

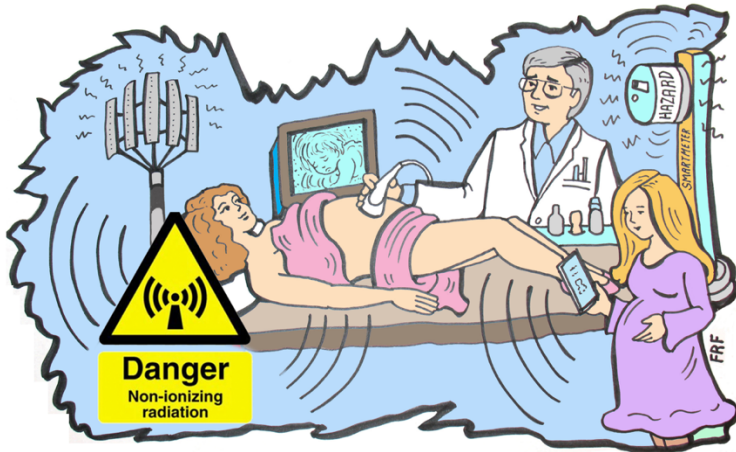
# **THE DARK SIDE OF PRENATAL ULTRASOUND**

**And the Dangers of  
Non-Ionizing Radiation**

**Part 1**



# THE DARK SIDE OF PRENATAL ULTRASOUND



*Art courtesy of Floris Freshman*

## And the Dangers of Non-Ionizing Radiation

### Part 1

Jeanice Barcelo





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# DISCLAIMER

The information you are about to read was gathered by a medical researcher and birth trauma education specialist. I am not an atomic scientist, molecular biologist, or medical doctor. I am simply a woman who is concerned about what is happening to the Earth's children and the harm the medical establishment is inflicting on babies. I want it to come to an end.

Accordingly, I have devoted several years of my life to an intense study of prenatal ultrasound and the related dangers of non-ionizing radiation. During this time, I have felt obliged to read through hundreds of published scientific studies, many of which contain horrific examples of animal abuse and torture, and some of which have made me want to walk away from this research in disgust rather than continue to look at the dark underworld of medical science and bear witness to the abject disregard for life displayed by certain members of the medical science community.

Despite the ugliness of much of what I have read, along with the many challenges I have endured during the writing of this book (including massive internet censorship and becoming seriously ill myself from microwave radiation poisoning), I have nevertheless continued on in my determination to get to The Truth and share it. This has not been an easy task.

Please know that, despite my having no prior background in radiation science, I have nevertheless done my best to make sense of this science so that I might better understand what is happening to our babies when they are exposed to ultrasound. What I have learned through my research is that ultrasound is radiation and it is, without a doubt, harming our children and undermining the genetic integrity of our bloodlines. Although we are often told that ultrasound is "*just sound waves,*" and therefore "*perfectly safe*" for use during pregnancy, in fact, ultrasound is based on non-ionizing radiation and this type of radiation has been repeatedly shown to be harmful. Because the radiation establishment often denies this fact, I have taken great pains to expose the distortions used by this industry to twist and hide the facts. I have also devoted several chapters

in this book to explaining what lab-created radiation is, how it is generated, how it differs from natural radiation and how it affects humans and other living beings.

If, as you read this material, you discover that I have not understood something fully or communicated things in a proper scientific way, please know that I have, nevertheless, done my absolute best to unmask the lies, get to The Truth, and present the information to you in a way that can be easily received.

I offer this book to you in the spirit of Love with a prayer that the factual dangers about prenatal ultrasound (and all forms of lab-created radiation) be immediately made known so that The Truth will quickly spread across our world and children will be protected from this technology. The irradiation of developing babies must come to an end.



*The Truth is like a lion.  
You don't have to defend it.  
Let it loose and it will defend itself.*  
- Saint Augustine



# Introduction

*“The dragon stood in front of the woman who was about to give birth so that he might devour her child the moment it was born.”* Revelation 12:4

To those who are taking the time to read this book, I thank you. I thank you for caring about the future of Earth’s children and for educating yourself on this most important topic. I trust that the information you are about to read will prove to be invaluable. However, please be aware that some of what you are about to read can be very disturbing. Parents around the world have been duped by the medical establishment into allowing their fragile developing babies to be exposed to a technology that is known to cause sterility, genetic damage, brain damage, intrauterine growth retardation, premature birth, miscarriage, fetal death, and more. Although we are repeatedly told by medical doctors that ultrasound is just sound waves and, therefore, perfectly safe, in fact, ultrasound is based on technologically produced, non-ionizing radiation, and this type of radiation is harmful.

Massive amounts of research on this topic has already been published,<sup>1 2</sup> yet many people remain unaware of the facts. As a result, we—and especially our children—are in great danger. The radiation poisoning of our world through ultrasonic and wireless devices has escalated out of control, and if we do not put a stop to this madness soon, all life on Earth could literally become extinct.

The devolution of our society has yielded a condition in which our homes, schools, workplaces, automobiles, town squares, shopping centers, medical offices, hospitals, mass transit, etc., all have become completely *saturated* with noxious, non-ionizing radiation. The devices we have become addicted to, including cell phones, laptop computers, Bluetooth devices, tablets, iPads, WiFi routers, smart TVs, cordless phones, baby monitors, microwave ovens,

GPS devices, and more, have the potential to cause brain damage, cancer and other illnesses; alter our neurology; damage our reproductive capacity; destroy our DNA; disrupt mitochondrial metabolism; change our thoughts and behavior; and ultimately lead to our demise.

It is beyond the scope of this book to go into detail about the full weaponized nature of this radiation grid. However, a short quote from Nikola Tesla provides insight into its true purpose.

Alpha waves in the human brain are between 6 and 8 hertz... All biological systems operate in the same frequency range. The human brain's alpha waves function in this range and the electrical resonance of the earth is between 6 and 8 hertz. Thus, our entire biological system including the brain and the earth itself, work on the same frequencies. If we can control that resonate system electronically, we can directly control the entire mental system of humankind.<sup>3</sup>

What is most important for people to understand is that, despite the lies we have been fed by the medical radiation establishment, exposure to lab-created radiation<sup>1</sup> is harmful. This is true at all levels of exposure for both "ionizing" and "non-ionizing" radiation—the boundary between which is not at all clear.

Technologically produced radiation/frequencies have deleterious effects on all life forms, and this includes ultrasonic frequencies which are, perhaps, the most damaging and are now ubiquitous in our world. If we allow the current situation to continue, entire genetic bloodlines will be lost as the ability of Earth's children to procreate and produce healthy children of their own, will certainly come to an end.

Cellular, animal, and human ultrasound damage studies have shown various permanent and sometimes cell-killing, gene scrambling injury to membranes, to tissues, to teeth, to DNA, to mitochondrial and organelle

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<sup>1</sup> Please note: The terms "lab-created radiation" and "lab-created ultrasound" are used throughout this book to describe an energy that is generated technologically through a mechanical/electrical process that interferes with the natural order of Creation. The process itself will be described in this book and involves the manipulation and alteration of matter—otherwise called "alchemy" or "nuclear transmutation." See [historyofalchemy.com/list-of-chemists/marie-curie/](http://historyofalchemy.com/list-of-chemists/marie-curie/) and/or [/ansnuclearcafe.org/2011/09/30/8234/#sthash.bV7uknGG.dpbs](http://ansnuclearcafe.org/2011/09/30/8234/#sthash.bV7uknGG.dpbs) for more info.

bodies. Ultrasound causes disruptions with subtle, permanent or slow-to-heal nervous system malfunctions causing disabilities. Genetic damage has been proven... Our genetic pool in countries that practice modern medicine is in danger.<sup>4</sup>

When I began putting this information together in 2013, I had no idea of the severity of the situation. I was simply planning to include the topic of prenatal ultrasound in a chapter in my first book, entitled "*Birth Trauma and the Dark Side of Modern Medicine*."<sup>5</sup> My research at that time had already confirmed that pregnant women and their babies were being exposed to a multitude of medically harmful things including, but not limited to, the following:

- A battery of blood tests that deplete the precious blood supply that nourishes baby;
- Repeated, unnecessary, and invasive pelvic exams that can cause bleeding and infection, and leave some pregnant and birthing mothers feeling like they have been medically raped;<sup>6</sup>
- Invasive procedures like amniocentesis and chorionic villus sampling, which can cause miscarriage<sup>7</sup> and lead to blood mixing between Rh positive babies and their Rh negative mothers—leading to fetal fatality;<sup>8 9</sup>
- Rhogam shots for Rh negative moms that can cause microchimerism<sup>10</sup> and autoimmunity<sup>11</sup> as well as serious neurological problems in the child;<sup>12</sup>
- Prenatal vaccines that are killing and maiming developing babies in large numbers;<sup>13</sup>
- Routine testing for gestational diabetes, which has been referred to as "*the diagnosis still looking for a disease*" by well-known obstetrician, Dr. Michel Odent;<sup>14</sup> and
- Multiple exposures to ultrasound through sonograms and Doppler fetal heart monitoring leading to massive irradiation of our children as described throughout this book.

All of the above-mentioned medical interventions have been shown to have little or no benefit in terms of perinatal outcome and all have been shown to cause harm.<sup>15</sup> These interventions have served only to instigate an unprecedented and dangerous push for the induction of labor which has led to at least one in every three babies<sup>16</sup> in the U.S. (in some cases the numbers are as high as 44%)<sup>17</sup> enduring medical attempts to forcibly eject them from the womb.

Sadly, *20–25% of all premature births in the U.S. are purposely caused by the medical establishment through the induction of labor.*<sup>18</sup> Induced babies have a huge risk of ending up in neonatal intensive care (up to a 64% increased chance) and are also very likely to be forcibly cut out of their mother's bodies through cesarean section (a 67% increased chance).<sup>19</sup> The physiological and psychological effects of these medical interventions are serious and life-long.<sup>20 21</sup>

I knew all of this before I began writing my first book in 2013, and so I was sure I could easily put together a chapter on the hazards of modern prenatal care and the dangers of prenatal ultrasound. What I did not realize at that time, however, is that my research into the topic of ultrasound would lead me down a rabbit hole so deep that I would not be able to find the bottom. Hence what was originally intended to be a small section of a chapter in my first book has necessitated several additional volumes.

When I began researching the topic of ultrasound, I had no idea that ultrasound actually is radiation. Prior to that time, I had believed the all the medical lies about ultrasound being “just sound waves” and therefore, not dangerous at all compared to x-rays. This is why I felt perfectly comfortable allowing myself and my developing babies to be exposed to ultrasound.

## **Never Again!**

From this point forward, I will strongly hesitate to allow any medical doctor to expose me to ultrasound, and during pregnancy, ultrasound should be forbidden. Ultrasound is radiation and this fact can easily be confirmed by glancing at the website of the U.S. Food and Drug Administration (FDA), where ultrasound is listed in the section entitled “*Radiation-Emitting Products.*”

Ultrasound...is based on non-ionizing radiation, so it does not have the same risks as X-rays or other types of imaging systems that use ionizing radiation.<sup>22</sup>

Despite the FDA's claim, hundreds of studies have confirmed that ultrasound does produce very similar damage to that caused by X-rays and other forms of ionizing radiation.<sup>23</sup> This includes damage at the cellular and DNA levels,<sup>24 25 26 27</sup> chromosomal aberrations,<sup>28 29 30 31</sup> genetic mutations,<sup>32 33</sup> mitochondrial disruption,<sup>34 35 36</sup> damage to the reproductive system,<sup>37 38 39 40 41</sup> and much more. Some of the research in this field has been available for decades, yet there are "*no federal radiation safety performance standards for diagnostic ultrasound.*"<sup>42</sup> We need to ask ourselves why.

Without a doubt, there are powerful forces at work that wish to keep the radiation issue under wraps. Their objective is to keep ultrasound "deployed" in obstetrics for as long as possible under the guise that it is somehow beneficial for "prenatal care." However, parents need to be aware. Prenatal ultrasound is being linked to fetal growth retardation,<sup>43 44 45</sup> preterm labor,<sup>46 47</sup> miscarriage,<sup>48 49</sup> low birth weight,<sup>50 51</sup> fetal abnormalities,<sup>52</sup> fetal demise,<sup>53</sup> hearing loss,<sup>54 55</sup> cancer,<sup>56 57</sup> neurological damage,<sup>58</sup> brain damage,<sup>59</sup> autism,<sup>60 61</sup> damage to the immune system,<sup>62</sup> delayed speech,<sup>63 64</sup> and more.

Ultrasound is being used to *deliberately* induce infertility (funded by eugenicists and New World Order depopulation enthusiasts, Bill and Melinda Gates),<sup>65</sup> to purposefully destroy cells,<sup>66</sup> and as a specific form of mind control that will allow for the remote control of brain activity and the manipulation of human emotions and behavior.<sup>67</sup> All of these facts will be methodically laid out throughout this book.

Some of what you are about to read may be difficult to digest. However, it is imperative for us to understand the level of darkness we are up against so that we can protect ourselves and our children from harm.

This work is dedicated to the children who have already been exposed to this technology and those who are yet to be born, with a prayer that parents immediately awaken to the dangers of prenatal ultrasound so that the use of this technology during pregnancy will come to an end.





## CHAPTER ONE

### WHAT IS ULTRASOUND?

*Ultrasound is not sound. It is non-ionizing radiation.*<sup>68</sup>

*Medical personnel choose to refer to ultrasound as high frequency sound waves, rather than radiation, because it sounds less dangerous.*<sup>69</sup>

*[Diagnostic ultrasound] is radiation, governed by hospital Radiology Departments like X-ray imaging. When marketing [ultrasound] to patients, the word "radiation" is omitted or the fact denied.*<sup>70</sup>

For purposes of this book, the word "ultrasound" will refer to lab-created, radiation-emitting frequencies and sound waves that fall within the bandwidth between 20 kilohertz (kHz) and 4 gigahertz (GHz). Frequencies within this range are said to be inaudible to the human ear; however, they *can* be heard by many animals and younger humans,<sup>71</sup> and also by babies in the womb.<sup>72</sup>

Dr. Mustapha Fatemi... and his team of researchers recently discovered that fetuses can actually hear ultrasound scans, which were previously thought to be inaudible.<sup>73</sup>

Documentation also reveals that human adults can hear these frequencies too – a phenomenon that medical doctors refer to as "tinnitus"<sup>74 75</sup> but which should more accurately be called "ultrasonic hearing"<sup>76 77</sup> and/or "microwave hearing."<sup>78</sup>

Virtually everyone with normal hearing can hear ultrasound. Elderly people who have lost their high frequency hearing can still hear ultrasound. Many profoundly deaf people...can hear ultrasound.<sup>79</sup>

In an article released in May 2018 entitled *Ultrasonic Waves Are Invisibly Harassing People All Over the World*, it is noted that:

There are horrible sounds all around us only a small group of people can hear. They almost always come from machines... They're loud enough to be annoying and cause headaches in people sensitive to them... And scientists have no firm idea of how common these sounds are or how much damage...they're doing.

[Professor Timothy Leighton shared that] '*A number of people were coming to me, and they were saying, 'I feel ill in certain buildings''*. [So Prof. Leighton] started going to buildings where people reported having symptoms. While he couldn't hear the sounds, he recorded them using his microphones and consistently found ultrasonic frequencies... [He said] '*it dawned on me that we were putting ultrasound into public places where a minority but a large number of people are going to be affected.*' And the effects aren't trivial. '*If you're in the zone [of an ultrasonic sound] and you're one of the sensitive people, you'll get headaches, nausea, tinnitus [ringing in the ears] and [various other symptoms],*' Leighton said. [These effects are] backed up by decades' worth of consistent experiments by a number of different researchers.<sup>80</sup>

An article published in 2016 suggests that the wireless devices found in buildings around the world are emitting ultrasonic frequencies that are making people sick.

Scientists say that a boom in public announcement systems, loudspeakers and automatic doors may be spawning an epidemic of ultrasonic sickness. Even electronic devices designed to scare away mice and cats could be triggering symptoms such as nausea, dizziness, and tiredness, stomach pain, and headaches... The most common public places of exposure to ultrasound are libraries, swimming pools, train stations, museums and even schools... Children may be particularly sensitive.<sup>81</sup>

In his book, *The Invisible Rainbow*, Arthur Firstenberg notes the following technologies as sources of ultrasonic radiation and noise:

- Energy efficient light bulbs
- Cell phones and cell towers
- Computers, fax machines, copiers
- Dimmer switches and power lines
- Smart meters<sup>82</sup>

The frequencies emanating from these devices can be heard by millions of people around the world, and some are hearing the noise 24/7. The high-pitched, metallic, mosquito-like, tortured screech can be so disturbing, it can literally drive people to want to commit suicide.<sup>83 84</sup>

While “experts” stubbornly repeat the lie that ultrasound is above the human hearing threshold,<sup>85 86</sup> research indicates that not only can humans of all ages hear these alien frequencies,<sup>87 88</sup> many are becoming ill simply by being exposed to them.<sup>89</sup>

Many pieces of evidence indicate that what is tormenting people around the world today is electromagnetic energy in the ultrasonic range.<sup>90</sup>

Some researchers suggest that medical ultrasound should not be placed in the category of ultrasonic noise.<sup>91</sup> However, the noise level associated with prenatal ultrasound has been shown to be as high as 100–120 decibels,<sup>92 93</sup> which is similar to being in a subway station<sup>94</sup> when the trains are coming in<sup>95</sup> or standing next to a jackhammer or chainsaw while in use.<sup>96</sup>

As the ultrasound beam moves during examination of the fetus, the focal point of the beam can pass over the fetal head. When this happens, the sensitive hearing structure of the fetus receives vibrations at a rate equal to the number of pulses per second from the ultrasound beam. The radiation force of these vibrations produces a localized ‘noise’ that might range from 85 decibels to 120 decibels if it were traveling through air.<sup>97</sup>

Since adults are experiencing nausea, tinnitus, headaches, and various other symptoms when exposed to lab-created ultrasonic frequencies, it is important to consider babies may be experiencing when they are exposed to these frequencies in the womb. Because the frequencies are so loud, the noise is likely causing agitation

and terror and contributing to infant and childhood hearing loss, as well as premature birth and intrauterine growth retardation.

Etzel and associates (1997) found studies suggesting that exposure to excessive noise during pregnancy could result in hearing impairment, prematurity, and IUGR [intrauterine growth retardation].<sup>98</sup>

There can be no doubt that babies are *hearing* and *feeling* these frequencies which can have a detrimental impact on their well-being.

Acoustic wave pressures allowed by the FDA for diagnostic examinations are 200,000 times the human hearing pain threshold.<sup>99</sup>

Some (smart) practitioners decline to use ultrasonic equipment because they feel it disturbs the fetus. Indeed, excessive fetal activity, indicating stress, has frequently been recorded during and after the use of ultrasonic equipment. My own daughter's baby was excessively active for one and a half days beginning with an ultrasound test at her fifth month of pregnancy.<sup>100</sup>

To get a sense of how unsettling ultrasound can be for the baby, let's listen to the words of a few mothers as each describes her baby's response to prenatal ultrasound scans.

I've had two ultrasounds, one was around 11 or 12 weeks & my boy was all over the place. He was doing flips the entire time. They were having trouble getting any pictures of him because he wouldn't get still... During my second ultrasound at 16 weeks, he was still doing tons of flips.<sup>101</sup>

I decided not to have ultrasounds with my following pregnancies because of the reaction of the fetus. I always found it odd that a harmless procedure would cause the fetus to 'run' from it. The fetus always acted fearful, the heart rate would go up and the fetus would move away from the wand.<sup>102</sup>

They sent me for an ultrasound and heartbeat was fine - 165. During the ultrasound, the baby would be lying still and all of a sudden, its whole body would jump. It did it

the whole time probably like 15-20 sec apart. The tech was very rude, and was rushing it so I really didn't see for that long. After she told me the heart rate she kept looking around and I asked does everything seem ok? She said 'Well I told you the heart rate, didn't I?' And then I said well the jumping kinda scared me. She said 'Babies do move'. It wasn't normal moving though. The whole body would jump. I am scared.<sup>103</sup>

Indeed, the children are being electrically jolted<sup>104 105</sup> by the technologically-manufactured frequencies which, in addition to being harmful, are also extremely loud and disturbing! Studies confirm that developing babies tend to increase movement when exposed to ultrasound, and researchers believe this is because the noise is audible<sup>106 107</sup> (not to mention that ultrasonic irradiation can cause *extreme* heating and can make babies feel sick, which we will talk about in more detail later). Since babies cannot get away from these disturbing frequencies or protect themselves from the assault, ultrasound scans are clearly a form of torture that may cause some babies to dissociate while still in the womb.

Anecdotal evidence exists to support the contention that children may be dissociating *in utero* in response to ultrasound exposure. For example, in an interview with a 2½-year-old child regarding her birth memories, the following conversation ensued:

Mikaela, remember the other day when you met miss Laura and she asked you what it was like when you were in mommy's belly?

Yeah?

Do you remember what you told her?

I was up in the sky in the clouds

You were up in the sky in the clouds?

Uhm Hum

What was that like?

I had to get out from the thunder. It was scary. And then the thunder went away.  
And then the thunder went away?

Yeah.<sup>108</sup>

Here we have a child describing noise in the womb that made her want to escape her environment, so she went “*up in the clouds*” and then the noise went away. To those who are familiar with the topic of trauma-based mind control, this is a classic description of what can happen when victims are being tortured and/or extremely traumatized—they float outside and above the body while the body enters into a state of disconnection or separation from the soul. This condition is called “dissociation” and/or parasympathetic shock and it will be covered in more detail in Part 2 of this series.

We can get a better sense of how disruptive and damaging lab-created ultrasonic frequencies can be by examining what these frequencies do to animals in the wild. Although dolphins and whales utilize *natural* ultrasonic frequencies for purposes of navigation, communication, and to locate prey,<sup>109 110</sup> when these animals are exposed to technologically manufactured ultrasonic frequencies, some of them are badly injured and/or even killed by them.<sup>111 112</sup>

Unfortunately for many whales, dolphins and other marine life, the use of underwater sonar...can lead to injury and even death. Sonar systems—first developed by the U.S. Navy to detect enemy submarines—generate slow-rolling sound waves topping out at around 235 decibels; the world’s loudest rock bands top out at only 130. These sound waves can travel for hundreds of miles under water, and can retain an intensity of 140 decibels as far as 300 miles from their source. These rolling walls of noise are no doubt too much for some marine wildlife. While little is known about any direct physiological effects of sonar waves on marine species, evidence shows that whales will swim hundreds of miles, rapidly change their depth (sometimes leading to bleeding from the eyes and ears), and even beach themselves to get away from the sounds of sonar.

In January 2005, 34 whales of three different species became stranded and died along North Carolina’s Outer Banks during nearby offshore Navy sonar training... According to the nonprofit Natural Resources Defense Council (NRDC), which has campaigned vigorously to ban use of the technology in waters rich in marine wildlife, recent cases of whale strandings likely represent a small

fraction of sonar's toll, given that severely injured animals rarely make it to shore.<sup>113</sup>

Some of my readers may wonder, as I did, whether military sonar and medical ultrasound are the same type of energy, and the answer is yes.<sup>114</sup> However, in addition to using frequencies in the ultrasound range, military sonar also includes frequencies in the infrasound range (20 kHz down to 0.1Hz).<sup>115</sup> It is well known that these lab-created frequencies cause extreme harm and, sadly, the frequencies are often deployed for this express purpose, i.e., to deliberately cause harm.<sup>116</sup>

Focused Ultrasound for use in the medical field...is used as a domestic weapon...to 'hit the brain', causing damage and brain lesions to inflict strokes and heart attacks, a weapon that leaves very little evidence similar to another weapon in use, powerful radar assaults, which are linked to leukemia and other deadly cancers like lung cancer.<sup>117</sup>

And

Sonic and ultrasonic weapons are weapons used...to injure, incapacitate, or kill an opponent... Extremely high-power sound waves can disrupt and/or destroy the eardrums of a target and cause severe pain or disorientation. This is usually sufficient to incapacitate a person. Less powerful sound waves can cause humans to experience nausea or discomfort. The use of these frequencies to incapacitate persons has occurred both in counter-terrorist and crowd control settings... The extra-aural...bioeffects on various internal organs and the central nervous system included auditory shifts, vibrotactile sensitivity change, muscle contraction, cardiovascular function change, central nervous system effects, vestibular (inner ear) effects, and chest wall/lung tissue effects.<sup>118</sup>

The destructive capacities of ultrasonic technologies are well documented,<sup>119 120 121</sup> yet obstetricians persist in "deploying" this technology during pregnancy in order to "surveil" developing babies while they are in the womb.

Fetal surveillance is a broad term that refers to a variety of non-invasive tests that may be administered during a pregnancy in order to

evaluate whether or not a baby is thriving in utero. These tests are typically ordered by obstetricians... and they are an additional means by which to manage and monitor both the mother's and baby's health and well-being.<sup>122</sup>

While the medical establishment claims that prenatal ultrasound is completely benign and non-invasive, in fact, the term "surveillance" implies an inherent invasiveness and an intrusion into what should otherwise be a baby's private world.

The possibilities of seeing, we are told, are numerous: the state of fetal anatomy; growth and development; numerous fetal pathologies; the sex of the fetus as early as eleven weeks; and fetal sleep, rest, and activity patterns. There are even claims of witnessing fetal masturbation and, as Lisa Cartwright has pointed out, enough fetal behavior for one psychiatrist to begin the practice of fetal psychoanalysis.<sup>123</sup>

Despite women giving birth successfully without the use of ultrasound (or the medical profession) for many thousands of years, obstetricians and midwives around the world nevertheless feel compelled to use this technology during pregnancy, citing the following reasons:

- Confirm the pregnancy and its location. Some fetuses develop outside of the uterus, in the fallopian tube. A fetal ultrasound can help your health care provider detect a pregnancy outside of the uterus (ectopic pregnancy).
- Determine your baby's gestational age. Knowing the baby's age can help your health care provider determine your due date and track various milestones throughout your pregnancy.
- Confirm the number of babies. If your health care provider suspects a multiple pregnancy, an ultrasound might be done to confirm the number of babies.
- Study the placenta and amniotic fluid levels. The placenta provides your baby with vital nutrients and



oxygen-rich blood. Too much or too little amniotic fluid — the fluid that surrounds the baby in the uterus during pregnancy — or complications with the placenta need special attention.

- Evaluate your baby's growth. Your health care provider can use ultrasound to determine whether your baby is growing at a normal rate. Ultrasound can be used to monitor your baby's movement, breathing and heart rate.
- Identify birth defects. An ultrasound can help your health care provider screen for some birth defects.
- Investigate complications. If you're bleeding or having other complications, an ultrasound might help your health care provider determine the cause.
- Perform other prenatal tests. Your health care provider might use ultrasound to guide needle placement during certain prenatal tests, such as amniocentesis or chorionic villus sampling.
- Determine fetal position before delivery. Most babies are positioned headfirst by the end of the third trimester. That doesn't always happen, though. Ultrasound imaging can confirm the baby's presentation so that your health care provider can discuss options for delivery...<sup>124</sup>

While the above list makes prenatal ultrasound seem very important, **in Truth, many dozens of studies have confirmed that ultrasound does nothing to improve fetal outcome** and, on the contrary, it is causing harm.<sup>125 126 127 128 129 130 131 132 133 134</sup>

The real reasons for the use of this technology include greed, fear of lawsuits, and malevolence. With respect to the former, I found the following staggering information regarding the cost for a single prenatal scan in the United States:

Alaska-\$1869  
Wisconsin-\$1208  
Nebraska-\$1151  
D.C.-\$1130  
Tennessee-\$1041<sup>135</sup>

Nevada charges the lowest rate for a pregnancy ultrasound – “only” \$486 per scan.<sup>136</sup> Routine prenatal ultrasound adds one billion dollars *per year* to the cost of caring for pregnant women in the United States alone.<sup>137</sup>

The national median cost estimate for a pregnancy ultrasound at a hospital is \$686... Most women pregnant with multiples (twins, triplets) received 7 ultrasounds.<sup>138</sup>

Please keep in mind that prenatal ultrasound is being linked to fetal growth retardation,<sup>139 140 141</sup> preterm labor,<sup>142 143</sup> and low birth weight<sup>144 145 146</sup> and, while obstetricians often insist that pregnant mothers carrying multiples acquiesce to receiving repeated ultrasound scans, in fact, it is the scans themselves that may be causing the high number of premature births<sup>147 148</sup> in this population.<sup>149</sup> Despite all the scans (or because of them), infant mortality continues to climb.<sup>150 151</sup>

A new study published in the January, 2018 edition of the journal *Health Affairs* compared the mortality rate of children in 19 wealthy, Western countries. Guess who finished last? If you guessed the country that spends the most money on health care then you guessed correctly...

*'While child mortality progressively declined across all countries, mortality in the US has been higher than in peer nations since the 1980s. From 2001 to 2010 the risk of death in the US {when compared to other Western countries} was 76 percent greater for infants and 57 percent greater for children ages 1-19'.<sup>152</sup>*

Not surprisingly, **the U.S. has been labelled the “most dangerous place to give birth in the developed world,”** as tens of thousands of mothers and babies are severely injured during, or immediately after, birth (thanks to medical interference in the birth process).<sup>153</sup> **The U.S. has the highest first day infant mortality rate in the industrialized world,<sup>154</sup>** and data from 2011 reveal that **fetal deaths actually outnumber infant deaths in America**—all of which clearly indicate that our “health care” system is doing something very wrong.<sup>155 156</sup>

In 1960... the U.S. had one of the best infant mortality rates in the world. By 1998, the U.S. dropped to 28<sup>th</sup> place. By 2006, [the U.S. fell] to 45<sup>th</sup> place.<sup>157</sup>

Although there are many hundreds of studies pointing to ultrasonic irradiation as a possible contributor to these alarming statistics (as exhaustively documented in the endnote reference section of this book), medical apologists like Wikipedia nevertheless try to downplay the dangers of lab-created ultrasound by suggesting that these technologically manufactured frequencies are benign and not really distinguishable from normal sound.

Ultrasound is an oscillating sound pressure wave with a frequency greater than the upper limit of the human hearing range. Ultrasound is thus not separated from 'normal' (audible) sound by differences in physical properties, only by the fact that humans cannot hear it.<sup>158</sup>

Despite Wikipedia's misinformation (including the lie that humans can't hear ultrasound),<sup>159</sup> there is nothing "normal" about lab-created ultrasonic frequencies since they are *not* part of organic creation *and* they are harmful. These radiation-emitting "sound waves" are generated through violent mechanical and/or electrical attacks against nature (more on this shortly), the effects of which are dangerous and sometimes lethal, and medical scientists have known of these harmful effects for at least 100 years.<sup>160 161</sup>

Artificial ultrasonic frequencies are many times more intense than natural ultrasonic frequencies, and while the human body is designed to receive, transmit and resonate at *natural* frequencies between 3-30 hertz,<sup>162 163 164</sup> the artificial frequencies being used in obstetrics are typically between 3-9 *million* hertz (3-9 megahertz or MHz).<sup>165</sup> When used for other medical purposes, the frequencies can be much higher.

Sounds in the range 20-100 kHz are commonly used for communication and navigation by bats, dolphins, and some other species. Much higher frequencies, in the range 1-20 MHz, are used for medical ultrasound.<sup>166</sup>

To keep this in perspective, 1 kilohertz (kHz) equals one thousand hertz, 1 megahertz (MHz) equals one million hertz, and one gigahertz (GHz) equals one billion hertz. Artificial frequencies of any kind are dangerous and damaging, and frequencies in this range are a far cry from what nature has designed any living being to tolerate. The Earth itself resonates at a frequency of 7.83 hertz, known as the Schumann Resonance. The Schumann Resonance is precisely the same frequency as the alpha waves being emitted by the human brain.<sup>167</sup> Yet, thanks to the medical and telecom

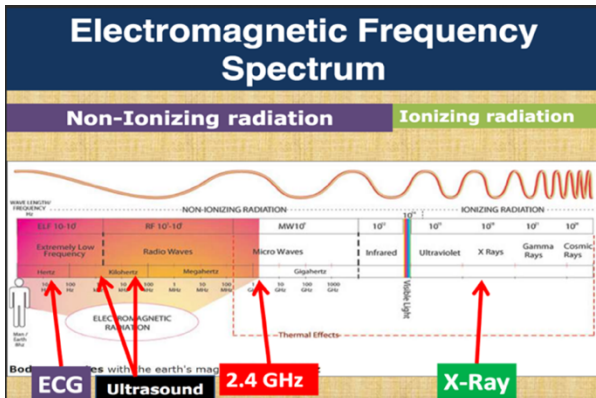
industries, our brains and the brains of our developing babies are now being exposed to frequencies in the millions and billions of hertz, which frequencies have been documented to damage the blood-brain barrier<sup>168 169</sup> (BBB) and negatively affect the neurodevelopment of infants.<sup>170</sup> Damage to the BBB can contribute to early-onset Alzheimer's in people as young as 30,<sup>171</sup> and radiation-induced vasculopathy may be contributing to the growing incidence of stroke<sup>172</sup> in young people—up 44% in those aged 25-44 between 2000 and 2010.<sup>173</sup>

BBB dysfunction plays a major role in the pathogenesis of a large number of neurological disorders including stroke, multiple sclerosis, Alzheimer's disease, Parkinson's disease, cerebral palsy...and cerebral hemorrhages.<sup>174</sup>

Disruption of the blood-brain barrier (BBB) has an important part in cellular damage in neurological diseases, including acute/chronic cerebral ischemia, brain trauma, multiple sclerosis, brain tumors, and brain infections.<sup>175</sup>

Accordingly, it is important to distinguish between natural and lab-created ultrasonic frequencies so that we may better understand this very important point: **Whereas natural ultrasonic frequencies are completely benign and in some cases thought to be immensely beneficial (such as with dolphin-assisted therapy),<sup>176</sup> lab-created ultrasonic frequencies are extremely dangerous and have been repeatedly shown to be harmful and even deadly.**<sup>177 178</sup>

The diagram below shows where artificial ultrasonic frequencies fall on the manmade electromagnetic frequency spectrum.



Source<sup>179</sup>

The diagram suggests that lab-created ultrasonic frequencies end in the microwave range of 2.4 GHz (2.4 gigahertz or 2.4 *billion* hertz). However, ultrasonic frequencies as high as 4 GHz are being used in medical devices such as acoustic microscopes<sup>180</sup> and at least one source<sup>2</sup> claims to be using frequencies in the millimeter range for diagnostic ultrasound.<sup>181</sup> Some sources claim that there are “medical uses” for these very high ultrasonic frequencies and Wikipedia also mentions “medical research”<sup>182</sup> for their use. However, when we look into what type of “medical research” the frequencies are being used for, we come upon articles such as the following, entitled ***High Frequency Ultrasound Torturer***.

The discernible aim of torture...is to destroy the personality of an individual in a way that would render his compliance in [the] future... [To this end], discreet methods may be employed to selectively destroy areas in [the] brain by high dosage and high frequency ultrasound... We shall focus our attention towards the areas in the brain that agitate human mind and lead to hostility. If these areas are selectively destroyed or rendered non-functional, it is presumed that the individual would acquire complete docility and be subservient. He would not be in a position to articulate his thoughts and emotions... **Surgeons and physicians utilize this information, in certain cases, to control human behavior.**

Intracranial diagnostic use of ultrasound is possible only in neonates and infants through the opening of fontanelle...

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<sup>2</sup> Please note, Marvin C. Ziskin—the man claiming to be using millimeter waves for diagnostic ultrasound—was recently quoted as an “expert” in a New York Times propaganda hit piece claiming that 5G is safe (see [tinyurl.com/y54w7tl7](https://tinyurl.com/y54w7tl7) for more info). Ziskin and his buddies at the New York Slimes assert that Americans have nothing to worry about regarding the FCC’s plan to bombard all living things, 24/7, with extremely high frequency, millimeter wave radiation. Instead, Americans should be concerned about Russia, since Russia is allegedly putting out “false” information about 5G, claiming there are dangers to the technology that could lead to illness and death. Ziskin argues that millimeter waves are not harmful and can even be used for “healing.” He has also spent the last several decades assuring everyone of the “safety” of diagnostic ultrasound (see [tinyurl.com/y276q8xo](https://tinyurl.com/y276q8xo) for more info). Clearly, he is a well-credentialed liar that should be held accountable for the lies he has disseminated. Diagnostic ultrasound and millimeter waves are definitely not safe, as the information in this book will confirm.

**Regarding torture, it can be surmised that with active co-operation and participation of doctors... selective areas in the brain can be destroyed by high-frequency ultrasound.**<sup>183</sup>

Yes folks. You read that right. It appears that research is occurring that involves opening the fontanelle (soft spot on the baby's head) of very young infants to selectively destroy parts of the brain with ultrasound. Moreover, on a website named *PsychologyDictionary.org*, we are given the following information regarding ultrasonic irradiation:

*Ultrasonic Irradiation is 'a type of psychosurgery wherein noise waves of a frequency of 1000 kHz are exerted through trephine openings in the cranium.' It is 'a successful option in lieu of the prefrontal lobotomy.'*<sup>184</sup>

Good to know! Of course, the medical establishment attempts to make this nefarious activity sound completely benign.

A medical team sometimes administers cranial ultrasound on a newborn to investigate any irregularities, often via the fontanelle, while a technologist or neonatal nurse helps keep the baby calm and motionless so as to maximize the clarity of the imaging.<sup>185</sup>

Please keep in mind that infants in the U.S. commonly undergo excruciatingly painful medical procedures, including surgery, with no anesthetic whatsoever.<sup>186 187</sup> Instead, the infants are *paralyzed* with curare drugs during these procedures<sup>188</sup> so that they cannot move or scream (very convenient for the doctors), *yet they can feel everything* that is being done to them by members of the medical "profession" who have insisted for decades that babies don't feel pain.<sup>189</sup>

At two weeks, Jeffery, 'during his hour and half operation had two holes cut on either side of his neck and one in his chest, he was cut from his breastbone around to his backbone, his flesh lifted aside, ribs pried apart, blood vessels tied off and lungs retracted, tissue stitched together and a 'stab incision' to secure chest tubes.' He died a few days later, as a result of the shock that overwhelmed his entire system causing his brain to bleed and his organs to fail. The hospital's senior neonatologist responded to Mrs. Lawson's inquiries by stating, 'it didn't

matter because he was a fetus,' explaining that children less than 2 years of age 'do not feel pain'.<sup>190</sup>

Infants trapped in neonatal intensive care units are at particular risk for this type of sadistic abuse,<sup>191</sup> as are male infants who are forced to endure neonatal circumcision.<sup>192</sup>

Accordingly, when the above-referenced "medical team" makes mention of a neonatal nurse helping to keep a baby motionless during cranial ultrasound, I presume they are referring to the same type of nurse that willfully restrains infant boys in preparation for circumcision by first straightjacketing the infant so that his upper body is completely immobilized, and then strapping him to a torture board called a "circumstraint" so that his legs can also be restrained.



This same type of nurse usually stands by passively while a medical doctor shoves sharp metal probes into the penis of a defenseless, screaming, breathless infant, and uses razor sharp instruments on the baby's penis in order to rip the foreskin away from the glans of the penis (similar to ripping a fingernail off a finger only much worse), after which the foreskin is systematically cut off for no medical reason whatsoever<sup>193 194 195</sup> and then sold to cosmetic companies<sup>196</sup> and/or the pharmaceutical industry for use in the development of vaccines.<sup>197</sup> This cruel, sadistic, and extremely evil "procedure"<sup>3</sup> is performed 96% of the time in the U.S. with no pain relief at all.<sup>198 199</sup> It is one of many *torturous medical rituals* taking place within the occult temples of western medicine today.<sup>200</sup>

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<sup>3</sup> To learn the facts about infant circumcision, please see my book, "*Birth Trauma and the Dark Side of Modern Medicine*," available at [BirthofaNewEarth.com](http://BirthofaNewEarth.com)

Likewise, the irradiation of developing babies with ultrasound is another harmful *medical ritual* being inflicted on innocent babies. While ultrasound is purportedly a handy “diagnostic” tool for those who wish to “surveil” babies while they are in the womb, it is also being used by the medical establishment as a form of torture and for purposes of brain destruction and mind control.

Transcranial ultrasound is a form of electric shock therapy.<sup>201</sup>

Sony has patented a theoretical technique of using ultrasound to influence and manipulate nerve impulses in the brain.<sup>202</sup>

The technique suggested in the patent...describes a device that fires pulses of ultrasound at the head to modify firing patterns in targeted parts of the brain.<sup>203</sup>

Monitoring or manipulating the brain and central nervous system remotely can be done with existing technologies such as EEG or fNIRS headsets, radio-frequency waves/microwaves or pulsed ultrasound precisely targeted at specific areas of the brain... These neuroweapons are intended to influence, direct, weaken, suppress, or neutralize human thought, brainwave functions, perception, interpretation, and behaviors to the extent that the target of such weaponry is either temporarily or permanently disabled, mentally compromised, or unable to function normally.<sup>204</sup>

Psychotronic weapons are those that act to take away a part of the information which is stored in a man’s brain... These weapons are used against the mind to induce hallucinations, sickness, mutations in human cells, ‘zombification,’ or even death. Included in the arsenal are VHF generators, X-rays, ultrasound, and radio waves.<sup>205</sup>

Ultrasound is used for suppression of will, oppression of immune system, deterioration of state of health, reduction of the person [in] a passive condition.<sup>206</sup>

The majority of modern man is not even aware that certain vibrations or sounds which are outside of the spectrum which we normally hear, they can actually



reprogram our psyche and brains and implant foreign thoughts in our consciousness.<sup>207</sup>

In addition to using ultrasonic radiation to manipulate and control Mankind, “neuroscientists” are also using other sources of radiation<sup>208</sup> along with psychopharmacological drugs, which are combined for maximum, mind-altering effect.

Electromagnetic energy of appropriate frequency... might cause a variety of mental effects including obliteration of memory...and hallucinations.<sup>209</sup>

Rockefeller Commission report revealed to the public for the first time that the CIA and the DOD had conducted experiments on both cognizant and unwitting human subjects as part of an extensive program to influence and control human behavior through the use of psychoactive drugs and other chemical, biological, and psychological means. Central Intelligence Agency documents suggest that radiation was part of the MKULTRA program and that the agency considered and explored uses of radiation for these purposes.<sup>210</sup>

MK Ultra was/is a U.S. government mind control program involving the use of extreme torture, beginning in infancy, to shatter the psyche of victims. Torture was/is used to force the brain to compartmentalize various memories and thereby create alter personalities in the victims that will function in service to the dark side. Methods of torture include keeping people in insulin-induced comas for weeks at a time<sup>211</sup> while using a technique called “psychic driving” to implant thoughts and fake memories into their minds and thereby create new identities.<sup>212</sup> Microwave radiation was also used to torture victims and, as Barrie Trower (microwave weapons expert) has noted, “usually, the microwave [torture programs] begin with MK.”<sup>213</sup> Victims were/are repeatedly subjected to electroshock torture, sexual torture and violence,<sup>214</sup> and repeated drugging with psychotropic and pharmacological drugs to induce hypnosis and generate altered states of consciousness.<sup>215</sup> All of this was (and still is being) done for the purpose of creating multiple personalities in the victims, with each new personality designed by the programmers to perform a particular dark service.<sup>216</sup> It is often this type of torture and abuse that is at the root of the alter identities we refer to now as “transgenderism.”<sup>217</sup>

It is important to note that **some of the very same drugs being used by the medical/mind-control establishment to alter the behavior of humans are also being given to laboring mothers during hospital birth.**

Most of the publicly available information about offensive neuroweapons currently relates to the potential use of biochemical agents as incapacitants and potentially for otherwise influencing the behavior of an adversary. A frequently cited case is the use of the chemical *fentanyl*...

[Another] biochemical agent that seems to have caught the interest of the military is the neurohormone *oxytocin*, which is naturally produced by the brain and stimulates love or trust. Oxytocin could be used for manipulating adversaries into (temporarily) trusting us and thereby reduce the occurrence of resistance...

The alkaloid drug *scopolamine* is known for putting people exposed in a highly suggestible state, in which they lose their free will."<sup>218</sup>

All three of the aforementioned drugs have been used in American hospitals during childbirth. Scopolamine was given to laboring mothers right up until the early 1960s. It was mixed with morphine and called "twilight sleep."<sup>219</sup> The concoction (sometimes called "devil's breath")<sup>220</sup> served to make women unquestionably compliant with medical demands and create amnesia in the women so they would have no recollection of what was done to them or their babies during hospital birth.<sup>221</sup> The fact that this cocktail caused convulsions and hallucinations, and that women had to be forcibly restrained and immobilized during labor and birth, did not deter the medical establishment from using it...perhaps because it nevertheless served the useful purpose of subduing, controlling, and rendering subservient all the women and infants that entered their lair.

Fentanyl—a synthetic opioid drug used for purposes of mind control—is being given to laboring mothers as part of epidural anesthesia. It is 50-100 times more powerful than morphine,<sup>222</sup> and can adversely affect the neurology, biology, and psyche of the incoming child, as well as the consciousness of the mother.

Within 30 seconds after a narcotic is injected into mother intravenously, it enters baby's circulatory system at

around 70 percent of its concentration in mother's blood... Electronic fetal monitor tracings of babies whose mothers received narcotic pain medication during labor show heart rate patterns that differ from normal. Babies' brain wave tracings (electroencephalograms—EEG) change, as do their respiratory movements... Babies born under the influence of narcotics sometimes show respiratory depression and require temporary assistance to stimulate their breathing. They may also be a bit groggy... Bonding may be affected; a drugged mother and a drugged baby don't make a good first impression on each other. These newborns are also slower at learning how to breastfeed. Narcotics given during labor have been detected in babies' bloodstreams up to eight weeks after birth.<sup>223</sup>

In addition to altering the consciousness of both mother and child, fentanyl undermines a mother's ability to produce natural oxytocin and other very important bonding hormones and chemicals of birth. As a result, babies born on these drugs are often denied the opportunity to experience overflowing love from their mothers at birth and profound joy as they enter our world. Instead, they are handed a cheap synthetic substitute called "euphoria", which is a medical term used to describe an artificial, drug-induced feeling of well-being.

[Euphoria is] an exaggerated feeling of physical and mental well-being, especially when not justified by external reality. Euphoria may be induced by drugs such as opioids.<sup>224</sup>

*Euphoria* can be classified as a mental illness. The earliest use of *euphoria* was to describe the relief provided by a medical procedure.<sup>225</sup>

The artificial sense of well-being induced by drugs like fentanyl cannot compare with authentic human love. Hence, it can leave the child feeling empty with an unconscious yearning for what he/she *should* have experienced at birth but did not (i.e., a profound sense of deep love and spiritual union that can come only from fully bonding with one's parents—from loving and being loved). Without true bonding at birth, a child's ability to experience love throughout life can be seriously undermined as that child may carry feelings of deep insecurity, as well as an unconscious belief that he/she is inherently unlovable and will never be loved.

Sadly, drug-induced euphoria has become the baseline imprinted memory for millions (perhaps billions) of children regarding a sense of well-being. Naturally, as these children come of age in a world that is almost devoid of human love, they will seek to replicate their imprinted memory of well-being by consuming synthetic opioids similar to the ones they were born on. This is what is driving the current opioid addiction epidemic and the medical establishment has orchestrated this epidemic from start to finish.<sup>226</sup>

Studies confirm that those who are exposed to synthetic drugs like fentanyl during their birth are more inclined than those who are not to become addicted to synthetic opioids as they enter adulthood.<sup>227 228</sup>

In 1990, researchers compared children exposed to pain-relieving drugs in labour with those who were not exposed and discovered an increased risk of drug addiction later in life. In 1988, they showed that when nitrous oxide was given to the mother, the child was five and one-half times more likely to become an amphetamine addict than a brother or sister born to the same parents. In their paper in the *British Medical Journal* (1990), patients who had died from opiate addiction were compared with brothers and sisters; the researchers found that if the mothers had been given opiates or barbiturates or larger doses of nitrous oxide, the risk to the child of opiate addiction in later life was increased 4.7 times. In a further study, researchers discovered that the risk of drug addiction was related to the hospital in which they were born. In other words, the likelihood of a child developing drug addiction in later life depended on the labour ward policies of the hospital the mother chose for the birth, and I quote: 'For the amphetamine addicts, hospital of birth was found to be an important risk factor even after controlling for residential area.' Jacobson and Nyberg's research suggests that the use of opiates, barbiturates and nitrous oxide in labour causes imprinting in the babies, and we are now reaping the whirlwind. In 1984, Desmond Bardon suggested that a significant proportion of the millions of children and youths in the United States who are afflicted with significant mental and neurologic dysfunction are the victims of obstetric medications administered to the mother during labour and birth... Not only have Bardon's

concerns not been addressed, but since that time even more women and babies have been subjected to high levels of drugs in pregnancy and labour, and little has been done to investigate the possibility that the huge increases in drug addiction and associated crime are a direct result of the drugs used on the labour wards. While various agencies work hard to pull the bodies out of the river, no one is investigating who is pushing them.<sup>229</sup>

Indeed, few are prepared to look at how the medical establishment has orchestrated the current opioid addiction problem,<sup>230</sup> and how it has also masterminded what it claims to be a solution, i.e., the “new” opioid addiction vaccine.<sup>231</sup> In conspiracy-analyst circles, this is known as the “*problem—reaction—solution*” scenario commonly used for the social engineering of humanity. This allegedly new vaccine is designed to block oxytocin receptor sites so our youth will not “get high” from the drugs. However, blocking oxytocin receptor sites will also ensure that their ability to feel love will also be blocked.

In addition to fentanyl, synthetic oxytocin is also being used during childbirth under the guise of inducing or augmenting labor.<sup>232</sup> Currently, the overwhelming majority of birthing women in the U.S. (up to 81%)<sup>233</sup> are being injected with synthetic oxytocin in the form of pitocin (synctocinin in the UK and elsewhere). As was documented in my first book, *Birth Trauma and the Dark Side of Modern Medicine*, pitocin undermines the production of natural oxytocin and thereby interferes with maternal-child bonding and breastfeeding. Pitocin triggers excruciating and unrelenting contractions that can cause extreme pain for both mother and baby. It is also being used to *deliberately* induce fetal distress so medical staff can move more quickly to c-section.<sup>234</sup>

**Significantly, injections of synthetic oxytocin are being used in conjunction with ultrasound in order to make cells “more sensitive” to ultrasound. In medical parlance, this means that, when oxytocin injections are paired with ultrasound, the ultrasonic frequencies and radiation can more easily destroy cells.**

Injection of oxytocin lowered the amount of energy needed to destroy the cells by circa 1/2 to 2/3 or thereabouts. This suggests that oxytocin makes cells more sensitive to ultrasonic energy.<sup>235</sup>

Please keep in mind that laboring women and their babies are often exposed to ultrasonic irradiation *for hours or even days* while electronic fetal heart monitors are strapped to the mother's body. When these ultrasound-driven machines are paired with oxytocin injections (which they almost always are), a large number of cells in the incoming child will obviously be destroyed.

**Moreover, both fetal heart monitoring<sup>236 237 238</sup> and ultrasound scans/Doppler<sup>239 240 241</sup> have been repeatedly shown to have no benefit in terms of neonatal outcome.**

Regarding fetal heart monitoring:

In this article, we examine reasons why fetal heart rate monitoring did not live up to its original expectations and why the randomized controlled trials did not demonstrate efficacy, and we make suggestions for determining whether electronic fetal heart rate monitoring should be abandoned.<sup>242</sup>

Obstetric societies in the U.S., Canada, Australia, and New Zealand...acknowledge that electronic monitoring does not provide any benefits in health outcomes for children.<sup>243</sup>

The routine use of electronic fetal heart monitoring in American obstetrics is an unscientific practice that increases cesarean section without improving outcomes. The overuse of EFM must be challenged as iatrogenic.<sup>244</sup>

Regarding ultrasound scans and the routine use of Doppler:

The findings of this study clearly indicate that ultrasound screening does not improve perinatal outcome.<sup>245</sup>

Routine ultrasound screening of pregnant women does nothing to reduce the number of perinatal deaths, or improve pregnancy management or outcome, according to a study of 2600 women.<sup>246</sup>

Researchers in New York studied 15,000 pregnant women who received ultrasound scans. They concluded that scanning provided no benefits whatsoever in any of the risk categories such as premature babies, fetal death, multiple births, late-term-pregnancies, etc. In fact, up to

this date, ultrasound scans have not revealed any information that is of clinical value. On the contrary, there is more evidence today than ever before that scans can be harmful for both the mother and the unborn child.<sup>247</sup>

In a trial of Doppler in 4,187 low-risk pregnancies in France, the only significant result of using Doppler was an increase in the number of ultrasound and Doppler examinations subsequently conducted. There were no other effects on the management of pregnancy.<sup>248</sup>

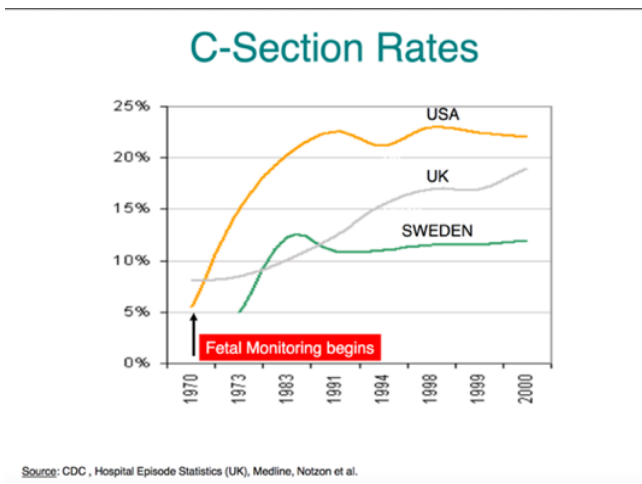
A study from Oslo (Skari et al., 1998) looked at how many babies born with serious defects had been diagnosed by antenatal scans, and whether the early diagnosis made any difference to the outcomes... In nineteen months, 36 babies were referred from a population of 2.5 million.... Only 13 of the 36 defects had been detected before birth (36 percent)... Three out of the 13 babies diagnosed antenatally died. There was one death in the 23 undiagnosed. All 13 babies with antenatal diagnosis were delivered by caesarean. Nineteen of the twenty-three undiagnosed babies had an uncomplicated vaginal delivery. The diagnosed babies had lower birth weight and two weeks shorter gestation... Pregnant women often automatically assume that antenatal detection of serious problems in the baby means that lives will be saved or illness reduced. [However], knowing about the problem in advance did not benefit these babies; more of them died. They got delivered sooner, when they were smaller, a choice that could have long-term effects. All 12 babies with abdominal wall defects survived. But for the 6 detected on the scan, their length of hospital stay was longer and they spent longer on ventilators.<sup>249</sup>

The above quotes represent only a very small sampling of the many dozens of researchers who have affirmed that ***these technologies do absolutely nothing to benefit the outcome of pregnancy***. On the contrary, they are causing harm and their use tends to increase the incidence of cesarean section and other harmful medical interventions.<sup>250</sup>

Ultrasound use has resulted in a many-fold increase in cesarean deliveries without a corresponding increase in improved infant outcomes.<sup>251</sup>

The increase in cesarean sections brought on by the use of electronic fetal monitoring during delivery has not reduced rates of cerebral palsy, instead placing women at high risk of complications and death.<sup>252</sup>

Below is a graph showing a huge spike in C-section rates after the introduction of fetal heart monitoring.



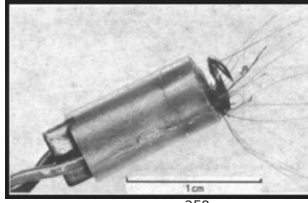
Source <sup>253</sup>

Despite clear evidence that fetal heart monitoring is not having any benefit and is only causing harm, as of 2002, more than 85% of birthing American women and their babies were forced to endure electronic fetal heart monitoring during hospital birth.<sup>254 255</sup>

Making matters worse is the fact that *internal* fetal heart monitors are sometimes used, and these torturous devices require that a metal probe be *screwed into the baby's head* and that painful "clips" be "attached" to the mother's cervix.<sup>256</sup> Ostensibly this barbarous device is used to get more accurate readings from their deficient and dangerous machines. However, the idea of screwing a metal probe into a baby's head in order to hear the baby's heartbeat is clearly marked by sadism, especially when considering that a simple wooden fetoscope has worked perfectly well for generations for this express purpose.<sup>257</sup>

Below is a picture of a fetal scalp electrode that is literally screwed into the baby's head.





Source<sup>258</sup>

Obviously, this device is going to cause pain for the baby and very likely *create* fetal distress which will, in turn, give medical staff a convenient opportunity to cry wolf and clamour for the much-desired C-section.

What male, childless inventor decided this device was a brilliant idea? Wherever he is, he should be castrated immediately and have his license to practice medicine revoked.<sup>259</sup>

Putting all of these interesting facts together, including the fact that ultrasound and fetal heart monitors have no health benefits for mothers or babies and that ultrasound and several of the drugs being used during hospital birth are also being used by the military as neuroweapons against those considered "adversaries," the obvious questions are (1) does the medical profession view birthing women and their babies as "adversaries," and (2) is the medical establishment itself part of a clandestine military assault against the masses?

Within the next generation, I believe that the world's leaders will discover that infant conditioning and narco-hypnosis are more efficient, as instruments of government, than clubs and prisons [because the former can be used to get people to] love their servitude.<sup>260</sup> -- Aldous Huxley

To be sure, from the moment of its inception, ultrasound was, and continues to be, used as a weapon. A 2017 article entitled *How Ultrasound Became Political* informs us of the following:

The origins of fetal ultrasound lie in stealth warfare... In the 1880s, French scientists Pierre and Jacques Curie discovered that they could produce sound waves with frequencies of millions of cycles per second by applying electricity to quartz crystals. Following the sinking of the

Titanic in 1912, several scientists and mathematicians experimented with these “ultrasound” signals to determine the presence of icebergs underwater... [and later developed ultrasound] devices that could surveil [German] U-Boats [during WWII]... The first known sinking of a submarine detected by hydrophone took place in April 1916. After the war, army trained scientists... turned [their attention] away from the ocean, toward women’s bodies.<sup>261</sup>

A 1965 article entitled *A Sonar ‘Look’ at an Unborn Baby*, similarly links the use of prenatal ultrasound with military endeavors:

The astonishing medical machine resting on this pregnant woman’s abdomen in a Philadelphia hospital is ‘looking’ at her unborn child in precisely the same way a Navy surface ship homes in on enemy submarines.<sup>262</sup>

Make no mistake. Ultrasound *is* being used as a weapon and for purposes of mind control.<sup>263 264 265 266 267</sup> Its discovery is intimately intertwined with the development of the first atomic bomb,<sup>268</sup> and its heritage is one of violence and espionage and the creation of lethal technologies that operate in service to the dark side.

Ultrasonic frequencies are generated through intense molecular and electrical violence replete with “molecular collisions” and “molecule displacements”<sup>269</sup> that generate “excess energy”<sup>270 271</sup> otherwise referred to as lab-created radiation. Ultrasonic radiation and atomic radiation are created in very similar ways, i.e., by inflicting violence upon molecules, damaging their delicate electrical balance, forcing the molecules to struggle in an attempt to recover from the assault, while simultaneously harvesting the energy of trauma that the molecules emit as they try to recover from the damage done to them.

In order to generate lab-created ultrasound, scientists take “piezoelectric” crystals such as quartz and bombard them with alternating electrical currents. These currents serve to electrocute the crystals,<sup>272</sup> causing them to vibrate uncontrollably at very high speeds while simultaneously morphing and deforming at the rate of millions or billions of times *per second*.

To produce ultrasound, a piezoelectric crystal has an alternating current applied across it. The piezoelectric

crystal grows and shrinks depending on the voltage run through it. Running an alternating current through it causes it to vibrate at a high speed and to produce an ultrasound. This conversion of electrical energy to mechanical energy is known as the piezoelectric effect.<sup>273</sup>

A frequency of 1MHz means the crystal deforms 1 million times per second.<sup>274</sup>

As they expand and contract,<sup>275</sup> the crystals push and pull the air around them and, according to one source, this is what generates the acoustic effect called ultrasound<sup>276 277</sup> (otherwise referred to as acoustic radiation).<sup>278</sup>

The pressurized compression and expansion of the crystals causes electrons within the crystals to either "jump out," or be forcefully pushed out of their orbits around the nucleus of the crystal atoms. When enough pressure is applied, electrons are forced out of the atom entirely, leaving the crystal in an unbalanced state called "ionization." Atomic scientists harvest the "excess energy"<sup>279 280</sup> being emitted by the traumatized molecules, vampiring it for their own satanic purposes. This is what lab-created radiation is: the energetic output of deliberately traumatized molecules.

The basic force in quartz crystal, called silicon dioxide, has a piezoelectric potential which means when heat, pressure or any type of impact is applied, the electrons in the silicon dioxide begin to jump from their orbit and release a mild electrical charge that can be harnessed.<sup>281</sup>

Once the electrons have been forced, squeezed, or pushed out of their proper orbits within the crystals, some of them try to jump back in<sup>282</sup> as they attempt to restore themselves to their natural, balanced state. This is precisely how atoms behave when they are attacked by atom-smashing machines for the purpose of generating atomic radiation. After the attack, the atoms work desperately to put themselves back together, and in their frantic efforts to recover from the assault, they emit the energy known as lab-created radiation.<sup>283</sup>

To sum up, the creation of ultrasound involves the electroshock torture of crystals and the harnessing of the resulting trauma-based energy for sordid ends. The alternating currents that are applied to the crystals cause them to morph and deform at the

rate of millions or even billions of times per second—which squeezes/pushes electrons out of their orbitals and disrupts the balanced electrical properties of the crystals. An *inverted electrical charge* is then emitted (the word “inverted” is being used here to describe an energy that occurs in response to stress or trauma), which energy is then harvested by medical radiation scientists.

For half a century, ultrasound technology has been based on the same essential hardware. Ultrasound waves are bounced off tissues in the body and converted into electrical signals by small crystals.<sup>284</sup>

As the crystal atoms struggle to recover from the electrical assault, they emit what scientists refer to as “excess energy” otherwise known as lab-created radiation. They also send out a very high-pitched, tortured scream that scientists call “ultrasound.” It is this high-pitched, tortured screech that many people with “tinnitus” are now hearing 24/7.<sup>285 286</sup>

Although it may seem completely insane to imagine that crystals are being tortured in order to create artificial ultrasonic frequencies, it is nevertheless a fact that crystals are living beings and not inanimate objects. Crystals can send out an electrical charge precisely because they are animated by the very same life force that animates humans and all of nature. Crystals are self-repairing structures<sup>287</sup> that grow in a magnificently orderly fashion over many millennia.<sup>288</sup> They are encoded with a tremendous amount of historical information about our Earth and its true history.<sup>289</sup>

Many quartz crystals are between 40 million to 400 million years old and are like memory chips that have been recording the frequencies of our planet's growth.<sup>290</sup>

In their pristine condition, crystals are designed to hold and transmit energies that can bring order, balance, stability, and healing to our Earth and to the human body.<sup>291 292</sup>

Quartz is thought to stimulate the entire immune system and help bring...balance and a greater state of health.<sup>293</sup>

By disrupting the inherent electrical order of the crystals, scientists are preventing the crystals from transmitting healing and stabilizing frequencies to our world. What they are doing is

disturbing the natural order of Creation and unleashing chaotic energies on Earth. Moreover, in the same way that electroshock “therapy” can be used to wipe out the memory of humans and other animals,<sup>294 295 296</sup> it can also be used to scramble the ancient information held within crystals. This type of activity is harmful—not only to crystals, but to our world.

Significantly, the human body is crystalline in structure. Our bones are crystalline<sup>297</sup> and so is our blood.<sup>298</sup> The cerebrospinal fluid that bathes our brain and nervous system is crystalline,<sup>299</sup> and we have crystals in our ears,<sup>300</sup> pineal gland,<sup>301</sup> and in most every part of the body.

The key to understanding the assimilation of energy into our physical structure is through the awareness of our bodies as a series of synchronous, interacting, crystal structures. The human body on this level is a linkage of oscillating solid and liquid crystals that form an overall energy pattern for the total body. Each organ, gland, nerve system, cell, and protein structure, even the tissue salts in the body, shows a level of organization with some degree of crystalline function.<sup>302</sup>

Because of our crystalline nature, what is happening to the crystals is also happening to us. Through resonance, our bodies naturally begin to vibrate with other crystals in our vicinity.<sup>303</sup>

When we bring the crystal into our electromagnetic field, two things occur. The electromagnetic frequencies carried by the stone will vibrate with related frequencies in our own energy field through the physical law of resonance, creating a third larger vibration field. The nervous system is attuned to these shifts in energy and transmits this information to the brain. Here the frequencies stimulate biochemical shifts that affect the physical body and shift brain function.<sup>304</sup>

Therefore, whenever we come into contact with a crystal that is being electrically shocked and forced to morph and deform at the rate of millions or billions of times per second, so too, the crystals and cells in our own body will begin to vibrate uncontrollably while morphing and deforming<sup>305</sup> in resonance with the crystal(s) inside an ultrasound transducer.<sup>306 307</sup> (See images on pages 83-84 of

this book for an example of cellular deformation caused by ultrasound exposure).

Hence every time a medical professional places an ultrasound transducer on a woman's belly during pregnancy (or inserts it directly into her vagina), the electro/mechanical violence and discordant, life-destroying frequencies within that transducer are negatively influencing the mother's brain and body as well as that of her child.

Moreover, human biology and consciousness can be easily and deliberately manipulated with ultrasound (or exposure to any radiation-emitting technology) since the energy used to power these devices interferes with the normal electromagnetic signaling of the human body. This disturbance scrambles the transmissions we should be receiving from the Earth and our Source.<sup>308</sup>

It is important to note here that humans as well as crystals are said to be "piezoelectric" because we emit an electrical charge when we are stressed or traumatized. This trauma-induced electrical energy is viewed by scientists as a source of "renewable energy."

A piezoelectric effect is the creation of an electromagnetic field (EMF) pulse when a crystalline structure is physically stressed or pushed out of its normal shape.<sup>309</sup>

Piezoelectricity...is an electric charge that accumulates in certain materials such as crystals, ceramics and bone, when a stress or strain is applied to the material... Put briefly, piezoelectric materials create electricity when stress is applied, and become stressed when electricity is applied.<sup>310</sup>

Quartz crystals...produce electricity when pressure is applied to... The atoms get disarranged which produces a small amount of energy that needs to be released for the material to obtain its original shape... This small amount of electrical energy can be stored or drive an electric circuit... More materials are piezoelectric than you might think, such as DNA, bone, and silk.<sup>311</sup>

Not surprisingly, human "piezoelectricity" is being harvested by these energy vampires.

Researchers have long sought to harvest renewable energy from the world around us. Now, scientists are turning inward. The beating of our hearts, the rush of our blood and the myriad chemical reactions that keep us alive are all potential energy sources... Engineers at the University of Illinois at Urbana-Champaign and Northwestern University teamed up with cardiologists at the University of Arizona to develop what they call piezoelectric nanoribbons, which attach to the outside of the heart muscle... These tiny strips contain crystals that create an electric current when flexed — each time the heart expands and contracts... Two biomedical scientists at the University of Malmö in Sweden created an electric current between two electrodes placed in a solution of blood and water. Through a chemical process known as reduction/oxidation, one electrode steals electrons from glucose, the natural sugar in the blood and becomes an anode, which releases electrons. The other electrode becomes a cathode, which gathers electrons, in this case, from oxygen, effectively making the system a blood-fueled battery... Our cerebrospinal fluid...is rich in glucose. Some innovators want to use that glucose the same way our bodies do — to create energy.<sup>312</sup>

Israeli jewelry designer Naomi Kizhner's... innovative pieces are meant to be inserted into the wearer's veins, harnessing kinetic power from the body's involuntary movements to produce electricity. The collection, named 'Energy Addicts', features invasive pieces of gold jewelry that have golden spikes at each end, which are inserted into the wearer's veins in two places. The continuous flow of blood turns the golden wheel inside the design, eventually creating sufficient kinetic energy to produce electricity that is sufficient to light up an LED and soon maybe even charge mobile devices.... The collection consists of three pieces — the Blood Bridge, the Blinker, and the E-Pulse Conductor. The Blood Bridge is inserted on the veins of the lower arm, while the Blinker fits on the bridge of the nose, harnessing the energy created while blinking. Each time the wearer blinks, there is an increased flow of blood to the area around the eyes and the statement jewelry collects that energy. The E-pulse Connector fits on the upper back, collecting energy from the spinal cord nerves.<sup>313</sup>

I strongly encourage my readers to view the article from which the above excerpt was taken. Follow the link in the above-referenced endnote to view the devices that Naomi Kizhner spawned "*as a part of her graduation project*" at an Israeli college. It is clear this creature cannot contain the evil that lurks within her.

Below is yet another example of the many methods by which "they" are seeking to harvest human energy.

The idea of harnessing human movements came to Kim one night in December 2013... Li had just attended a meeting of materials science researchers where talks about lithium ion batteries included a discussion of stress on the battery. Applying stress on a lithium battery alters the voltage and reduces the battery's capacity. But what if you could turn this stress to an advantage?... What Kim came up with is a device that has a similar structure as a battery: two conducting electrodes separated by a liquid electrolyte. Unlike a battery, the energy harvester uses the same compound, a mix of lithium and silicon, for both electrodes. This creates a volleying effect when physical stress is applied. The pressure forces one electrode to spit out lithium ions and...upsets an equilibrium that causes the other electrode to open up and accept the rejected lithium. The electrolyte forces them to separate into lithium ions and electrons. The electrons travel through a circuit and get captured as electricity. The electrons then meet up with lithium ions on the other end and move into the electrode. Unbending the device takes away the stress and causes the electrons and lithium ions to travel the other direction. That reversal creates another flow of electrical current.<sup>314</sup>

Notice that these reversals are based on pressurized forces causing an upset in the equilibrium of the "battery" (humans). This leads to a disturbance in the electron/ion transport system (extremely harmful to the neurological functioning of the body) and results in the emission of an inverted electrical charge. The radiation establishment capitalizes on these trauma-based emissions which are viewed as a source renewable energy.

In summary, the foundation for ultrasound lies in the harnessing of piezoelectricity which is generated by purposefully inflicting electrical and mechanical stress on crystals so that they will



become electrically imbalanced. "Piezoelectricity" is then emitted by the crystals and subsequently harnessed. "Excess energy" (i.e., trauma-induced radiation discharge) is also emitted by the crystals as they frantically try to recover from the assault. This energy is also harvested and then recycled through various radiation-emitting devices.

Many alleged professionals (some of whom are clearly controlled opposition and oft quoted in the mainstream media) have vehemently argued that ultrasound is *not* electromagnetic in nature. However, the obvious question is this: How is this energy *not* considered electromagnetic when, in fact (a) its foundation lies in zapping crystals with electricity; (b) the electricity thus applied serves to *deliberately* disrupt the delicate electrical balance of the crystals; (c) the crystals then become electrically imbalanced and depolarized and thereby emit an *inverted* electrical charge called "piezoelectricity," as well as trauma-induced radiation, both of which energies are harvested by mad vampiric scientists and claimed to be a source of "renewal energy"; (d) after which all of this trauma-based, electrically-charged energy is recycled through various radiation-emitting devices from which it branches out and ricochets in all directions, creating even more stress and trauma (resulting in more "renewable energy"); and (e) the trauma-based energy is used to successfully disrupt the electromagnetic signaling of all living things.

Ultrasound emits magnetic fields which is what the electromagnetic spectrum measures. If you are exposed to too many ultrasound waves, it can harm your health. Ultrasound waves are in the category of x-rays on the [electromagnetic spectrum] which means that the waves are quite small and damaging.<sup>315</sup>

Ultrasound...runs on piezoelectricity. Applying voltage to a piezoelectric crystal makes it vibrate, sending out a sound wave.<sup>316</sup>

Various diagrams place ultrasound on the electromagnetic spectrum<sup>317 318 319</sup> (see diagram on page 19 of this book), and the World Health Organization included discussions about ultrasound at its 2017 gathering called the "*International EMF Project*."<sup>320</sup>

Infrasound and Ultrasound - Why do we even talk about this here? In the USA, the FDA includes infrasound and ultrasound within its definition of radiation.<sup>321</sup>

ICNIRP's [International Commission on Non-Ionizing Radiation Protection] guidance on ultrasound is being updated.<sup>322</sup>

The following quotes also reveal the interconnection between acoustic energy (which is claimed to be "mechanical")<sup>323</sup> and electromagnetic energy.

Non-ionizing radiation (NIR) is a generic term used to describe electromagnetic radiation that does not carry enough photon energy to ionize atoms or molecules and, as per its definition, also includes mechanical waves (infra- and ultrasound).<sup>324</sup>

When time-gated microwaves strike the surface of a material, there is a generation of ultrasonic waves.<sup>325</sup>

Cell Phone Apps Gather User Data Using Ultrasound Signals.<sup>326</sup>

Ultrasound Patch "would communicate with your cellphone, where AI algorithms would analyze the images on demand".<sup>327</sup>

Overall, the airborne ultrasound emitted by the proposed wireless power system should be safe if it is transmitted into the body, though thorough safety testing of a working system would still be needed.<sup>328</sup>

Electromagnetism...is responsible for all the interactions between atoms that produce the compression or shear forces that generate sound waves."<sup>329</sup>

The heart of an ultrasound probe is the acoustic stack, the main component of which is the array. Composite arrays are composed of: 1) a Piezoelectric material that provides the necessary transduction of mechanical to electrical energy and vice versa, and 2) a supporting polymer that isolates the element while shaping the mechanical and electrical properties of the [piezoelectric] elements...

Electrical noise may be generated by the transducer itself.<sup>330</sup>

Even if these are mechanical sound waves, produced by a mechanically vibrating transducer of some sort, there are electromagnetic impulses driving these vibrations. And at the frequencies used...these transducers will indeed be radiating EM [electromagnetic] waves... These electromagnetic radiations will obviously be in sync with the mechanical sound waves, which alternately compress and decompress the tissues they pass through. So cell walls, for example, will be mechanically stressed at exactly the same frequency they are being electrically stressed. There has hardly been any research on the effect of combined EM frequencies, let alone on combined mechanical and RF frequencies, so the effects of this double mechanical/electromagnetic whammy are completely unknown.<sup>331</sup>

In order to create the Frey effect of hearing and sensation of pressure within the head, there are four distinct steps involving the energy conversion from radio frequency (RF) to acoustic modalities. First, the RF energy penetrates the skull and couples to the neural tissue as a function of impedance matching and absorption in the tissue... This coupling, in turn, creates a rapid oscillation of temperature changes that leads to a rapid, volumetric thermal expansion and contraction of local tissues (i.e., the increase in thermal energy causes an increase in kinetic energy of atoms, pushing against neighboring atoms to create an expansion or swelling in all directions). The oscillating tissue expansion and contraction launches a thermoelastic pressure wave. If operated at the right pulse repetition frequency, the thermoelastic pressure wave can propagate to and excite the cochlea and vestibular organs at the resonance frequency of the cranium. Intracranial focusing is possible depending on the incident angle of the incoming RF radiation. Localization and intensity effects within a room can be achieved through nonlinear beat wave effects with careful design of the RF source and antenna.<sup>332</sup>

The hearing of microwave pulses involves electromagnetic waves... Absorption of a single microwave pulse impinging

on the head may be perceived as an acoustic zip, click, or knocking sound. A train of microwave pulses may be sensed as buzz, chirp, or tune by humans... Mechanistic studies show that the microwave pulse, upon absorption by tissues in the head, launches a pressure wave that travels by bone conduction to the inner ear, where it activates the cochlear receptors via the same process involved for normal sound hearing. Depending on the impinging microwave pulse powers, the level of induced sound pressure could be considerably above the threshold of auditory perception to cause tissue injury. The microwave auditory effects and associated pressures could potentially render damage to brain tissue to cause lethal or nonlethal injuries.<sup>333</sup>

It was found by Swicord/Brown's work that the addition of DNA salts to plain water...caused a 24-fold increase in the Specific Absorption Rate, and that this massive 24X change was not ionic, but rather 'acoustic,' meaning as a result of the mechanical receipt of vibration energy from the cellular frequency by the DNA molecular structure... So, bottom line, we have extreme vibrational change in DNA from cellular range radiation, namely a drastic 24-fold increase in Specific Absorption Rate. The importance of this repeated finding is best illustrated by the work of Dr. Henry Lai... Dr. Lai's experiments unequivocally proved the fact of DNA strand breakage from cellular telephone radiation. So once the reader understands that: 1) Through the interferometer work of Swicord and Brown at Maryland, 1983, that DNA change occurs via acoustic means, while also understanding that: 2) the work of Dr. Lai, showing that such cellular signal causes DNA breakage, then it may be responsibly suggested that the occurrence of DNA breakage, not by ionic means, but via acoustic receipt of vibrational energy. That's how people are getting hurt.<sup>334</sup>

**Indeed. People are getting hurt, and much of the harm is being caused by acoustic radiation operating in tandem with electromagnetic radiation.** Every single radiofrequency and microwave frequency is, of courses, operating in the ultrasonic range (anything over 20 kHz). Moreover, acoustic frequencies are just as disruptive to the electromagnetic signaling of the human

brain and body as electromagnetic frequencies are, and perhaps even more so.

It's not yet clear how ultrasound triggers electrical activity in neurons, but some believe that it is through thermal energy generated by sound waves. Tyler, however, says he has evidence that the neurons are activated through mechanical energy. Previous research has indeed shown that the neuron channels that control electrical activity in the brain can be activated with mechanical pressure. "What we think is happening is some kind of microcavitational effect, such as radiation or sheer strain, which affect the channels that control neural activity," he says.<sup>335</sup>

**Hence, it is no longer plausible to deny the electromagnetic aspects of ultrasound—unless, of course, one is deliberately trying to cover up the damaging effects of ultrasound by denying its electromagnetic foundation, properties, and effects.** This is no doubt the case with many who are oft quoted in the mainstream media whose true purpose is nothing other than to control the discourse in order to cover-up the facts about these technologies.

No matter what the naysayers claim, the bottom line is this: lab-created ultrasound is highly toxic and dangerous. It has the potential to negatively affect the health and lives of many innocent beings. This technology should be banned from obstetrics and, indeed, from our entire Earth.



## CHAPTER TWO

### WHAT IS RADIATION?

*Radioactivity is the explosion of the atomic nucleus, the small core of the atom.*<sup>336</sup>

*The splitting of the atom is...a scientific madness that not only brings physical damage to this afflicted world, but also psychic and mental monstrosities, horrible abominations of an infernal type.*<sup>337</sup>

In order to better understand the danger of ultrasound, it is necessary to first understand what lab-created radiation is, how it is generated, how it differs from natural radiation, and how the medical radiation establishment has deceived us in order to hide the facts. To begin our discussion, let's look at the definition of the word "radiation" and how it has "evolved" over time.

According to Oxford Dictionaries, the origin of the word "radiation" comes from late Middle English and "denotes the action of sending out rays of light"—or from Latin *radiatio(n)* from *radiare*, to "emit rays".<sup>338</sup> Similarly, the Free Dictionary defines radiation as "the emission or transfer of radiant energy"<sup>339</sup> or "to send out rays of light."<sup>340</sup>

In the above two examples, the word "radiation" refers to something bright and positive, a radiant source of energy that sends out brilliant rays of light. Yet when we look at certain other sources that define the word "radiation," *their* definitions appear to be referencing a completely different type of energy—one that is dark and menacing and is the antithesis of the original bright force. Below are some examples.

[Radiation is] a type of dangerous and powerful energy that is produced by radioactive substances and nuclear reactions... It comes from a source in the form of waves or rays you cannot see.<sup>341</sup>

Radiation is the process of sending off energy in the form of...x-rays or nuclear particles. An example of radiation are the energy waves off of a nuclear bomb.<sup>342</sup>

Hence the definition of the word radiation varies from source to source and has changed over time. In some cases, radiation is described as an energy that is bright and positive—one that sends out brilliant rays of light (such as the energy from our Sun). In other cases, it is described as an energy that is dark and dangerous, such as the energy from a nuclear bomb or from menacing rays that we cannot see. The former description of radiation is referring to *natural* radiation while the latter is referring to *lab-created radiation*.

*Natural* sources of radiation include the energy being emitted from rocks, soil, lightning, and our Sun. *Unnatural* sources of radiation are those used by the medical establishment, the telecom industry, the nuclear power industry, the military, and those involved in weapons of mass destruction.

So, where does lab-created radiation come from? How is it generated? According to those who specialize in radiation protection, this ominous energy is being emitted by “unstable,” or “excited,” atoms.

Ionizing radiation is produced by unstable atoms. Unstable atoms...have an excess of energy or mass or both. Radiation can also be produced by high-voltage devices (e.g., x-ray machines). Atoms with unstable nuclei are said to be *radioactive*. In order to reach stability, these atoms give off, or emit, the excess energy or mass. These emissions are called *radiation*.<sup>343</sup>

Hence unstable (or excited) atoms are those that emit “excess energy” in their attempts to “reach stability”. But what has caused the instability of the atom?

In general, radioactivity refers to release of particles and energy from unstable nuclei... This decomposition of the nuclei is called radioactivity. When this decomposition



takes place in nature, it is called natural radioactivity while when unstable nuclei are prepared in labs by bombarding them with slow moving neutrons, it is called artificial radioactivity.<sup>344</sup>

The above description informs us that, for lab-created radiation to be created, unstable nuclei are “*prepared in labs*” where the atoms are “*bombarded*” with slow moving neutrons. This causes a process of “*decomposition.*” Decomposition is defined by other sources as a “*process of decaying or rotting*” that causes “*one or more substances [to be] changed into others,*” ultimately leading to an “*inferior state*” of the original substance.<sup>345</sup>

Please keep in mind that where the process of decomposition occurs in the natural world, it is always for the purpose of renewal, regeneration, and the continuation of life. Every dying leaf feeds the soil. Every decaying piece of fruit releases its seed so that more fruit will be born. This is the nature of the magnificent world we call Earth. This is the loving order upon which Creation is based.

However, when the process of decomposition is actively provoked in a lab, it is often for nefarious reasons and accomplished by inflicting stress and trauma on innocent molecules. This trauma-based energy is then recycled through various radiation-emitting devices, from which it ricochets out in all directions, inflicting more stress and trauma upon everything it comes into contact with. There is no manmade, radiation-emitting device that does not harm life. *ALL such devices are harmful.* Human cells cannot adjust to these artificial frequencies. They are incompatible with life. And when the frequencies are pulsed and modulated, they are especially dangerous.<sup>346 347 348</sup> Any human contact with these frequencies will provoke a “healing response”<sup>4</sup> or what some have

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<sup>4</sup> There are some who say that certain lab-created, radiation-emitting frequencies can be used to effectuate healing. I strongly question this logic. Although it may be true that the trauma induced by exposure to lab-created radiation or frequencies will provoke a so-called “healing response” in the body—and although it is true that the body will summon up and mobilize all of its resources in order to heal from exposure to such frequencies/radiation—this type of biological response is **always** a trauma-based response, and it is **always** a desperate attempt by the body to recover from the radiation assault. The more stress and trauma that is inflicted on a body through exposure to any form of lab-created radiation, the more harm will ultimately come to that body until the system finally reaches collapse. This collapse may be termed a “healing crisis,” which is exactly what it is—a crisis caused by exposure to lab-created radiation and/or frequencies.

correctly termed: “a defensive and pathogenic membrane response: Transport channel shutdown...that interrupt[s] intercellular communication.”<sup>349</sup>

Pulsed electromagnetic frequencies have also been shown to cause neurological symptoms: depression, anxiety, headaches, muscle pain, attention deficits, insomnia, dizziness, tinnitus, skin tingling, loss of appetite, and nausea.<sup>350</sup>

In 1983, a Japanese investigator using an actual therapeutic PEMF device reported a major increase in the growth of cancer cells in culture, as well as an increase in the malignant characteristics of these cells... Since then, I have consulted with several medical-device manufacturers who were preparing other electrical devices... All of these manufacturers reported a significant increase in cancer-cell growth. Nevertheless, FDA granted approval.<sup>351</sup>

Please note—Doppler fetal heart monitors<sup>352</sup> use pulsed ultrasonic frequencies that are extremely harmful and dangerous.<sup>353</sup>

So, let’s take a closer look at how the process of decomposition (the process of creating lab-created radiation) is provoked in a lab.

How does an atom ‘get excited?’ One way is to be struck by a projectile. In an X-ray machine, a stream of fast-moving electrons is made to strike a metal target. This excites some of the electrons in the atoms of the target. In the process of giving off the excess energy thus gained, the atomic electrons send out Xrays. With the exception of Xrays, the radiation we are interested in comes from the nuclei of atoms rather than from their electron clouds. The big ‘atom-smashing’ machines one reads about are simply devices for hurling various particles against nuclei. The target nuclei then spew out radiation, including gamma rays and a great variety of particles.<sup>354</sup>

Hence radiation is emitted by atoms that have been exposed to extremely violent processes that include striking the atoms with projectiles, hurling particles at the nuclei of atoms with atom smashing machines, and/or blasting the atoms through high-voltage devices that force them to crash into metal targets. These aggressive maneuvers force electrons to be knocked out of their orbits around the nucleus of the atom (non-ionizing) or knocked

out of the atom entirely (ionizing). Sometimes the nucleus of the atom is harmed as well and the energetic output of this type of damage is referred to as “nuclear radiation”.<sup>355</sup> Scientists refer to the traumatized atoms as “unstable” or “excited” atoms, and they speak of the effects in terms of “energy gained.”<sup>356</sup> However, a more honest way to describe this violence would be to speak of the atoms as wounded, agitated, and severely physically traumatized—with some of them becoming irreparably harmed by the aggressive, unprovoked attacks inflicted upon them.<sup>5</sup>

After I ionize the water (by radiating it), the electrons from the atom's orbit all separate, creating free radicals, and then they try to come back together again, to reform into water, but the mutation messes up the function, and the form.<sup>357</sup>

Radiation goes in, alters and mutates the water in the cell, causes chemical damage, and ionization of the water is complete. When the water molecules are all separated, they try to go back together, repair themselves. But due to the 'frying' from radiation, they end up getting confused and mutated and can't go back together normally.<sup>358</sup>

Please note that it is the “*confused and mutated*” molecules that cannot repair themselves properly that are said to contribute to the development of cancer and other diseases later on.<sup>359</sup>

DNA damage is related to the initiation of cancer - if there is an error in the repair process, it could lead to a problem.<sup>360</sup>

It is known that radiation can produce effects at the level of cells, causing their death or modification usually because of direct damage to...DNA strands in a chromosome... Such damage is usually repaired completely but if not, the resulting modification—known as cell mutation—will be reflected in subsequent cell divisions and may ultimately lead to cancer. If the cell modified are those transmitting hereditary information to descendants, genetic disorders may arise... Delayed

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<sup>5</sup> Edward Teller, who is said to be the “*father of the hydrogen bomb*,” stated that atoms are conscious in the same way that humans are conscious. See Chris Everard, *The Real Doctor Strangeloves*, [ChrisEverard.com](http://ChrisEverard.com), p. 17.

health effects occur a long time after exposure... These health effects are believed to be caused by modifications in the genetic material of a cell following radiation exposure. Examples of delayed effects are solid tumours and leukaemia occurring in exposed persons and genetic disorders occurring in the offspring of persons who were exposed to radiation.<sup>361</sup>

The violent maneuvers described above can create particle collisions and molecular displacements that result in the electrical depolarization of atoms.

Depolarization marks the loss of stored electrochemical energy in brain cells and the onset of toxic processes that eventually lead to death.<sup>362</sup>

The atoms become completely disoriented<sup>363</sup> by the attacks and work frantically to try to put themselves back together and restore themselves to their original, balanced state. It is in their frantic efforts to recover from the assault that they release "excess energy"<sup>364</sup> (lab-created radiation), which energy "*radiates outwards in all directions*,"<sup>365</sup> causing a cacophony of manmade electromagnetic waves to be unleashed into space. Such energy has its foundation in trauma, violence, and the deliberate destruction of matter. Hence it will negatively influence everything it comes into contact with.

Moreover, humans too, are said to be made up of trillions of atoms.<sup>366</sup> Therefore, we are enduring the exact same type of experience as the atoms that are used to generate lab-created radiation. Just as the atoms work frantically to restore themselves to their original balanced state, so, too, our cells work overtime to try recover from the now ubiquitous radiation assault that permeates our homes, schools, automobiles, and airwaves.

However, the radiation establishment appears to have no concern about this at all. In fact, the individuals who work for this industry seem to enjoy inflicting trauma since they know it causes the emission of lab-created radiation. To them, it is all "energy gained" that can be used to help fuel their agenda and their technologies.

The obvious danger of what they are doing cannot be overstated. Atoms are the foundational glue that hold our manifest universe together. When atoms are disturbed, so, too, is the order and structural stability of our world. Those who would purposefully

inflict harm on atoms should be considered criminally insane and a serious threat to our world. Whether they know it or not (and there is no doubt that many of them fully understand this), they are engaged in a full-on assault against Creation.

God's organization of the universe can be seen in the smallest unit of substance, the atom. They are the fundamental building blocks of all materials. Atoms are not chaotic in their assembly but have an orderly arrangement in the way that electrons are added to orbitals, and protons and neutrons in the nucleus. This accounts for their periodic and predictable attributes which a God of order has created.<sup>367</sup>

Indeed. There is a kind and loving, higher intelligence that has provided our universe with order, structure, and stability. There is also a malevolent, mean-spirited, lower intelligence that seeks to disrupt that order. It is the minions of the latter force who have brought forth this wicked radiation (and all the related ultrasonic, microwave and millimeter wave weaponry that will be discussed in this book).

This is an annihilating force that hates our guts. It hates creation, it hates life. And it will do anything to destroy us completely.<sup>368</sup>

It begins with a demonic force on Earth that has done everything in its powers to destroy anything that was made beautiful and perfect. And that is us. And all natural, original biological life.<sup>369</sup>

And so, it must be emphasized that the word "radiation" can refer to two entirely different energies – one that is occurring in our environment naturally and another that is technologically produced through violence and an attack against nature. These two very different types of radiation have completely different effects, and this is because they emanate from diametrically opposed forces and with very different intent. Natural radiation, such as that which emanates from our Sun and provides light and warmth to all living things, is coming from a Source that is benevolent, regenerative and life-giving. Lab-created radiation, on the other hand—such as that being emitted by nuclear weaponry, wireless devices, and medical diagnostic machines—is coming from a source that is destructive and wholly anti-life.



## CHAPTER THREE

# ARTIFICIAL VS. NATURAL RADIATION?

*[Lab-created radiation is xenobiotic]. Xenobiotic means foreign to life or foreign to the living system... of our Earth. When we as humans create things that are outside the biologic system—especially things that are very much outside—these kinds of xenobiotic things tend to be more harmful.<sup>370</sup>*

Having taken a glimpse into how lab-created radiation is generated, it should come as no surprise that there are entities working within the radiation establishment who seek to deliberately deceive the public about the harm this radiation causes. Their disinformation campaign involves boldly twisting the facts while simultaneously and repeatedly convoluting lab-created radiation with natural radiation in an attempt to convince everyone they are one and the same. However, these two energies are not the same but rather diametrically opposed forces, which I hope to demonstrate in this chapter.

Below is one example of a convoluted statement by the radiation establishment.

Radiation is the emission (sending out) of energy from any source. X-rays are an example of radiation, but so is the light that comes from the sun and the heat that is constantly coming off our bodies.<sup>371</sup>

In the above statement, the American Cancer Society (which is an integral part of the radiation establishment)<sup>372 373 374</sup> has implied that the energy from the Sun is just like the energy emanating from x-ray machines. Nothing could be further from The Truth. As was explained in the last chapter, the radiation emitted by x-ray machines is generated through a deliberate attack against atoms which, by its very nature, is an attack against Creation. Therefore, x-ray radiation is an entirely destructive force. The radiation emanating from our Sun, however, is being delivered to us by a benevolent Source and is designed to provide light and warmth, and bring renewal and regeneration, to all living things.

Despite this obvious Truth, the radiation establishment repeatedly implies that natural and lab-created radiation can be legitimately compared. Below is another example of their twisted deception.

Radiation is energy travelling through space. Sunshine is one of the most familiar forms of radiation. It delivers light, heat and suntans. While enjoying and depending on it, we control our exposure to it. Beyond ultraviolet radiation from the sun are higher-energy kinds of radiation which are used in medicine and which we all get in low doses from space, from the air, and from the earth and rocks. Collectively we can refer to these kinds of radiation as ionising radiation. It can cause damage to matter, particularly living tissue. At high levels it is therefore dangerous, so it is necessary to control our exposure.<sup>375</sup>

In this short description, the nuclear industry attempts to clump *natural* radiation into the same category as their so-called "*higher-energy kinds*" of radiation. Both types of radiation have been labeled as "ionizing," yet they are completely different forms of energy with the former being generated by nature and the latter being generated by those who are eager to destroy it.<sup>376</sup> Obviously, natural radiation does not cause "damage to matter" or living tissue the way lab-created radiation does. In fact, natural radiation is reparative.<sup>377 378</sup>

Exposure to sunlight is thought to increase the brain's release of a hormone called serotonin. This is associated with boosting mood and helping a person feel calm and focused... Exposure to sunlight can also benefit those suffering from nonseasonal depression, premenstrual



dysphoric disorder, and in pregnant women with depression, according to the Journal of Psychiatry & Neuroscience... Exposure to the ultraviolet-B radiation in the sun's rays causes a person's skin to create vitamin D... [which] plays a big role in bone health. Low vitamin D levels have been linked to rickets in children and bone-wasting diseases like osteoporosis and osteomalacia.<sup>379</sup>

When the sunlight strikes your skin, it's like powering your battery. When you're barefoot on the ground, and the ground is slightly wet, and you're in full sunlight, you're acting like a battery, receiving the light from the sun.<sup>380</sup>

Alexander Wunsch is a German physician of holistic medicine and photobiology... He believes, like I do, that the sun is a great healer...

*'I came to the conclusion that we are perfectly adapted to the radiation of our sun.'*

Heliotherapy, or sun therapy, is when you use sunlight directly without removing or altering any part of the light spectrum. Early examples of heliotherapy include the use of sunlight to treat tuberculosis prior to the discovery of antibiotics, and they did that quite successfully. Sunlight was also used to treat rickets and other diseases associated with light deficiency (which we now know as vitamin D deficiency). According to Alexander, humans are adapted to sunlight as a complex stimulus, and when you remove that stimulus (sunlight), you end up with problems.<sup>381</sup>

The Truth in the above statements should be obvious to most people, yet the radiation establishment incessantly tries to convolute the facts and convince everybody that natural radiation is harmful, but that "low levels" of their lab-created radiation are perfectly safe.

The rays from the sun pose more of a risk than radio waves.<sup>382</sup>

Please note that the above statement is 100% false and a complete inversion of reality. People need to be aware of these lies and wary of those who would engage in such deliberate trickery.

In its unending effort to deceive the public, the radiation establishment puts out conflicting information such as the following, in which one source claims that the Sun's energy is "ionizing" while another says it is "non-ionizing."

Ultraviolet rays from the sun are also considered ionizing radiation. Excessive exposure to ionizing radiation CAN potentially cause changes (also known as "mutations") to the DNA of your body's cells. These mutations can lead to abnormal and uncontrolled cell growth, which is called cancer. Both radiation therapy and the sun's rays can lead to skin damage and irritation... Excessive sun exposure is the main cause of most skin cancers.<sup>383</sup>

The light from the that reaches the earth is largely composed of non-ionizing radiation, since the ionizing far-ultraviolet rays have been filtered out by the gases in the atmosphere, particularly oxygen. The remaining ultraviolet radiation from the Sun is in the non-ionizing band, and causes molecular damage (for example, sunburn) by photochemical and free-radical-producing means that do not ionize.<sup>[citation needed]384</sup>

Note how both of the above sources have attempted to make the rays from our Sun sound dangerous and harmful rather than life-giving and regenerative. By claiming that the Sun causes "molecular damage" and "mutations" in DNA, for example, they are not only deliberately misleading people, but also trying to downplay the damage that lab-created radiation causes by pretending that natural radiation has the same effects (which it most certainly does not).

When we look at their claims more closely, however, we note that Wikipedia's pronouncement that the Sun causes the production of free radicals has no citation whatsoever—which makes sense when you uncover the facts.

It is important to note here that the sun does not cause free radical movement, rather it's the sunscreen lotions that contain some chemicals which increase the process of free radical damage.<sup>385</sup>

When you look at the chemical sunscreens... 90% of the photonic energy will be transformed into...free radicals...

Chemical sunscreens...will penetrate into your skin and produce additional reactive oxygen species.<sup>386</sup>

The bogus "science" that has been used to bolster the notion that we should lather on toxic sunscreen in order to block the rays from our Sun (and thereby prevent skin cancer) would be utterly laughable if it were not so sinister and based on an agenda to deceive.

The research that 'proves' that sun exposure increases your risk of skin cancer is just atrocious... Some of the research is done on [human infant] foreskins—so that when we circumcise a baby, they would collect the foreskins and then they would do *in vitro* research on the foreskins with ultraviolet light... [The fact is], we would be extinct as a species if Sun exposure caused skin cancer and melanoma—[especially] at the rates that we're currently having.<sup>387</sup>

Of course, with respect to the above-mentioned "science," the alleged testing was obviously done in a lab (since it was *in vitro*) with foreskins that had been acquired through the ritual sexual torture and genital mutilation of human infants. The stolen foreskins were then exposed to *lab-created* ultraviolet light and *not* to natural sunlight. Since lab-created ultraviolet light was used for said research, it should immediately be disqualified and rendered invalid since the outcome has no relation whatsoever to what would actually occur if a human infant foreskin—attached to a human infant body—were exposed to natural sunlight.

Fake science notwithstanding, the Truth remains – skin cancer is much more likely to be caused by the toxic chemicals in sunscreen<sup>388 389 390</sup> than from exposure to the Sun. Indeed, **exposure to the Sun actually protects against skin cancer.**

One of the world's leading authorities on natural cancer cures, Dr. Leonard Coldwell, asserts that the chemicals in sunscreen cause most skin cancers and not the sun. In addition, a 2004 study...showed indoor workers were twice as likely to get skin cancer as those who spent more time in the sun: 'Paradoxically, outdoor workers have a decreased risk of melanoma compared with indoor workers, suggesting that chronic sunlight exposure can have a protective effect...' Appropriate sun exposure helps maintain adequate levels of vitamin D. Using sunscreen

interferes with that exposure and could be contributing to the rise in skin cancer... Andreas Moritz, a leading practitioner in the field of alternative and integrative medicine, goes so far as to state, 'Sunscreen is the leading cause of skin cancer.'<sup>391</sup>

Countless studies have shown that sun exposure actually reduces the risk of skin and other cancers. How does sunlight *reduce* the risk of cancer? Vitamin D increases cell differentiation, suppresses growth signals, reduces cell proliferation, reduces the effect of IGF-1 (insulin-like growth factors) on cancer progression, and inhibits angiogenesis (formation of new blood vessels in tumors). Therefore, it is more likely that low vitamin D levels account for the rise in skin cancer incidences. In fact, numerous studies show that low vitamin D status may actually contribute to the development of cancers of the skin, breast, colon, ovaries, and others.<sup>392</sup>

Clearly, regular exposure to the Sun is necessary for good health while a lack of it can contribute to early death.<sup>393</sup>

A major study conducted by researchers...in Sweden found that women who avoid sunbathing during the summer are twice as likely to die as those who sunbathe every day. The epidemiological study followed 30,000 women for over 20 years and '*showed that mortality was about double in women who avoided sun exposure compared to the highest exposure group.*' Researchers concluded that the conventional dogma, which advises avoiding the sun at all costs and slathering on sunscreen...is doing more harm than actual good.<sup>394</sup>

Hence, each time a radiation "expert" claims that the Sun's rays are harmful, he or she is uttering complete and total nonsense. Such lies are standard operating procedure for those who support the dark industry of lab-created radiation, as the following excerpt confirms.

According to everything we know about physics and biology, cellphones should not cause cancer. The radio waves they emit are 'nonionizing,' meaning they don't damage our DNA the way ultraviolet light from the sun or X-rays do.<sup>395</sup>

Notice the attempt to turn that which is good and beneficial (i.e., natural radiation from our Sun) into something harmful while simultaneously trying to turn that which is life-destroying and deadly (i.e., cell phone radiation) into something benign. When examining radiation literature, this kind of reversal can be seen again and again.

Ever since radiation was discovered, people have benefited from its use in medicine and industry... There are countless areas where the power of radiation and nuclear techniques has been harnessed for the benefit of mankind... It's a natural conundrum! Being exposed to too much radiation can be harmful, if not lethal. On the other hand, without radiation, we wouldn't benefit from the heat of the sun and life wouldn't exist as we know it.<sup>396</sup>

Here they are trying to convince people that the Sun's energy could somehow be harmful (if we are exposed to "too much"), but that humans could not possibly exist without the myriad "benefits" of lab-created radiation. Nonetheless, humans and all life forms have existed in good health for centuries while being fully exposed to the Sun. It is only since the introduction of lab-created radiation/frequencies into our environment that the health of Mankind has taken a serious downturn.<sup>397 398</sup> Therefore, the so-called "benefits" of lab-created radiation exist only in the minds of those who support this deadly industry.

Below are a few more examples of what can only be described as radiation establishment "word-magic," used to confuse, convolute, and confound the public about the facts regarding lab-created radiation. According to North Shore-Long Island Jewish Health System ("North Shore LIJ"):

There are no known proven carcinogenic effects from radiation levels in the order of magnitude of natural background radiation. Keeping this in mind, one can conclude that exposures from manmade radiation in the same order of magnitude as background radiation, should have no adverse effects on the human population.<sup>399</sup>

In the above example, North Shore LIJ conveniently forgets to mention that there is not a shred of evidence to prove that natural "background" radiation is carcinogenic. If they were to admit this, their entire narrative would crumble to the ground. So instead of

stating the facts, they convolute the information as best they can, babbling on about radiation “levels” and “orders of magnitude,” as if these concepts have any real significance which, as we will soon see, they absolutely do not.

There's been a campaign since 1951 to convince the public that low-level radiation is harmless. The myth is that there is a 'safe threshold' of exposure to radioactive material...a permissible dose below which no health effects can be detected. [But] our collective gene pool of life, evolving for hundreds of millions of years, has been seriously damaged in less than the past fifty.

For decades, we had been told that these very low levels of radiation were harmless! Those who determined the standards reduced the exposure level to one where [if] you didn't see anybody drop dead, it looked like 'safe,' but it isn't."<sup>400</sup>

All of their concepts regarding “radiation levels” and “orders of magnitude” appear to be designed for one purpose only—to confuse people and prepare people for their #1 lie – i.e., the idea that the *type* of radiation we are being exposed to is irrelevant and what really matters is *amount* of radiation exposure. Hence, we repeatedly see an emphasis on radiation dose (otherwise referred to as the “*linear no-threshold hypothesis*”),<sup>401</sup> which implies that the more radiation one is exposed to, the more likely one is to get cancer. This deceptive hypothesis, however, was created to cover up the fact that **all exposure to lab-created radiation, at any level and even after a single dose, is harmful**. Exposure to natural radiation does not produce these harmful effects.

Current guidelines for limiting exposure of humans to ionizing radiation are based on the linear-no-threshold (LNT) hypothesis for radiation carcinogenesis under which *cancer risk increases linearly as the radiation dose increases*. With the LNT model even a very small dose could cause cancer and the model is used in establishing guidelines for limiting radiation exposure of humans.

Here we get a glimpse into the built-in contradictions of their claims. In one sentence, they pronounce that cancer risk increases linearly as radiation dose goes up, and in the next sentence they claim that even a very small dose can cause cancer. So, which is

it? Do we need to be exposed multiple times to "high doses" of lab-created radiation in order to get cancer, or is one "low dose" exposure (such as that which is offered through prenatal ultrasonography) enough to potentially cause cancer? They already know the answer, but they don't want us to know.<sup>6</sup>

Note, also, how they imply that natural radiation (otherwise referred to as "background" or "small dose" radiation) is just as likely to cause cancer as lab-created radiation. According to their anti-logic, if we expose ourselves to "too much" natural radiation (by spending "too much" time in the natural world, for example), we are just as likely to get cancer as when we expose ourselves to "too much" lab-created radiation (such as repeatedly going to the doctor and allowing ourselves to be exposed to their radiation-emitting, "diagnostic" and "therapeutic" machines). Obviously, these two types of radiation are entirely different, and spending time in nature cannot be legitimately compared with spending time sitting in front of a manmade, radiation-emitting machine. Nevertheless, the radiation establishment makes concerted efforts to try to trick the public into believing that *all* radiation causes cancer. Toward this end, they have invented numerous fictional stories (and repeated them ad nauseam in their lapdog media) about how exposure to the Sun causes skin cancer. This is absolutely not true.<sup>402 403 404</sup>

Regardless of its accuracy, when something is repeated a sufficient number of times, people will start to believe it. The cancer and sunscreen industries have made it their mission to convince the world that sunlight is a primary cause of skin cancer, when in fact it has been shown to prevent it. Considerable evidence shows that blocking the sun's rays from reaching our skin with, for example sunscreen, significantly decreases our uptake of vitamin D levels, leading to higher mortality...and cancer itself.<sup>405</sup>

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<sup>6</sup> I do not mean to imply here that radiation dose is irrelevant. In fact, radiation dose DOES matter since **every exposure to lab-created radiation causes harm**. Therefore, the more exposure to this lethal energy, the more harm will come to our bodies. What I am trying to stress here is that **even a single dose of exposure to any of their radiation-emitting technologies can cause DNA damage which may lead to cancer and various other illnesses over time. Every exposure matters, and this is especially true for babies and children**. Lab-created radiation needs to be banned from the Earth, permanently. It is wreaking havoc on all life systems.

In summary, the two studies...provide intriguing new evidence that solar radiation may have a beneficial influence in both the incidence and outcome of cancer.<sup>406</sup>

Indeed, radiation from the Sun has been shown to be beneficial and regenerative. Other sources of natural radiation, such as radon<sup>407</sup> and lightning<sup>408</sup> have also been documented to induce beneficial health effects. Yet the media incessantly engage in fear-mongering, for example, warning people about the alleged dangers of radiation from lightning.

New information about lightning-emitted X-rays, gamma rays and high-energy electrons during thunderstorms is prompting scientists to raise concerns about the potential for airline passengers and crews to be exposed to harmful levels of radiation. Scientists...have estimated that airplane passengers could be exposed to a radiation dose equal to that from 400 chest X-rays if their airplane happens to be near the start of a lightning discharge.<sup>409</sup>

Thunderclouds can unleash many types of *radiation*. One type is X-rays. It's the same type of radiation that doctors use to peer inside the body in search of a broken bone, say, or evidence of cancer. A related form, gamma radiation, can be hundreds of times or more energetic than X-rays... occasionally, earthly thunderstorms unleash a monster explosion of gamma rays.<sup>410</sup>

Please note there is no mention in the above commentary about the *exorbitant* amount of radiation that pilots, stewardesses, and all airline passengers are now being exposed to thanks to hundreds of WiFi devices<sup>411</sup> currently in use on many domestic and international flights.<sup>412</sup> No mention either about aerotoxic syndrome, which has been triggering a health crisis among airline personnel for decades.<sup>413</sup> Instead of addressing these very serious concerns, the authors of the above two excerpts focus on lightning as a major health threat, implying that lightning and x-ray radiation are the same. However, research shows that **radiation from lightning has protective cellular effects** (unlike the effects of x-rays, which are destructive).<sup>414 415</sup> Radiation from lightning has proven itself to be especially protective for organisms living under stress conditions (such as those created by chronic exposure to lab-created radiation).



Lightning was the main electromagnetic presence in the Earth's atmosphere long before the invention of electricity. There are some 2,000 thunderstorms active at any given time, so humans and other organisms have been bathed in extremely low frequency electromagnetic fields (ELF) for billions of years. These electromagnetic fields...may have protective properties for organisms living under stress conditions.

'The Schumann Resonance fields certainly had an effect on living tissues... The most important effect was that the atmospheric ELF fields actually protected cells under stress conditions. In other words, when biological cells are under stress—due to lack of oxygen, for example—the atmospheric fields from lightning... appear to protect cells from damage.'<sup>416</sup>

Hence, despite the hysterical commentary about "*monster explosions of gamma rays*," and "*harmful levels of radiation*" akin to "*400 chest x-rays*," in fact, lightning radiation is protective, and therefore, beneficial to life.

Significantly, "*the radiation emitted by high voltage lines often has the effect of suppressing the natural radiation of lightning.*"<sup>417</sup> Hence, manmade electricity is interfering with the Earth's ability to receive the beneficial effects of lightning.

And yet, the radiation establishment continues its ruse. Below we will see how they attempt to conjure up fear about the so-called perils of radon—a naturally occurring radioactive gas being emitted from rocks and soil. Radon is actually a beneficial source of heat within our Earth,<sup>418</sup> yet we are warned by the EPA that it is a major health hazard.

Radon is the number one cause of lung cancer among non-smokers, according to EPA estimates. Overall, radon is the second leading cause of lung cancer. Radon is responsible for about 21,000 lung cancer deaths every year. About 2,900 of these deaths occur among people who have never smoked. On January 13, 2005, Dr. Richard H. Carmona, the U.S. Surgeon General, issued a national health advisory on radon.<sup>419</sup>

Not surprisingly, when we look more closely at the facts, we discover that radon is only a health problem when it builds up

inside of poorly built houses or other technocratic structures. These structures interfere with the natural flow of energy in our environment and contribute to the emergence of health problems.<sup>420</sup>

Radon is present in the atmosphere everywhere, and can seep directly into buildings through cellars and floors, where its concentration...can build up. Mainly when homes are heated, warm air rises and escapes at the top of the house through windows or leakages, which creates low pressure in the ground floor and basement. This, in turn, causes active suction of radon from the subsoil through cracks and leakages (e.g. around service pipe entries) at the bottom of the house.<sup>421</sup>

Thus, radon becomes problematic only within the confines of the technocratic world. In a natural, undisturbed setting however, radon is not only *not* a health hazard, but is sought after by people all around the world as a natural healing agent that produces beneficial health effects.<sup>422 423 424</sup>

Radioactive radon gas is widely considered to be a health hazard by environmental agencies in the United States and in Europe. Yet despite the warnings of these agencies, thousands of people annually expose themselves to radon for therapeutic purposes, in facilities ranging from rustic old mines, to upscale spas and clinics.<sup>425</sup>

In Truth, there is an abundance of evidence indicating that **natural sources of radiation are beneficial, while those that are technologically produced are extremely harmful.** Yet the radiation establishment incessantly tries to cover up this fact by putting forth distortions and outright lies.

The folks at North Shore LIJ are expert at these distortions and we will see in the next excerpt how they engage in Luciferian doublespeak, asserting the falsehood that, since humans are exposed to "very little" radiation from natural sources and this "amount" causes no harm, then it must follow that the same "level" of exposure from lab-created radiation will also have no negative health consequences.

Keeping this in mind, one can conclude that exposures from manmade radiation in the same order of magnitude

as background radiation, should have no adverse effects on the human population.<sup>426</sup>

Note the clever use of language here: i.e., “*manmade radiation in the same order of magnitude*” as natural radiation “*should*” have no adverse effects. Of course, **the fact that lab-generated radiation does have adverse health effects—even after a single exposure<sup>427</sup>—is never mentioned.** Neither is it ever made clear what, exactly, the term “order of magnitude” means.

[John W. Gofman] came to understand the true dangers of artificial, man-made radioactive matter and how the government, and the people in charge of the nuclear industry, were suppressing the facts of this danger from humankind. The myth is that there is a ‘safe threshold’ of exposure to radioactive material, a permissible dose below which no health effects can be detected.

*‘I began to look at all the ads that I had just cursorily seen in ‘Newsweek’ and ‘Time’ and ‘Life,’ two-page spreads from the utilities, talking about their wonderful nuclear power program. And it was all going to be done ‘safely,’ because they were never going to give radiation above the safe threshold. And I realized that the entire nuclear power program was based on a fraud—namely, that there was a ‘safe’ amount of radiation, a permissible dose that wouldn’t hurt anybody.’<sup>428</sup>*

John Gofman was an integral part of the Manhattan Project. Eventually he acknowledged that what he had participated in was evil. He stated:

People like myself and a lot of the atomic energy scientists in the late fifties deserve Nuremberg trials.<sup>429</sup>

Hence there can be no doubt that the linear no-threshold hypothesis is based on fraud since **lab-created radiation in any amount (no matter the “order of magnitude”) is deleterious to life.** This absolute fact does not stop the radiation “experts” at North Shore LIJ from continuing their deception. In the text below, we will see how they take their distortions to the next level.

There are small amounts of naturally occurring radioactive substances in soil, rocks, plants, animals, and in our own

bodies, all of which give off radiation... This low level of naturally occurring radiation is known as background radiation... Radiation is known to cause cancer and birth defects in animals and humans. The risk of radiation damage is related to the amount of radiation absorbed by an individual.<sup>430</sup>

Note how, from one paragraph to the next, North Shore LIJ has made a huge leap in trying to convince the public that natural radiation is dangerous. No sooner do they finish talking about natural "background" radiation, then with the next breath they are mentioning cancer and birth defects. The fact that natural radiation has never been proven to cause a single birth defect is irrelevant to these masters of deception. They are so committed to deceiving the public about the overwhelming damage that lab-created radiation is causing, that they repetitively convolute natural radiation with lab-created radiation—making blanket statements like "*radiation is known to cause cancer and birth defects*" and "*radiation damage is related to the amount of radiation absorbed by an individual.*"

Naturally, they do not provide a single shred of evidence confirming that natural radiation causes these damaging effects, and in fact, they never will because none exists. Mankind and all life forms have been living with natural "background" radiation for at least several hundred millennia without any negative health consequences. Furthermore, as has already been discussed, natural radiation has been proven to be beneficial, regenerative, protective, and reparative. Yet these purveyors of falsehood do not want to come clean with the facts, so they make the claim that ALL radiation causes damage and then direct our attention toward "*radiation dose.*"

Not surprisingly, the concept of radiation dose is also based on sleight of hand. Below is an explanation from an esteemed contributor to the field of medical radiation science who outlines for us the "specifics" of absorbed dose. The text is being cited at length so that my readers can see the absolute mumbo-jumbo word dance these "scientists" engage in when they are involved in deceptive agendas and promoting lies.

As with ionizing radiation, 'absorbed dose' cannot be directly measured for FUS [focused ultrasound]. Exposure can be measured in terms of parameters such

as acoustic power and pressure. A variety of proxies for absorbed dose have been proposed for FUS, including degree × minutes, specific absorption rate (SAR), power density, etc.... The *de facto* standard for thermal dose is the thermal isoeffective dose. Cumulative equivalent minutes at 43°C (CEM43°C) =  $tR^{(43-T)}$ , where t is the time in minutes, T is the average temperature during the time interval, and R = 2 for T > 43 °C. In the case of FUS, where the temperature is changing quickly with time, the equation is summed over small time intervals, assuming a constant T over each interval... The constant R has been estimated from *in vivo* and *in vitro* studies on a variety of tissue types... The cutoff temperature of 43 °C was chosen arbitrarily...however, it is close to the temperature at which the slope of the Arrhenius plots change in human tissue.

The isoeffective dose concept is popular because it is simple to understand, and if tissue tolerances are well known at a single temperature/time point, the equation can be used to extrapolate to various temperature/ time combinations. However, the values for R are not well known at very high temperatures (>57 °C) generated with HIFU [high intensity focused ultrasound], are not proven at the temperature change rates associated with HIFU for thermal ablation, and are not necessarily constant across different tissue types. Isoeffective dose may be sufficient for temperatures up to 57 °C, and may be useful for describing the outer boundary of tissue damage... Further research on tissue response to various thermal treatments may provide methods to better characterize "thermal dose," and may eventually be able to incorporate cavitation, FUS-mediated pharmacokinetics, and other effects into some sort of "thermal dose equivalent" somewhat similar in idea to the "Effective Dose" used to describe the overall biological damage associated with an exposure to ionizing radiation.<sup>431</sup>

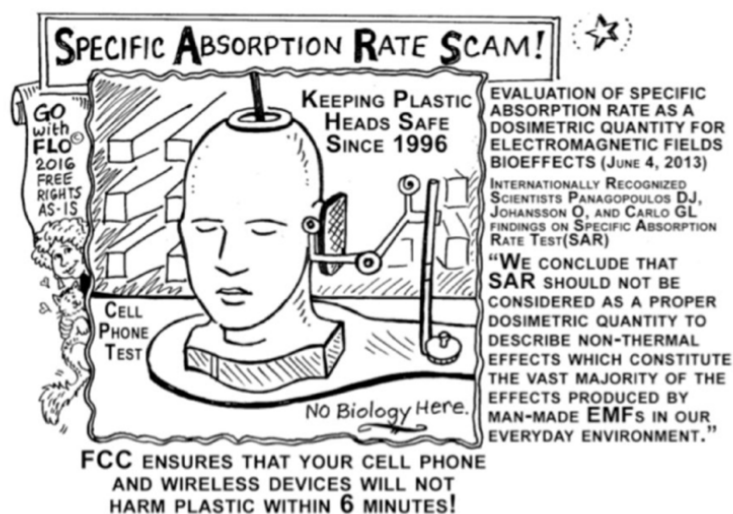
Note the variety of statements confirming that absorbed dose:

- cannot be directly measured; therefore
- a variety of proxies have been proposed;
- the constant R has been estimated;
- the cutoff temperature was chosen arbitrarily;

- the values for R are not well known; and
- the values for R are not necessarily constant across different tissue types, etc.

Hence, to pretend that absorbed dose is based on an exact science is absurd. And to assert that “specific” absorption rates are telling us anything meaningful about the effects of lab-created radiation on Mankind is actually total rubbish.

The following image, which concerns cell phone radiation, lends further insight into the farce of absorbed-dose measurements.



Source<sup>432</sup>

Nevertheless, the concept of absorbed dose is incessantly repeated in radiation literature as if it has true substance.

Beyond certain thresholds [*here we go again*], radiation can impair the functioning of tissues and/or organs and can produce acute effects such as skin redness, hair loss, radiation burns, or acute radiation syndrome. These effects are more severe at higher doses and higher dose rates [*blah blah blah*]... If the radiation dose is low [*yawn*] and/or it is delivered over a long period of time (low dose rate), the risk is substantially lower because there is a greater likelihood of repairing the damage. There is still a risk of long-term effects such as cancer [*aha!*], however,

that may appear years or even decades later. [*indeed!*]  
Effects of this type will not always occur, but their  
likelihood is proportional to the radiation dose [*blah blah  
blah*]...<sup>433</sup> [bracketed commentary added by author]

Again, all of this is nothing more than sleight of hand, carried out by black magic word magicians who are deliberately twisting the facts. Their whole house of cards is built on the swampy foundational premise that low levels of lab-created radiation are perfectly fine (with some even arguing it is beneficial for us to live near nuclear power plants),<sup>434 435</sup> and all will be well as long as we keep our exposure to this noxious radiation at “low levels.” Naturally, I have yet to see a single shred of evidence to support this contention and, in fact, I am presenting massive evidence to the contrary in this book (including documented evidence that DNA damage occurs after a single exposure to ultrasound).<sup>436</sup>

Because so much information is now being made public regarding the extensive DNA damage that is being caused by exposure to technologies that emit non-ionizing radiation, the radiation establishment has been forced to shift its language. Whereas previously it was boldly stating things like “*radiofrequency energy, unlike ionizing radiation, does not cause DNA damage that can lead to cancer,*”<sup>437</sup> now it is being forced to qualify its claims as follows:

The radiation produced by mobile phones and phone masts is non-ionising radiation, which means that it *does not directly cause* cell and DNA damage, through the same mechanisms as x-rays or radioactive particles.<sup>438</sup>

These masterful manipulators will do just about anything to continue deceiving the public—including trying to conjure up “scientific” evidence alleging that natural radiation is harmful. However, despite all their preposterous efforts, they always fail.

Exposures to high-dose ionizing radiation and high-dose rate ionizing radiation are established risk factors for childhood acute leukemia (AL). The risk of AL following exposure to lower doses due to natural background radiation (NBR) has yet to be conclusively determined... Our findings do not support the hypothesis that residential exposure to [natural background radiation] increases the risk of [acute leukemia.]<sup>439</sup>

There are many high natural background radiation areas around the world where the annual radiation dose received by members of the general public is several times higher than the ICRP dose limit for radiation workers. The numbers of people exposed are too small to expect to detect any increases in health effects epidemiologically. Still the fact that there is no evidence so far of any increase does not mean the risk is being totally disregarded.<sup>440</sup>

In this last example, the researchers were trying to produce some kind of evidence that would affirm that people who live in areas with “high levels” of natural radiation (such as those who live at higher elevations, for example) will be more likely to suffer negative health consequences due to “higher levels” of exposure to radiation. Much to their chagrin, however, the researchers found *no evidence* of increased harm. Still, they refused to concede defeat and insisted that their findings do not mean there is no risk!

Obviously, they are not going to give up easily and will continue trying to produce statistics and studies that will yield the results they want. But no matter what they say or what kind of studies they conjure into existence with their scientific sorcery, they will never prove that natural radiation is harmful—because just the opposite is true. Natural radiation is beneficial. It is only lab-created radiation that is harmful.



## CHAPTER FOUR

# IONIZING VS NON-IONIZING RADIATION

*Non-ionising radiation could still be ionising certain atoms. All atoms require different energies to ionise. Possibly, there exists some compound on our skin containing atoms which are relatively easily ionised, hence being ionised by conventionally non-ionising radiation. This may form free radicals which then travel into the cell causing DNA damage.<sup>441</sup>*

*The upper frequencies of non-ionizing radiation...[are] capable of non-thermal biological damage similar to ionizing radiation.<sup>442</sup>*

*Five decades of studies confirm that non-ionizing... radiation...has the same effect on human health as ionizing radiation from nuclear reactions... The damages are so similar that they are hard to differentiate.<sup>443</sup>*

As the above quotations reveal, and as the information in this chapter will confirm, there is no discernible difference in the effects of ionizing vs. non-ionizing radiation. These allegedly different energies nevertheless produce very similar biological damage. Thousands of studies have confirmed this and shown that non-ionizing radiation is extremely harmful.<sup>444 445 446</sup> Yet the

medical radiation establishment repeatedly asserts that ultrasound is safe because it is based on non-ionizing radiation.

Ultrasound is a type of radiation. But unlike x-rays, ultrasound is called non-ionizing. That's what makes doctors almost universally believe it's absolutely safe; that unlike x-rays, it causes no damage to the fetus.<sup>447</sup>

In utero exposure to nonionizing radiation is not associated with significant risks; therefore, ultrasonography is safe to perform during pregnancy.<sup>448</sup>

Ultrasound imaging has...an excellent safety record. It is based on non-ionizing radiation, so it does not have the same risks as X-rays or other types of imaging systems that use ionizing radiation.<sup>449</sup>

Despite medical assurances of safety, prenatal ultrasound is causing massive harm and the damage being inflicted on innocent children is very similar to that caused by x-rays and other forms of ionizing radiation.<sup>450 451 452 453</sup>

Even establishment literature admits there is no real demarcation line separating ionizing from non-ionizing radiation.

The boundary between ionizing and non-ionizing electromagnetic radiation...is not sharply defined.<sup>454</sup>

There is no strict agreed upon cutoff value for energy that we can use to discriminate between ionizing and nonionizing radiation types.<sup>455</sup>

The region at which radiation becomes considered as "ionizing" is not well defined.<sup>456</sup>

Moreover, there is a plethora of ambiguity and contradiction within radiation literature regarding the alleged distinction between ionizing and non-ionizing radiation.

To understand the biological effects of radiation we must first understand the difference between ionizing radiation and non-ionizing radiation. In general, two things can happen when radiation is absorbed by matter: excitation or ionization.

- *Excitation* occurs when the radiation excites the motion of the atoms or molecules, or excites an electron from an occupied orbital into an empty, higher-energy orbital.
- *Ionization* occurs when the radiation carries enough energy to remove an electron from an atom or molecule...

Radiation that carries less energy can only excite the water molecule. It is therefore called *non-ionizing radiation*. Radiation that carries more energy than 1216 kJ/mol can remove an electron from a water molecule, and is therefore called *ionizing radiation*.<sup>457</sup>

According to the above source, non-ionizing radiation is too weak to knock electrons completely out of an atom, however, it does have enough energy to “excite” the electrons—causing them to be blown out of their orbits around the nucleus of the atom.

Ionizing radiation, on the other hand, has so much force that it knocks electrons completely out of the atoms—an effect the scientific community refers to as “*liberating*” and/or “*freeing*” the electrons.

Ionizing radiation has enough energy to *liberate* electrons from an atom, thereby leaving the atom charged.<sup>458</sup>

Ionizing Radiation is radiation that carries enough energy to *free* electrons from atoms or molecules, thereby ionizing them.<sup>459</sup>

Because the radiation industry is built on lies, there are many inconsistencies within scientific and medical literature regarding what qualifies as “ionizing” radiation. Whereas, in the above explanation, it was asserted that electrons need to be completely knocked out of an atom for the energy to qualify as “ionized,” yet in the following citations, it is repeated again and again that ionization occurs by simply knocking an electron out of its orbit (which is the condition we were previously told renders the radiation “non-ionizing”).

If an electron is ‘knocked’ out of its orbit it leaves a positively charged ion. When ionizing radiation passes

through anything, it can knock electrons out of their orbits, forming ions; hence its name.<sup>460</sup>

Ionizing radiation carries enough energy to knock electrons out of their orbit resulting in the creation of charged atoms called ions.<sup>461</sup>

The following excerpt, from a Toronto news source, interestingly asserts that non-ionizing radiation does *not* knock electrons out of their orbitals and that only ionizing radiation does this.

Radio frequency radiation such as that emitted by cellphones and computers – is non-ionizing, meaning it doesn't knock electrons out of their orbit the way more dangerous ionizing radiation, like an x-ray, does.<sup>462</sup>

Clearly, there is much confusion and contradictory information on this topic – a clear indicator that the alleged “facts” about this energy are not only muddled, but completely unfounded.

Below is another interesting citation, followed by my personal commentary in brackets.

High-frequency, high-energy waves are termed ‘ionizing’ (as opposed to non-ionizing) radiation because they contain sufficient energy to displace an electron from its orbit around a nucleus.

*[Here we have yet another source claiming that radiation that can displace an electron from its orbital qualifies the energy as ionizing. But we were earlier told that displacing an electron from its orbital is the condition that qualifies the energy as non-ionizing. So which is it?]*

The most important consequence of this displaced electron on human tissue is the potential damage it can inflict on DNA, which may occur directly or indirectly.

*[Is this person admitting that an energy that simply displaces an electron from its orbit can cause DNA damage? But does this not mean that non-ionizing radiation can damage DNA?]*

Direct damage occurs when the displaced electron hits and breaks a DNA strand. Indirect damage occurs when

the electron reacts with a water molecule, creating a powerful hydroxyl radical which then damages the cell's DNA.

*[Here we are told that when an electron is pushed out of its orbital, it can slam into DNA strands and break them. When/if the displaced electron reacts with a water molecule, hydroxyl radicals are also created that can further damage cells and their DNA. Please note this type of damage has previously been associated only with ionizing radiation. And yet, we are now being told that simply displacing an electron from its orbital will also cause this severe damage.]*

Damage to a cell's DNA in either of these ways can have several consequences. A single-strand DNA break is usually repaired appropriately by the cell with no subsequent deleterious sequelae. However, a break affecting both strands of DNA allows the potential for abnormal reconnection of the strands, which likely accounts for all the adverse biological effects ionizing radiation has on humans. First, DNA may rejoin itself incorrectly, rendering the cell nonviable with cell death taking place. Second, it may rejoin as a symmetrical translocation with the potential expression of an oncogene during division (and development of subsequent malignancy) or with abnormal division in gonads, giving rise to potential hereditary disorders.

*[Please keep in mind that ultrasound has been shown to cause DNA double strand breaks<sup>463</sup> that can result in DNA misrepair.<sup>464</sup> This misrepair is especially dangerous during early fetal development when cells are rapidly dividing and multiplying. Replication of DNA damaged cells may lead to cancer<sup>465</sup> and other illnesses, as well as hereditary genetic defects.]*

Deterministic effects only occur once a threshold of exposure has been exceeded. The severity of deterministic effects increases as the dose of exposure increases.<sup>466</sup>

*[There's that linear no-threshold hypothesis again with obligatory comments about "thresholds of exposure" and "dose" dependency.]*

Despite the inconsistencies, the above quote is nevertheless very informative because it reveals important details about how radiation damage occurs. Although the commentary professes to be describing the effects of ionizing radiation, it is nonetheless detailing the biological damage that can (and does) occur when an electron is knocked out of its orbital—which we were previously told was the qualifying condition for non-ionizing radiation.

Notwithstanding all the conflicting information regarding ionizing vs. non-ionizing radiation, one thing is absolutely clear: Mainstream sources have been forced to admit that ionizing radiation is harmful and in some cases, deadly.<sup>467</sup>

Exposure to ionizing radiation causes damage to living tissue and can result in mutation, radiation sickness, and death.<sup>468</sup>

Ionizing radiation has sufficient energy to cause chemical changes in cells and damage them. Some cells may die or become abnormal, either temporarily or permanently. By damaging the genetic material (DNA) contained in the body's cells, radiation can cause cancer... A very large amount of radiation exposure can cause sickness or even death within hours or days.<sup>469</sup>

Despite the well-known and extensively documented dangers of lab-created ionizing radiation, the medical establishment nevertheless finds it completely plausible to annually expose billions of innocent people to this noxious energy, asserting it can help them heal.

X-rays and nuclear medicine are the largest man-made sources of ionizing radiation exposure in developed countries.<sup>470</sup>

In Truth, up until very recently, the medical establishment itself was responsible for at least 96-98% of human exposure to lab-created radiation.<sup>471</sup> Today, the telecom industry is running a close second, and only time will tell who will claim the title for being the #1 killer of innocent people by exposing them to lab-created radiation.<sup>472</sup>

For the period 1997–2007, about 3.6 billion medical radiation procedures were performed annually worldwide,

compared with 2.5 billion in the previous survey period covering 1991–1996, which is an increase of almost 50 percent.<sup>473</sup>

In 1982 the average American was exposed to 0.5 mSv per year. By 2006 that had risen to 3.0 mSv per year - a 6-fold increase in exposure attributed largely to medical radiation.<sup>474</sup>

The systematic deployment of this noxious radiation in “medicine” at least partially explains why the American medical system has become the leading killer in the U.S., taking the lives of at least one million Americans annually.

The total number of deaths caused by conventional medicine is an astounding 783,936 per year. It is now evident that the American medical system is the leading cause of death and injury in the US.<sup>475</sup>

The above number is, no doubt, a low estimate since medical errors are now harming at least four out of every ten patients,<sup>476</sup> while doctors, nurses, and other medical staff try to cover up deadly medical mistakes that are costing people their lives.<sup>477 478</sup>

Doctors today order millions of radiation-based imaging tests each year...many of them are unnecessary, and...the more radiation people are exposed to, the greater their lifetime risk of cancer. Young bodies are more vulnerable to radiation.<sup>479</sup>

The doses of radiation that we use, day in and day out, for CT scans, are in the range that we *know* will cause cancer in some people. And yet the use of CT scan has quadrupled in the last 15 years.<sup>480</sup>

CT scan overuse and overdose gives 50,000 Americans cancer every year.<sup>481</sup>

Use of mammography CT scans and nuclear imaging is on the rise. The most worrisome aspect of these exposures is the widespread use of CT scans on children... Although CT scans provide valuable diagnostic information, they deliver 100 to 1000 times the radiation dose compared to traditional X-rays... Exposing children to CT scans raises

their risk of developing cancer later in life because children are more sensitive than adults to the carcinogenic and other health effects associated with radiation exposure, as well as having a longer latency period in which to develop disease.<sup>482</sup>

Radiation therapy damages cells by destroying the genetic material that controls how cells grow and divide. While both healthy and cancerous cells are damaged by radiation therapy, the goal of radiation therapy is to destroy as few normal, healthy cells as possible.<sup>483</sup>

The fact that doctors cannot possibly control the number of healthy cells that are destroyed by their "treatments" appears to be of little concern. All that matters is that they devise clever ways to talk about radiation so that they can downplay the extent of harm they are causing and claim that their "treatments" are somehow beneficial.

There is nothing beneficial about exposure to lab-created radiation. It is always a destructive force.



## CHAPTER FIVE

# DNA DAMAGE SIMILAR TO 250 CHEST X-RAYS

*It was noticed that ultrasound in all used intensities induced DNA damage.*<sup>484</sup>

*DNA fragmentation happens to be the foremost theory for cancer causation.*<sup>485</sup>

*It is my belief that many birth disorders and defects today stem from genetic mutations caused by the routine and frequent use of prenatal ultrasound.*<sup>486</sup>

Earlier in this book we learned from the FDA's website that ultrasound is based on non-ionizing radiation and, therefore, according to the FDA, it does not have the same damaging effects as x-rays or other ionizing technologies. Nonetheless, despite the FDA's lies, what you are about to read will confirm that ultrasonic irradiation produces similar, if not worse, biological damage than that caused by x-rays and other forms of ionizing radiation.

100 years ago (1927), researchers Robert Wood and Alfred Lee Loomis noted the harmful effects of ultrasound and concluded that ultrasound "could be just as injurious [to the human body] as x-rays and atomic radiation."<sup>487</sup>

High doses of ultrasonic energy...is as injurious [to the human body] as atomic radiation. The effects...normally are irreversible.<sup>488</sup>

Likewise, a study published in 1949 found that ultrasound damage was similar to that caused by x-rays and mustard gas.

The immediate effects of ultrasonic vibrations upon the nuclei and chromosomes of living plant cells show marked visible resemblances to the primary and secondary effects produced by electromagnetic radiations such as x-ray... and also to those produced by mustard gas.<sup>489</sup>

In a 1966 article, researcher Mikio Kato demonstrated that ultrasound may be even more likely to cause mutations than x-rays.

Ultrasonic vibration would be a better proximate cause of mutation than X-ray irradiation.<sup>490</sup>

In an article published in 1979, ultrasound researchers working with mice observed ultrasonically-induced fetal malformations and brain defects similar to those previously associated with x-rays.

Brain defects were produced at all stages of gestation but tended to involve the forebrain more at earlier times. Defects such as fusions of the ribs or vertebrae, spina bifida, and limb reductions were produced... The types of malformation produced by ultrasound thus appear to follow the same pattern of change with gestational age as do those produced by X-ray irradiation.<sup>491</sup>

A rat study published in 1986 concluded that ultrasound caused brain defects similar to those triggered by x-rays and extreme heating.

It is clear that the stage of gestation at the time of ultrasound exposure influences the types of malformations that are produced and the organ systems which are affected... Malformations of the heart and great vessels were primarily associated with exposures at 9 [days gestation]. Fusion defects of the vertebral column and limb defects progressively increased in frequency with exposures later in gestation... Brain defects were produced

by exposure at all stages although incidence was less at 12 [days gestation]... It appears that the pattern of sensitivity with gestational age for malformation production by ultrasound is similar to that reported for ionizing radiation and for thermal insult."<sup>492</sup>

In 2012, it was determined that rat fetuses exposed to ultrasound suffered from "*bioeffects similar to X-ray exposure.*"<sup>493</sup> Researchers found "*substantial alterations in gene expression*" including those "*implicated in important developmental signaling pathways.*"<sup>494</sup> The researchers concluded that ultrasound "*could probably affect expression of highly important genes implicated in embryonic development*" and "*should be used with caution, particularly in early pregnancy.*"<sup>495</sup>

In the early 1980s, Dr. Doreen Liebeskind, attending radiologist at Beth Israel Medical Center and head of cardiac nuclear medicine at St. Francis Hospital in New York,<sup>496</sup> studied the effects of ultrasound on human and animal cells.<sup>497</sup> Jim West describes her findings in the following way:

Ultrasound damage was similar to X-ray damage. When the results were extrapolated to a typical clinical session, they indicated an equivalent risk of 250 chest X-rays. Damage was permanent, heritable through cell division, demonstrating...that [ultrasound] exposure could conceivably affect many human generations.<sup>498</sup>

Dr. Liebeskind observed the following:

Abnormal changes in the look and behavior of the cells - changes she says that look the same as cells exposed to 29 rads of ionizing radiation, or X-rays.<sup>499</sup>

## Image of normal cells<sup>500</sup>



After exposure to ultrasound, [the cells] became a tangled mass, growing wildly and literally all over each other. 100% of them became distorted.<sup>501</sup>

## Cells after exposure to ultrasound<sup>502</sup>



**Normal cells in motion**  
***“with smooth edges, moving in a clear direction.”***<sup>503</sup>



**Cells in motion after exposure to ultrasound.**  
***100% “become frenetic and distorted”***<sup>504</sup>



According to Dr. Liebeskind:

Things are happening. They're happening to the DNA of these cells, they're happening to the behavior, they're beginning to grow in a funny way, they're beginning to behave in an aberrant fashion, and in some cases, they're becoming tumor cells. There are some long-lived effects on the DNA of the cells, on the behavior of the cells, and on the cell growth that persist for many, many generations after a single exposure.<sup>505</sup>

Dr. Liebeskind noted that these effects persist for more than 10 generations,<sup>506</sup> and part of the reason for this is as follows:

When a female fetus is born... all of the eggs for the next generation are present at the time of birth. And therefore, when you subject a female fetus to ultrasound near term, you have not only subjected her cells to ultrasound, but also all her eggs for the next generation.<sup>507</sup>

Thus, *in utero* exposure to ultrasound has the potential to damage not only a baby in the womb, but all of a female's eggs as well. The genetic damage is heritable and will impact the health and genetics of future children for many generations to come.

In 1982, Liebeskind, et al, did another study involving animal cells exposed to diagnostic pulsed ultrasound *in vitro*. Researchers found abnormal cellular effects in motility and behavior of the cells similar to those previously seen after exposure to ionizing radiation. These effects were detectable beyond 10 generations after exposure.

The persistence of abnormal behavior and motility in cells exposed to a single dose of diagnostic level ultrasound 10 generations after insonation suggests permanent hereditary effects. One can speculate that if fetal cells were to be subtly damaged...the effects might not become apparent until the next generation... Similar behavioral changes occur with ionizing radiation.<sup>508</sup>

Another study by Liebeskind (1979) revealed DNA strand breaks as well as tumors in mice injected with ultrasonically treated cells.

In one experiment, tumors developed in syngeneic mice at the site of injection of ultrasonically treated cells. Our

findings...are indicative that even low doses of ultrasound affect DNA and cell growth.<sup>509</sup>

In addition to the above, dozens (perhaps hundreds) of other studies have confirmed DNA fractures, double strand breaks, free radical production, and other DNA damage as a result of exposure to ultrasound.

Intensities lower than those used in therapy have a drastic effect on purified [calf thymus] DNA in solution. We found very considerable damage for various durations; all the DNA molecules were broken down, no molecules of relative length remained.<sup>510</sup>

Long exposures to ultrasound can apparently alter the structure of the nucleotides in DNA.<sup>511</sup>

Ultrasound has been reported previously to induce DNA fragmentation (double strand and single strand breaks) in mammalian cells in vitro and in human lymphocytes in vivo. The exposure of cultured CHO cells in vitro to continuous wave ultrasound led to induction of DNA strand breaks.<sup>512</sup>

From a study entitled *Double-Strand Breaks in Genome-Sized DNA Caused by Ultrasound*, we learn the following:

Recently, we studied the effect of ascorbic acid against DSBs [double-strand breaks] in DNA and found that ascorbic acid has a marked protective effect against the damage induced by reactive oxygen species. In contrast, ascorbic acid offers almost no protection against the damage caused by ultrasound. Thus, DSBs caused by ultrasound are most likely caused by the shockwave under the generation of cavitation.<sup>513</sup>

We will discuss ultrasonic cavitation in more detail in a later chapter. In brief, cavitation has been shown to induce a phenomenon called "*acoustic microstreaming*,"<sup>514</sup> or spiralling vortexes of energy that build up around sonicated cells that stretch and pull at the cells, causing them to rip apart.<sup>515</sup>

It has also been shown that the biological effects of microstreaming can destroy cells due to the rapid stretching that shearing fields cause, thus resulting in cell

membrane rupture... Experiments support the hypothesis that acoustic streaming mechanisms are important stresses that cause the destruction of red blood cells.<sup>516</sup>

While the effect of this force is not fully understood, research suggests that it may...have adverse effects on both early and late prenatal and postnatal development.<sup>517</sup>

Shear waves or shearing fields caused by radiation force are extremely destructive and have been described in the following way<sup>7</sup>:

[A shear wave is] *a seismic body wave*,<sup>518</sup> or a *push induced deep in the tissue by acoustic radiation force*.<sup>519</sup>

Cell necrosis has been documented in response to ultrasonic microstreaming and shear waves, along with disturbances in calcium signaling<sup>520 521</sup> known to cause biological damage that can lead to neurodevelopmental disorders like autism.<sup>522 523</sup>

Ultrasound facilitated an influx of calcium ions in fibroblasts, and this action may have resulted from a mechanical effect on ion channels. Acoustic microstreaming was the postulated mechanism by which ultrasound caused efflux of intracellular potassium ions. Cell necrosis was shown to increase when nonlethal hypotonicity (146 mOsm) was combined with low-intensity ultrasound (0.5 W/cm<sup>2</sup>).<sup>524</sup>

An increased incidence in sister chromatid exchange has also been documented in numerous studies,<sup>525 526 527 528</sup> providing further evidence of DNA damage.

We analyzed sister chromatic exchange (SCE) frequencies as an indicator of DNA damage induced in human lymphocytes...to determine whether ultrasound is capable of producing genetic effects in dividing cells... A range of exposure times and intensities was tested... Our studies showed small but consistent effects of ultrasound on SCE

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<sup>7</sup> Shear waves have also been noted in reference to the spike of energy that is often seen in electrocardiograms, which spike is said to be "a result of the 'depolarization of the heart ventricles.'" See QRS Complex, [en.wikipedia.org/wiki/QRS\\_complex](http://en.wikipedia.org/wiki/QRS_complex)



frequencies, for each experiment. Our results are consistent with those of Liebeskind et al (1979).

Cultures in this study were derived from adult lymphocytes rather than fetal tissues. Fetal cells could show different responses, perhaps more extreme because of their actively dividing state.<sup>529</sup>

Since fetal development is based on the process of cell division, the above finding, as with all the findings below, confirm that developing babies should never be exposed to ultrasound.

Cells appear to be most sensitive to ultrasound during mitosis.<sup>530</sup>

Dividing cells are more susceptible than non-dividing cells to the effects of mutagenic agents, therefore, mutagenic effects of [ultrasound]...may be more relevant in children and young people than older people... Repeated chromosome aberrations and point mutations have been demonstrated in plants and insects.<sup>531</sup>

Mammalian tissues have differing sensitivities to damage by physical agents such as ultrasound... Actively dividing cells of the embryonic and fetal central nervous system are most readily disturbed.<sup>532</sup>

Ultrasound scans can stop cells from dividing and make them commit suicide. The researchers detected two significant changes in the cells of the small intestine in scanned mice compared to the mice that hadn't been scanned. Four and a half hours after exposure, there was a 22 per cent reduction in the rate of cell division, while the rate of programmed cell death or "apoptosis" had approximately doubled.<sup>533</sup>

The first eight weeks of pregnancy referred to as the embryonic period are the time of an infant's greatest vulnerability to teratogenic exposures. Founder cells are actively dividing and expanding their populations. Agents which target these founder populations can have some of the furthest reaching effects such that irreparable insults can be passed on to all subsequent progeny... Unwarranted exposures, especially those occurring in the first trimester, pose considerable risks to patient safety.<sup>534</sup>

Indeed, ultrasonic exposure during the first trimester is a major threat to the child because it is a time of rapid cell division. Since we are certain that cell mutations are occurring as a result of exposure to ultrasound, it is greatly concerning that these mutations can replicate during the process of cell division. Developing babies are therefore at great risk of both mutated development and the development of cancer when exposed to ultrasound. These conditions may take years or decades to develop, and the same risk will be passed on to their offspring.<sup>535</sup>

Excessive exposure to non-ionising radiation has been linked to an increased risk of developing cancer... The genotoxic potential...interferes with the DNA repair processes, allowing a cell with DNA damage to survive and stimulating the cell division, resulting in alteration of the normal functions of the cell.

Because abnormal electromagnetic fields can produce genetic abnormalities during cell division, it is quite possible that... exposure to such fields is a competent cause for the origin of cancers.<sup>536</sup>

Delayed health effects occur a long time after exposure... These health effects are believed to be caused by modifications in the genetic material of a cell following radiation exposure. Examples of delayed effects are solid tumours and leukaemia occurring in exposed persons and genetic disorders occurring in the offspring of persons who were exposed to radiation.<sup>537</sup>

Although the last quote is referring to ionizing radiation, it nonetheless describes the insidious nature of ultrasonic and all forms of radiation damage, the effects of which may not show up for many years. Because of the now ubiquitous exposure of our children to radiation while they are still in the womb, although the children may appear normal and healthy at birth, they may still be in danger of developing health challenges later on and possibly giving birth to children with genetic defects. This is a very serious issue.

It now appears that even babies who seem to be healthy and normal at birth may suffer disorders later on as a result of the use of ultrasound equipment.<sup>538</sup>

A sonofied fetus would at birth appear overtly healthy, though hormonally and intracellularly damaged.<sup>539</sup>

The nature of fetal programming insults is that they are not apparent at birth.<sup>540</sup>

Ultrasonically induced biological damage includes interrupted cell division,<sup>541</sup> chromosome damage,<sup>542 543</sup> mitochondrial damage,<sup>544</sup> free radicals,<sup>545 546 547 548</sup> cell death,<sup>549 550 551</sup> and more. It may also result in genetic information being permanently lost,<sup>552</sup> scrambled, and/or fully "deactivated."

Some root tips treated for 1 min revealed areas of cells destitute of any nuclear material.<sup>553</sup>

After I'd exposed a DNA molecule to ultrasound, I noticed something that stupefies you. You see, normally in aqueous solution, DNA molecules produce a continuous sound. They create a complex melody with recurrent musical phrases. So I irradiate it with the ultrasound waves of the same frequency as in diagnostic ultrasound, and what do I hear? Not a complex melody, but only one monotonous note. This means that by utilizing ultrasound, we've erased a massive amount of information from this DNA molecule. Then I thought to myself, Oh My God! We don't have any healthy kids left. I mean literally, worldwide, there are no healthy kids now because all of them, apart from those born in wild tribes, are exposed to medical ultrasonography.<sup>554</sup>

In addition to the last comment, the brilliant Russian scientist, Dr. Peter Gariaev, also stated:

I have to confess, at the beginning of the research, we were very concerned that the laws of genetics could be destructively used against humans. But it has been proven for a long time by official ultrasound examination medicine and now it's hard to imagine the long-term destructive consequences that these extensive experiments on humans will bring...

Before using an ultrasound generator, DNA molecules produce sounds over a wide range, from several to hundreds of hertz. And after using ultrasound, molecules

sounded with special emphasis on the same frequency of 10 Hz. This frequency remained the same for several weeks after the experiment and its amplitude was not reduced at all. Figuratively speaking, the diversity of frequencies has been lost in the symphony of life, and one penetrating frequency-tone has prevailed...

Finally, the most striking was the following result... when they prepared a new DNA preparation and placed it in an old ultrasound-stricken place, suddenly the specimen began to show all signs as if he had been hit by ultrasound... After a series of tests, scientists came to a surprising conclusion. Ultrasound hurt DNA molecules and they remembered it. DNA molecules have experienced a strong shock, after which they have long recovered and eventually created a wave phantom of pain and fear that remained in place for their terrible experiment. Under the influence of this phantom, even the second, new DNA molecule experienced a similar shock that left them with the same consequences!

This means that a genetic program may fail, a distorted wave genome generates damaged tissues, and a healthy organism cannot develop from it... It is horrible to think what ultrasound will create in human cells. No wonder so many sick are born in today's hospitals. Ultrasound could change their wave genome and thus the genetic program. Similarly, ultrasound scanning of diseased organs causes more complex treatments for adults.

Using ultrasound can have disastrous consequences for future generations. It is not excluded that ultrasound techniques can be carried out in a targeted manner to [deliberately] damage the genetic potential of humans.<sup>555</sup>

Hopefully you, the reader, are getting a clear sense of the evil we are dealing with in terms of those who have deliberately mainstreamed this technology into obstetrics (with the FDA being a prime mover in this regard). **The genetic damage just described is worse than the type of damage that has been previously attributed to ionizing radiation.**<sup>556</sup>

Meanwhile, as the medical radiation establishment continues to insist that ionizing radiation is the only danger, radiation scientists

are working behind the scenes using ultrasound to *deliberately* induce DNA damage and deactivate biological material.

In biological applications, sonication may be sufficient to disrupt or deactivate a biological material. For example, sonication is often used to disrupt cell membranes. Sonication is also used to fragment molecules of DNA, in which the DNA subjected to brief periods of sonication is sheared into smaller fragments.<sup>557</sup>

The above quotation tells us all we need to know about the medical radiation establishment that has, for decades, been touting the alleged "safety" of ultrasound (and other forms of non-ionizing radiation), while working furiously behind the scenes to devise ways to use ultrasound to induce maximum biological harm.

Ultrasound is well-documented to induce chromosome abnormalities across a number of different species.<sup>558 559</sup>

Ultrasound can degrade DNA in solution, and it is reported to cause chromosome breakage and genetic effects...

The type of damage reported varies from chromatid and chromosome breaks, chromosome fusions, coagulations, uncoilings, etc., through to nuclear dislocation and complete necrosis. [There have been] two reports of chromosome rearrangements.

**Longer doses gave sterility and death. Similarity was drawn between ultrasound and ionising radiation.**

Treatment of germinating seeds...gave deformities and abnormalities.

Treatment of goldfish...gave dominant lethal effects and a dominant visible mutation in offspring.

Ultrasound could readily induce major and minor abnormalities in the resultant adult form. This teratogenesis (varying from abnormal segmentation to clear duplications and omissions of whole organs) was found with physiotherapeutic dosage.

Weinland (1963) noted abnormalities in the embryos of irradiated hamsters.<sup>560</sup>

Although the above researcher lists multiple studies, some of which date back to the 1930s and all of which confirm serious biological harm, he nevertheless concludes the following:

A glance at the headings of the foregoing sections might lead one to believe that ultrasonic radiation has some similarities in mode of action to ionising electromagnetic radiation... However, it is suggested that such comparison is found to be superficial.<sup>561</sup>

Okey dokey then! It is unbelievable that the overwhelming evidence presented in the above-cited paper was not enough for its author to acknowledge that ultrasound is causing the very same effects as those being attributed to ionizing radiation. Yet DNA damage is a "hallmark" cellular response to ionizing radiation<sup>562</sup> and ultrasound is causing the very same damage.

Furthermore,

MacIntosh and Davey (1972) reported results which were alarming in terms of medical diagnostics. These authors treated peripheral blood lymphocytes with ultrasound... and calculated a threshold of 8.2mW/cm<sup>2</sup> for induction of chromosome aberrations. Galperin-Lamaitre et al. (1975) presented electron micrographs showing significant DNA shearing when cells were irradiated at 200mW/cm for 30 min at 1 MHz.<sup>563</sup>

Please note that, in the above-cited study, induction of **chromosome aberrations occurred at a mere 8.2mW/cm<sup>2</sup> of intensity while DNA shearing occurred at 200mW/cm<sup>2</sup>. Meanwhile, the FDA has approved intensity levels for obstetrical ultrasound machines as high as 720mW/cm<sup>2</sup>,<sup>564</sup> and this despite the federal government admitting in 1976 that anything between 1-15mW/cm<sup>2</sup> should be considered a health hazard.<sup>565</sup>** Since the allowable intensity levels in obstetrics are so high, we should not be surprised to learn that chromosome aberrations have been induced in human blood cultures by exposure to ultrasonic fetal heart monitors.

Human blood cultures were exposed to ultrasound from an ultrasonic fetal heart detector for periods of one and two hours. Considerable increases in the number of chromosome aberrations over control values were found.<sup>566</sup>

Please keep in mind that pregnant women are often exposed to ultrasonic fetal heart monitors *for hours (or even days)* during hospital birth. Since past studies have documented (a) chromosome aberrations, (b) rupture and destruction of red blood cells,<sup>567 568</sup> (c) reduced white blood cell counts in exposed populations,<sup>569</sup> and (d) free radicals in amniotic fluid and blood plasma,<sup>570</sup> from exposure to ultrasound—it is important to determine what is happening to the blood of incoming infants when they are exposed to ultrasonic irradiation during pregnancy and childbirth.

We demonstrated several blood flow disturbances when bubbles in the blood were of 'resonance size' to the pulse repetition frequency of the insonating beam.<sup>571</sup>

When the pregnant women during the whole period of pregnancy were ultrasonically irradiated once or twice, the forming rate of rosette red blood cell C3b receptors of the newborns decreased...and the forming rate of rosette red blood cell immune complexes increased... These results indicate that erythrocyte immune regulative systems of the newborns are out of control when they [are] irradiated with ultrasound... [After] 30 minutes [of exposure], immune regulative systems of the newborns become dysfunctional.<sup>572</sup>

Could exposure to ultrasound *in utero* and/or during labor be contributing to the rise in childhood leukemia, up 35% since 1975 (about the same time developing babies began to be irradiated with ultrasound)?<sup>573</sup> We will explore this possibility in Part 2 of this series. For now, it is important to understand that the genetic damage being caused by ultrasound is far-reaching, and the real extent of harm will only be made known as the next few generations of irradiated children come of age and begin to have (or at least *try* to have) children of their own. They may or may not be successful in reproducing, and if they are, it is highly likely that any radiation-induced genetic mutations they now carry will be passed on and affect many generations to come.<sup>574</sup>





## CHAPTER SIX

# ULTRASONIC HEATING AND CAVITATION

*Researchers have long known that exposure to heat in the early stages of pregnancy causes birth defects in animals, with the central nervous system being particularly vulnerable. The most common defect associated with it is spina bifida, which occurs when the bony casing around the spinal cord fails to close. Another is anencephaly, in which major parts of the brain and skull are missing.<sup>575</sup>*

*Ultrasounds increase the temperature of the amniotic fluid. When experimenting with ultrasounds on pregnant rats and other mammals, the elevated temperature caused by the ultrasound, often results in fetal brain damage of the unborn off-spring. And the longer the ultrasound session lasts the hotter the amniotic fluid gets.<sup>576</sup>*

*No pregnant or potentially pregnant patient should ever receive ultrasound therapy in any area of the body which is likely to result in exposure to the fetus. Overheating of the fetus could result. The fetus is at particularly high risk during the first trimester, during the period of organogenesis.<sup>577</sup>*

The medical establishment has long been aware that elevated maternal and/or fetal heating can lead to birth defects in human offspring.<sup>578 579</sup> This is precisely why pregnant women are often told to avoid getting into hot tubs and/or taking hot baths, especially during early pregnancy, for fear this might lead to heating of the amniotic fluid, resulting in birth defects,<sup>580</sup> brain damage,<sup>581 582</sup> neurological damage,<sup>583</sup> etc. Doctors have also known for many decades that prenatal exposure to DNA-damaging radiation can lead to birth defects.

Radiation which damages DNA is a teratogen, capable of causing: miscarriage, embryo growth retardation, premature birth, low birth weight (a major problem in USA), cognitive dysfunction, delayed development in infants and many types of birth defects.<sup>584</sup>

Despite this common knowledge, the medical establishment is routinely and excessively exposing pregnant women and their babies to DNA-damaging radiation<sup>585</sup> from ultrasound—a technology that is also known to cause dangerous levels of heating.<sup>586</sup>

Heat produces a wide variety of tissue injury including necrosis and apoptosis, abnormal cell migration, altered gene expression, and membrane dysfunction. Thermal exposure has been shown to produce adverse changes in myelination and cell damage in neuronal tissue. As much as 70% of the total temperature increase associated with ultrasound occurs within the first minute of exposure, but temperature does continue to rise as exposure time is prolonged.<sup>587</sup>

Their study provided solid evidence that MR-guided focused ultrasound surgery is capable of increasing focal heating of up to 18°C [64°F]... The damaging heating effects on vascular structures can induce thrombus formation [blood clot] and lead to ischemic [blood supply] injury of the brainstem.<sup>588</sup>

In 1989, because of my concern that tissue heating might pose a risk for obstetrical ultrasound, I systematically analyzed the world's literature on fetal developmental abnormalities resulting from fetal hyperthermia. Congenital abnormalities included a wide range of conditions including microcephaly, hydrocephalus, cleft

palate, microphthalmia, ear defects, and skeletal defects... It was found that the higher the temperature, the shorter the time necessary to cause the same congenital abnormality.<sup>589</sup>

The high temperatures [from ultrasonic cavitation] cook cells' micro components, DNA, RNA, bioactive molecules, hormones, enzymes, organelles, and mitochondria.<sup>590</sup>

Studies documenting the extreme heating effects of ultrasound have been available for at least 100 years.

Notable heating effects were obtained... The thermometer tube became so hot at the point where it was held between the thumb and finger that it had to be released... The heat developed is so great that a groove with seared edges is left in the skin... Red blood corpuscles in a physiological salt solution are rapidly destroyed... Small fish and frogs are killed in one or two minutes.<sup>591</sup>

Allen et al...reported the death of insects and mice as a result of exposures ranging from 10 seconds to 3 minutes. In these experiments, it was established that the heating produced by sound absorption was sufficient to cause death.<sup>592</sup>

The killing of mice, flies and other animals by high body temperatures induced by the absorption of high frequency...sound waves has been reported. Internal temperatures of 60°C (140°F) were recorded in mice after 200 sec. of exposure.<sup>593</sup>

Of course, any technology that can cause internal temperatures to rise that much should be considered *extremely* hazardous, especially during pregnancy, since a rise in temperature of just 36.5°F (2.5°C) *"has been shown to cause abortions or foetal abnormalities in multiple species."*<sup>594</sup>

Foetal loss is probably the most common adverse outcome of hyperthermia in early pregnancy.<sup>595</sup>

Hyperthermia during pregnancy can cause embryonic death, abortion, growth retardation and developmental defects. Processes critical to embryonic development, such as cell proliferation, migration, differentiation and programmed cell death (apoptosis) are adversely affected

by elevated maternal temperatures.... An elevation of maternal body temperature by 2 C for at least 24h... can cause a `range of developmental delays... In addition, damage to blood vessels and the placenta will lead to further disruption of developmental processes... A number of factors can lead to abortion and foetal growth retardation... Later, in the mid- to late embryonic stages, neuronal cells that will form the brain begin to proliferate. They are killed by heat at this stage and this loss of cells is irreversible, leading to microencephaly.<sup>596</sup>

Although there are liars working for the FDA who claim that microcephaly is being caused by the "Zika virus",<sup>597</sup> in fact, ultrasonic heating is much more likely to be causing both microcephaly and macrocephaly.

Moderate doses of heat at this stage cause a simple retardation of brain growth far more commonly than any other defect, so that the great majority of offspring receiving low doses show micrencephaly.<sup>598</sup>

High levels of radiation exposure in pregnancy can lead to growth retardation, in particular microcephaly.<sup>599</sup>

Ultrasonic heating of bones is well documented,<sup>600 601 602 603</sup> and this is of particular concern because the fetal brain is encased in bone, and bones are known to absorb radiation heat.<sup>604 605</sup>

The greatest temperature increase resulting from ultrasound exposure occurs in bone because of its high absorption coefficient.<sup>606</sup>

Bone is extremely sensitive to ultrasound heating: the skull of a third-trimester fetus heats up 50 times more quickly than brain tissue when exposed to ultrasound. This means that brain structures lying close to the skull, such as the pituitary and the hypothalamus, are especially at risk of secondary heating.<sup>607</sup>

Ultrasound heats the bones of the developing fetus at a different rate than other tissues... During the third trimester, the fetal cranium can heat up 50 times faster than its surrounding tissue. This can subject the parts of the brain near the skull to secondary heat that can continue after the test is completed. We have to conclude

that when a pregnant woman is exposed to heat, whether it's from a water source, maternal temperature or ultrasound, the fetus can suffer devastating consequences.<sup>608</sup>

Hence, where fetal skull bones are heated by ultrasound, the brain matter closest to bone is being heated as well. This heating can contribute to the myriad brain abnormalities we are seeing in children today,<sup>609</sup> including children with autism.<sup>610</sup>

Bone attenuates the amount of energy that penetrates into deep brain tissue; meanwhile, the absorbed acoustic energy is rapidly transformed into heat in the bone and the nearby soft tissue of the cerebral cortex.<sup>611</sup>

Human brain tissue is even more susceptible—perhaps the most sensitive—to increases in temperature. Brain tissue can begin to suffer damage with a temperature increase of as little as (0.5°C).<sup>612</sup>

Low-birth-weight infants, who receive postnatal head ultrasounds in most hospitals, have 5 times the rate of autism spectrum diseases.<sup>613</sup>

Doppler devices, in particular, have been shown to create dangerous levels of heating<sup>614 615</sup> that can raise the temperature of brain tissue near bone more than 41°F (5.2°C).

The greatest temperature rise in brain tissue occurred close to bone... After a 2 min insonation...a mean temperature elevation of 5.2°C was recorded... These findings have implications for the safety of pulsed Doppler examinations where dwell-time may be an important factor.<sup>616</sup>

Irreversible neurological damage is caused to a fetus when its body increases 4°C above core temperatures for 5 min... Pulsed Spectral Doppler Ultrasound is a diagnostic sonography technique that requires the transducer to remain stationary, and can cause this 4°C increase in just a little bit over 30 seconds.<sup>617</sup>

One minute of Doppler exposure is equal to 35 minutes of real time ultrasound.<sup>618</sup>

Ultrasonic heating of bone marrow has also been confirmed (up to 140°F or 60°C),<sup>619</sup> and are likely to be contributing to the escalating rates of childhood cancers like leukemia.<sup>620</sup>

The bone marrow of a child's head absorbs 10 times more radiation than an adult, while those of infants and toddlers will absorb even more.<sup>621</sup>

The human studies which have been carried out by Dr. Alice Stewart of the Oxford Child Cancer Study now reveal in the 5-year follow-ups, an excess incidence of leukemia in the children born to mothers who were exposed to diagnostic ultrasound during their pregnancy. Ultrasound has replaced x-rays during pregnancy.<sup>622</sup>

Without a doubt, there is cause for concern regarding what is happening to the bones and brains of developing babies when they are exposed to ultrasound. The situation is especially worrisome with the rise in transvaginal ultrasound, which places the transducer perilously close to baby's head (and leaves some women feeling as if they have been medically raped).<sup>623</sup>

A bone thermal index of 10 (corresponding to a temperature rise of 10° C [50° F]) was reported by one manufacturer. Local tissue heating resulting directly from the transducer itself may also occur, and may cause a temperature increase exceeding 20° C [69° F].<sup>624</sup>

Deformities in the bones of children—especially near the head and face—may be the result of exposure to ultrasonic and/or other forms of radiation *in utero*. Treacher Collins syndrome (TCS) is one such possible radiation-induced disorder in which the development of cranial and facial bones is severely disturbed.<sup>625</sup>



Source<sup>626</sup>

Children afflicted with this condition are born with head and facial deformities that may affect the ears, eyes, nose, cheekbones, jaw, mouth, teeth (also bone), etc. They can develop life-threatening respiratory problems from obstructed airways, and may also have difficulty swallowing and eating.<sup>627</sup> Their lives can be filled with pain as they are subjected to multiple traumatic surgeries as a result of their deformities.

Depending on the severity, the condition may require surgical techniques including airway reconstruction, cheek...jaw reconstruction, ear reconstruction and cleft palate repair.<sup>628</sup>

Many children with TCS also develop hearing loss which is said to be caused by defects in three small bones in the middle ear.<sup>629</sup> As we will discuss in more detail in Part 2 of this series, ultrasonic waves hit the fetal ears with gale-force strength and heat. These waves may indeed be contributing to TCS deformities and genetic defects, as well as infant and childhood hearing loss.

Significantly, some of the children with TCS also present with microcephaly<sup>630</sup>—a condition already well-linked to radiation exposure.<sup>631</sup> They also have very few eyelashes—another indicator of radiation poisoning.<sup>632</sup>

Radiation damage is likely at the root of Treacher Collins syndrome, which is one of the many conditions that first appeared in our world after the introduction of lab-created radiation.<sup>633</sup> Although some medical sources say that TCS is caused by a heritable<sup>634</sup> genetic mutation,<sup>635</sup> in fact, the majority of children with TCS have parents who do *not* carry the genetic mutation.<sup>636</sup> Hence the mutations that are responsible for TCS often appear for the first time in the children who are born with the disease.

Most of the time, TCS is caused by a new mutation. This means neither parent has the TCS gene or TCS symptoms. If the mutation is new, the change in the DNA happened just before or soon after fertilization of the egg by the sperm.<sup>637</sup>

Almost all children with TCS have a mutation of one of three genes that control bone growth in and around the face. The TCS mutation causes a change in a baby's growth very early in pregnancy.<sup>638</sup>

Non-inherited genetic mutations are referred to as new, or “*de novo*,” mutations and are often the result of mutations in the sperm or egg of a parent.

[A *de novo* mutation is] an alteration in a gene that is present for the first time in one family member as a result of a mutation in a germ cell (egg or sperm) of one of the parents or in the fertilized egg itself.<sup>639</sup>

What is important to understand is that most parents today are chronically exposed to radiation through the use of wireless devices like cell phones, WiFi routers, cordless phones, smart TVs, smart cars, etc. **As a result of chronic parental exposure to radiation, children being born today are often the product of irradiated sperm and egg. Therefore, many of the children are going to have genetic mutations because the germ cells of their parents have been wholly corrupted by radiation exposure. Adding insult to injury, the medical establishment further exposes pregnant women and their developing babies to ultrasonic irradiation. The synergistic effect of all of this radiation exposure is a recipe for genetic, reproductive, and biological disaster.**

**Exposure to ultrasonic irradiation is especially concerning because the use of this technology has risen a whopping 92% since 2004.<sup>640</sup> A pregnant woman today with a normal, low-risk pregnancy can be exposed to as many 10-17 scans per pregnancy.<sup>641</sup>** These numbers do not include exposure to Doppler irradiation, which is excessive and 100% unnecessary.

Many women with low-risk, complication free pregnancies have more than a dozen fetal ultrasounds.<sup>642</sup>

A quick internet search of the question “*how many ultrasounds are normal during pregnancy*” turns up the following responses.<sup>643</sup>

With my 1st and 2nd pregnancy I went every 4 weeks until I was 34 weeks then every 2 weeks until my boys were born. Now with my 3<sup>rd</sup>... I will be about 15 weeks when I do go for my 1st ultrasound. And then every 4 weeks until I'm 34 weeks.<sup>644</sup>

I'm 13.3 weeks and have already had 5, but only because at my first u/s I was diagnosed as having a subchorionic hematoma. This was the first pregnancy I've seen an



ob/gyn with so with my three other pregnancies I went to a family practitioner who only had one throughout the entire pregnancies... I'd never had this many so I thought having 5 by now was kind of strange.<sup>645</sup>

When it comes to ultrasounds, there really isn't a "normal." I've had one at 4,6,9, and 12 weeks. Tomorrow at 13w1d I'll have my NT scan, then June 28th I'll have my anatomy scan. I've also had 3 m/c [miscarriages]... so that's why they were so frequent in the beginning.<sup>646</sup>

Based on the information thus far presented in this book, there can be no doubt that babies exposed to ultrasound multiple times during early pregnancy are at great risk of having some form of genetic and/or severe cellular damage. Moreover, ultrasonic heating can cause brain damage and birth defects and contribute to myriad diseases, some of which may not make themselves visible for many years.

If repeated experiments show that elevated heat caused by ultrasound damages fetal brains in rats and other mammals, one can logically assume that it can harm human brains, too... Following this line of thought, consider what other parts of the body are scrutinized by ultrasound technicians, such as the heart, where serious defects have soared 250% between 1989 and 1996.<sup>647</sup>

In fact, several studies have confirmed that the heart is negatively affected by ultrasound.<sup>648</sup>

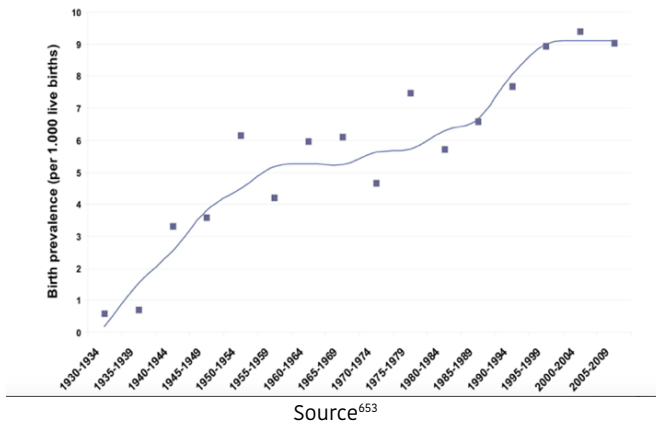
The major effect seen with [2.5 MHz] pulsed ultrasound was the presence of cardiac defects. Many of these abnormalities took either of two atypical forms: thinned ventricular walls with enlargement of the lumen or thickened ventricular walls with reduced lumen size. Histological examination of these hearts demonstrated that the fibers were disarrayed in a number of areas, and there were focal areas of necrosis... The incidence of fetuses with other cardiac abnormalities such as septal defects, was also increased at higher intensities.<sup>649</sup>

There were insufficient survivors in the teratogenic range to establish definite relationships between exposure intensity and incidence. With the exception of one fetus... the abnormal fetuses had multiple malformations

including cleft lip and palate, exencephaly, anophthalmia, multiple anomalies of the face, unilateral absence of the kidney, and septal defect of the heart.<sup>650</sup>

More than 32,000 infants are born each year with some form of heart defect (1 out of every 125 to 150).<sup>651</sup>

As the following graph shows, there has been a steep rise in congenital heart defects since the 1930s, or about the same time x-rays were introduced in obstetrics.<sup>652</sup>



After the steep and steady rise from 1930—1960, there was a brief leveling off. Then the numbers began to climb again around 1975, starting about the same time ultrasound was mainstreamed into obstetrics. Another steep incline occurred around 1995, shortly after the FDA decided to increase the allowable output levels of obstetrical ultrasound machines<sup>654</sup> (more on this shortly).

In 2003, the ECMUS Safety Committee noted that time-averaged values of intensity in the most common ultrasound scanning mode, *are now up to 1000 times greater than those reported in the 1970s.*<sup>655</sup>

Pathetically, members of the mainstream media and the medical establishment are attempting to blame the rising numbers of congenital heart defects on “climate change.”

Increasing temperatures from climate change could drive up the number of babies born with congenital heart defects, warns a new study from the *Journal of the*

*American Heart Association...* The report, released today, warns that heat exposure for mothers across the U.S. is set to rise. Previous research has found a link between pregnant women's heat exposure and congenital heart defects in their babies. 'Our results highlight the dramatic ways in which climate change can affect human health and suggest that pediatric heart disease stemming from structural heart malformations may become an important consequence of rising temperatures.'<sup>656</sup>

The idea that the Earth's climate is changing due to damaging things like cow farts and cow belching<sup>657</sup> is, of course, complete and utter bunk.<sup>658 659 660 661</sup>

Wildly irrational, clinically insane 'climate change' activists claim carbon dioxide, the No. 1 most important molecule for plant growth, food crops and rainforests, is a 'pollutant' that must be eliminated to save the planet. In reality, if it were eliminated from the atmosphere, the entire global food web would collapse, causing a mass extinction event that would end human civilization.<sup>662</sup>

Nevertheless, and despite its completely bogus nature,<sup>663</sup> so-called climate change<sup>8</sup> is also being promoted as the cause for the growing number of fatal heart attacks we are witnessing today, including in children as young as ten,<sup>664</sup> and also in many young adults.<sup>665</sup>

A team of German researchers has found evidence that heat-induced heart attacks are increasing, suggesting that climate change poses a risk to cardiovascular health<sup>666</sup>

Of course, nary a word is mentioned about the exorbitant amount of radiation we and our children are now being exposed to and the accompanying microwave pulses and **radiation heat** that have become ubiquitous in our world. Microwaves now permeate every square inch of our space thanks to cell towers, cell phones, WiFi routers, etc., and these microwaves are cooking the Earth and every living thing on it.

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<sup>8</sup> The purpose of the climate change narrative is to move western civilization away from traditional energy sources to wireless sources. See "*New laws to ban sale of petrol and diesel cars*" [rte.ie/news/2019/12/29/1103466-electric-car/](https://www.rte.ie/news/2019/12/29/1103466-electric-car/) for one example.

Global Warming or Climate Change is caused by the use of UHF and higher microwave frequencies at an enormous rate. The use of these frequencies must be restricted. 'Greenhouse gases' are not the cause of global warming and cutting Greenhouse gasses will NEVER stop Global Warming or Climate Change. The use of Microwave Radio Frequencies has a direct link with Global Warming or Climate Change. Microwave transmissions are causing RF heating on a global level.<sup>667</sup>

Stories of the soldiers who operate the Arctic radar stations and stand in front of the transmitter to get warm will surely be repeated now that the U.S. Department of Defense has gone public with plans to use the heating effect of millimeter waves within a weapon [and also in 5G technologies].<sup>668</sup>

About two weeks after the installation of the smart meters in my apartment building, I began to notice a change. When I turned on my oven for cooking, my oven seemed to be hotter than usual. It was a feeling of dry hot heat with a strong electrical charge. I felt as if I was being subtly zapped or lightly cooked. Over the next few days, I began to experience a burning sensation around my face... [This was] a constant feeling in all rooms of my apartment. This burning did not feel natural in any way. Everything has become more dried out in my apartment and many of my items such as area rugs and bedding have more static electricity including myself and my cats. If I sit at my computer now, I feel a constant burning energy which I did not feel before... There were 8 smart meters installed at the basement level under my apartment, and I reside on the fourth story of the building. This is quite a bit of distance away from the smart meters, and I am feeling these effects. I cannot imagine what it would feel like to be inhabiting an apartment a few feet away from the smart meters.<sup>669</sup>

In fact, our world is *saturated* with the 2.4 GHz frequency used in cell phones, cordless phones, baby monitors, smart TVs, etc., (more on this later), which frequency just so happens to be the exact same frequency used in microwave ovens!!!<sup>670</sup> Therefore, our wireless and ultrasonic devices are literally cooking us with

their noxious radiation<sup>9</sup> while the mainstream deceivers babble on about nonsense problems like methane and carbon emissions.

As discussed above, radiation heating is a major threat to the survival of fetuses and all life forms. Yet the FCC (Federal Communications Commission) and various other captured alphabet agencies<sup>671</sup> lie through their teeth, alleging that, only “high levels” of exposure to non-ionizing radiation can cause excessive heating, while the “low levels” we are currently enduring are perfectly safe.

Tissue damage in humans could occur during exposure to high RF levels because of the body's inability to cope with or dissipate the excessive heat that could be generated... [But] studies have shown that environmental levels of RF energy routinely encountered by the general public are typically far below levels necessary to produce significant heating and increased body temperature.<sup>672</sup>

Hence it is important to be wary of media sources as well as industry-funded “science,” since both are notoriously fraudulent.

A survey conducted by the New York based publication Microwave News in 2006 consisted of examining papers on microwave effects on DNA that were published in peer-reviewed journals since 1990. A total of 85 papers on the topic were identified. 43 of the papers reported finding a biological effect and 42 did not. Of the 42 no-effect papers, 32 were identified as having been funded by either the U.S. Air Force or industry. With the 43 papers that reported effects, only 3 were identified as being funded by Air Force or industry. This survey thus suggests that the source of funding has a strong influence on the outcome of research.<sup>673</sup>

Since they scorn the use of their science for the purpose and profit of life, they deliver their science to the service of death... The intellects who seek escape from moral values are the damned on this earth. Theirs is the guilt beyond forgiveness.<sup>674</sup>

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<sup>9</sup> Please see the chapter in this book entitled “*Is Non-Ionization Radiation Safe*” for details about how we are literally being cooked by the 2.4 GHz frequency used in microwave ovens that is also being used to power our wireless devices. This particular frequency is well-documented to cause heart irregularities and cardiac arrest, among many other serious health issues.

Medical science, too, is disturbingly invalid.

The case against science is straightforward: much of the scientific literature, perhaps half, may simply be untrue.<sup>675</sup>

Medical science is dominated by the pharmaceutical industry which funds half of all clinical trials... Pharma companies implement an elaborate marketing protocol, using multiple strategies, and an intricate network of stealth agents and collaborators. These collaborators produce the data, manage, select, shape it for publication, disseminate, and publicize the 'science-based medical knowledge' that is of highest commercial value to the companies that hires them.<sup>676</sup>

Medical journal editors are paid huge sums by pharmaceutical companies each year. This is something most of us already know - we see the sponsored pens and all the fancy conferences doctors go on thanks to 'big pharma'. But that's only a small part of it. The industry also just hands them money directly... Of the journals that could be assessed, 50.6 percent of editors were receiving money from the pharmaceutical industry - in some cases, hundreds of thousands of dollars... The average 'in hand' payment in 2014 alone was US \$27,564, plus research funds. Worst on that list is the *Journal of the American College of Cardiology (JACC)*, where 19 of its editors received, on average, US \$475,072 personally and another US \$119,407 for 'research'.<sup>677</sup>

Despite the claims being made by the media and fake scientists, heart attacks and congenital heart defects are *not* being caused by methane or greenhouse gases or carbon emissions or climate change. Rather, heart defects are being driven by increasing exposure to lab-created radiation and the accompanying radiation heat being emitted by all non-ionizing technologies like cell towers, cell phones, cordless phones, baby monitors, ultrasound, etc.

Levels of radiation heat are about to intensify with the roll-out of 5G and, from the articles above, we can quickly discern that those who are responsible for unleashing this technology in our world are alerting us to the fact that a whirlwind of birth defects is about to ensue, and they intend to blame it on "climate change."

Heat exposure for mothers across the U.S. is set to rise... Pediatric heart disease stemming from structural heart malformations may become an important consequence of rising temperatures.<sup>678</sup>

Increasing exposure to ultrasonic irradiation *in utero* is also contributing to a rising number of *brain defects* which should concern us greatly since *billions* of children around the world have been exposed to this technology.

Brain defects were produced at all stages of gestation but tended to involve the forebrain more at earlier times. Defects such as fusions of the ribs or vertebrae, spina bifida, and limb reductions were produced... The types of malformation produced by ultrasound thus appear to follow the same pattern of change with gestational age as do those produced by X-ray irradiation.<sup>679</sup>

Millions of babies have been repeatedly exposed to ultrasound throughout gestation, and then continuously for hours during hospital birth through electronic fetal heart monitors.<sup>680</sup> This type of extended exposure can literally cause death.

Pregnant DHS mice bound to a board were irradiated on the 9<sup>th</sup> day of gestation with continuous wave (2.25 MHz) ultrasound for a period of 5 hours... The rate of fetal death was said to be increased significantly in the irradiated group. Later, the same authors reported a statistically significant increase in fetal abnormalities in a different mouse strain...and a significant effect on fetal mortality.<sup>681</sup>

Sadly, women are led to believe that prenatal ultrasound will somehow prevent their babies from dying, but the Truth is, ultrasound can and does kill babies.

Research shows populations exposed to ultrasound have a quadrupled perinatal death rate.<sup>682</sup>

That night, in the middle of the night, I got intense cramping and back pain, fever, and then I passed the baby that night. That was really, really devastating and I honestly didn't think anything about the ultrasound... But then I spoke to someone who I know who is an RN and they were like 'Oh, she had an ultrasound? You are the

sixth person who told me recently that they miscarried right after an ultrasound.<sup>683</sup>

I had a miscarriage right after my first ultrasound, which showed everything was normal (at 5 weeks). Left clinic, came home, started bleeding. Coincidence? Who knows, but next time I won't let doc scan me until much later.<sup>684</sup>

A large randomised controlled trial... randomly divided over 9,000 women into a group who were scanned at sixteen to twenty weeks compared with those who were not. It revealed twenty miscarriages after sixteen to twenty weeks in the screened group and none in the controls.<sup>685</sup>

Routine ultrasound screening of pregnant women does nothing to reduce the number of perinatal deaths... Researchers found that those 1246 women having doppler ultrasound were more likely to lose their babies than those in the control group who received only standard neonatal care.<sup>686</sup>

Obstetricians in Michigan...studied 57 women at risk of giving birth prematurely. Half were given a weekly ultrasound examination; the rest simply had pelvic examinations. Preterm labour in the ultrasound group was more than twice that of the control group (52 per cent compared with 25 per cent).<sup>687</sup>

A study done in Helsinki and published in 1990 found that if the physiotherapist was pregnant and handling ultrasound equipment for at least 20 hours a week there was a significant increase in the risk of spontaneous abortion.<sup>688</sup>

Below is one woman's personal story of her baby being killed by ultrasound. Thank you to Lisa Buckland for providing this most intimate and personal testimony of the death her child.

On February 20<sup>th</sup>, we had our first appointment at the midwife's practice, but instead of her being interested in what kind of birth we would like to have, this first appointment was all about the ultrasound...



[With previous midwives, ultrasounds] were always done very quick and impersonal. But now, the midwife was very chatty with my husband while she conducted the ultrasound... I knew that long exposure to ultrasound conducted in the early stage of pregnancy is dangerous, so I really got angry about her not just doing her job but chatting around and forgetting about her hand holding that transducer that rested on me...

This [was to be] my second child, so I had a [previous] pregnancy with 3 ultrasounds before. But back then, the ultrasounds were conducted later in pregnancy and all of them were super short, 2 - 5 minutes.

Already this first one took that midwife 10 minutes. *'Oh, look how it's now trying to move. It cannot move a lot at 8 weeks but it's trying it's best...'* she said. And I thought... *'Have you ever asked yourself the question why babies are moving more and more while the ultrasound hits them? Could the answer be a negative one?'*

On the 13<sup>th</sup> of March, we had our second appointment with the midwife. I had had a long day and little time to eat. So I ate something quickly before we arrived around 7:30pm at the midwife's practice. Another ultrasound was scheduled for that day. So, after some nonsense talk she went over to the ultrasound. The first picture was visible...and it was all black. The only thing you could see were my filled intestines. So she tried to push my intestines away and get hold of the baby from another angle. In the background, we could see the baby moving, but she still wanted to make her measurements, and for that, the visibility wasn't good enough. Instead of giving up at this point, she changed some things on the ultrasound machine, pushed harder against my belly and would just not give up. It took her 20 minutes before she finally changed her mind and decided to give it another try the morning after. We agreed. What else could we have done? Our son was with us that day to see his brother. Would he not have been there with us, she would have done a transvaginal ultrasound instead...which I really did not want to have done because I was aware that this technology is even more harmful.

As we left the practice I told my husband: *'I think she has just killed our baby.'* He responded: *'Don't think like that. I am pretty sure they know what they are doing and what is safe.'* How wrong he was!

We arrived at home and I had a strange pain, which was similar to the pain I had after the first ultrasound during this pregnancy but just much stronger. I needed about two hours to feel normal and pain free again.

The next morning, we showed up again in the practice. I actually was fearful. Because of the way I was feeling after the ultrasound, I was hoping that the baby would still be alive. After lots of pushing, she finally managed this time to put the baby in the picture and make her bloody measurements. The baby was completely fine. She pointed out that it had a nice narrow neck, thus no chromosomal abnormalities, and that everything looked fabulous. The baby again started to move more and more during this procedure which also took 20 minutes. Thus, within 14 hours, I had 40 minutes of ultrasound! And guess what, after this ultrasound I felt just as bad as after the previous one!

A month later we returned. And because the midwife couldn't find the heartbeat, she sent us to the hospital to conduct another ultrasound by a specialist because, as she said... *'I am not a specialist in this field (ultrasound) so it's best if a specialist looks at it.'* And I thought: *'If you are not a specialist. Why are you then doing it!'*

At the hospital, I was told that my baby had died. Since I had already assumed that the ultrasound was super bad for my baby because it also affected me so badly, I asked for measurements of the dead baby to see for myself if my assumption was right. And yes, the baby had been perfectly fine up until these last ultrasounds and died at 11.5 weeks without any reason. It measured hardly any more than at that last ultrasound 5,28 cm (last time we saw it alive) versus 5,30 cm (dead). Note...every time you measure a baby via ultrasound, it slightly varies... thus the measurements could also be exactly the same. This is the proof for me that my baby had died because of the ultrasound!

I cannot tell you how angry I am and frustrated with myself. During these last two ultrasounds, I was constantly thinking... *'Why do you need to do this, you already have all the measurements from the first time. I know that long exposure to ultrasound is bad. Stop it!'* But nothing came out of my mouth.

[Later, when my baby was born], I quickly caught him just as I had done with our first son... But when I looked at him, I just had to scream out loud. His lower chin was opened far and expressed a horrible scream with wide open eyes. I started crying...

It took me a few days before I was ready to bury him. But then one day it just seemed right and we gave him a nice place in our garden and planted a baby tree on top of him. There will always be a part of my son living in that tree.

***I was supposed to live and have a future...***



***But I was killed by ultrasound!***

So you see, dear reader, ultrasound is literally torturing our babies while they are in womb and forcing them to experience horrific things, including death! This one story alone should confirm that we must stop acquiescing to medical demands and take a stand against this evil by refusing ultrasound during pregnancy. Enough damage has already been done. How many more babies must die before we wake up?

Miscarriages can be easily induced by ultrasound due to excessive heating. Such heating can occur when an ultrasound technician leaves the transducer in one place for too long. Although this type of heating has been documented in dozens of scientific studies, the

medical establishment has refused to act responsibly by training ultrasound technicians properly<sup>689 690</sup> (so as to avoid pregnancy loss or fetal damage), and/or putting a halt to the use of this dangerous technology during pregnancy.

Barnett's ultrasound research found evidence to suggest that pulsed Doppler exposure... could cause significant heating, up to five degrees [Celsius], in the foetus, particularly near the bone... [This heating] can have significant consequences to the developing foetus.<sup>691</sup>

When Dr. Stan Barnett's research was first published in the 1990s,<sup>692</sup> the establishment moved swiftly to keep it from reaching the public.

A new study... published in the journal, *Proceedings of the National Academy of Sciences*... found that when pregnant mice were exposed to ultrasound, their developing offspring suffered brain abnormalities... Similar dangers were found in research by Australian CSIRO scientist Dr. Stan Barnett over 6 years ago. However, for Dr. Barnett's efforts, not only did his warnings go unheeded but he was blacklisted by the federal government, his division broken up and CSIRO ordered to do no further research on non-ionizing radiation health effects.<sup>693</sup>

**About the same time Barnett's research was being buried, the FDA decided to raise the maximum allowable output limits on obstetrical ultrasound machines eightfold, from 94mw/cm<sup>2</sup> to 720mW/cm<sup>2</sup>.<sup>694</sup>**

During the early 1990s a change was made by the [FDA] in the USA that has affected all those using ultrasound for medical diagnosis... The change allowed intensities previously reserved only for peripheral vascular studies to be used for all studies, including first-trimester scanning. No epidemio-logical or other evidence was then, or is now, available to support the assertion of safety at these higher exposures.<sup>695</sup>

The National Institutes of Health (NIH) held a conference assessing ultrasound risks. It reported that when birth defects occurred, the acoustic output was usually high enough to cause considerable heat.<sup>696</sup>

Those in charge at the FDA repeatedly insinuate that ultrasound is safe—even claiming on their website that ultrasound has an “*excellent safety record.*” Nevertheless, the FDA is forced to admit the following:

Ultrasound energy has the potential to produce biological effects on the body. Ultrasound waves can heat the tissues slightly. In some cases, it can also produce small pockets of gas in body fluids or tissues (cavitation). The long-term consequences of these effects are still unknown. Because of the particular concern for effects on the fetus, organizations such as the American Institute of Ultrasound in Medicine have advocated prudent use of ultrasound imaging in pregnancy.<sup>697</sup>

Ironically, the American Institute of Ultrasound in Medicine, along with the American College of Obstetricians and Gynecologists (ACOG), and The Society for Maternal-Fetal Medicine, all recommend first trimester ultrasound scanning for the dating of a pregnancy.<sup>698</sup> They do this despite the fact that the estimated due date has been successfully calculated for generations without the use of radiation, and in any event, ultrasound dating is notoriously inaccurate.

It is common that each ultrasound throughout the pregnancy will predict a different due date.<sup>699</sup>

I had the same situation with my first son. All the doctors told me different dates because of his size. The date's kept moving up. He was almost a month late, from the doctor's date. They told me He was due on the 4th of Aug., or sooner. He was born on the 23rd of Aug. Your best bet is to think hard about when your last "monthly" was, and then add 10 months.<sup>700</sup>

My second daughter had about four different due dates. My Dr. just finally took the one in the middle (they were only apart by a couple of days) and stuck with it. At best these are only estimates and the baby will come when ready.<sup>701</sup>

How accurate are due dates given by ultrasound measurements? I've been told 4 different ones at first, I was measuring small edd of Feb. 19 then I was told Feb.

25 and then feb. 27 now I'm 34 weeks and the baby and I are both measuring 36 weeks which puts me at Feb. 4 and the baby is in head down position, im so confused!!<sup>702</sup>

First the dr told me i was due sept. 19th then the next 2 ultrasounds said Sept 11th and he finally came on sept 21st...so i guess its really whenever they are ready.<sup>703</sup>

Based on the above commentary, it is clear that the estimated due dates provided by ultrasound scans mean absolutely nothing. The fact is, only 4% of babies will be born on their due date anyway,<sup>704</sup> so what, exactly, is the point of exposing defenseless babies to this dangerous technology, especially during early pregnancy?

While some research shows ultrasound to be more effective in determining a due date than simply calculating based on a woman's last menstrual cycle, the difference detected in most cases would be unimportant and not impact the outcome for mother or baby.<sup>705</sup>

Keep in mind that the first trimester of pregnancy is a time of great vulnerability for the developing baby, especially with respect to radiation-induced genetic damage that can multiply during cell division. So how is it possible that the organizations listed above—the ones that are allegedly responsible for the well-being of our children—recommend the use of ultrasonic irradiation during the first trimester of pregnancy? And how can the FDA state with a straight face that ultrasound is "*particularly useful for women of childbearing age when CT or other imaging methods would otherwise result in exposure to radiation*"?<sup>706</sup>

Here the FDA has implied that ultrasound is *not* radiation, and this lie has been projected out into the world over and over again. The deception is absolutely astounding, and it is time for people to know The Truth.

To give the FDA a very small amount of credit, the organization does acknowledge on its website that ultrasound can cause heating and cavitation.<sup>707</sup> However, the FDA also tries to downplay these potentially lethal effects by stating that ultrasound can "*heat the tissues slightly*" and cause "*small pockets of gas in bodily fluids and tissues (cavitation)*."<sup>708</sup> What the FDA fails to mention is that—in the same way water molecules bubble up when you heat them and then collapse from the pressure applied by the heat and surrounding boiling water—those "*small pockets of gas*" (boiling

bubbles) that the FDA alludes to on its website tend to *violently implode* in sonicated liquids in response to radiation force and pressure. This process is called "cavitation" and when the bubbles implode, *intense* localized heating can occur.

The first time I saw this cavitation process in action, a chiropractor turned on the therapeutic ultrasound machine in his office and placed a few drops of water on the part of the machine that was applied to the patient. I wish every reader... could have been with me to watch that water suddenly boil and bubble.<sup>709</sup>

The act of bubble or cavity formation within a liquid upon ultrasound exposure is called *cavitation*... When subjected to the force of ultrasound, these bubbles undergo expansion with the expansion half cycles and compression with the compression half cycles. Just picture taking a balloon, blowing it up, then sucking in a little of the air and seeing it contract a little bit, and repeat this procedure over and over again. In this analogy, you are the ultrasound wave, the force driving expansion and contraction. The main problem is that with each subsequent cycle, the bubble compresses less and less, so over time the size of it grows until at which point, much like when that balloon is filled till it pops, the surface area of the bubble can no longer withstand the pressure. In the case of a bubble in liquid, it implodes and the surrounding water rushes in, meets with the gases once trapped in the bubble, triggering a violent chemical reaction which produces an extraordinary local rise in temperature— a temperature close to that of the surface of the sun.<sup>710</sup>

The above description should leave no doubt that what is occurring in sonicated liquids is very much the same as what happens to crystals when alternating currents are applied to produce lab-created ultrasound. Just as the crystals morph and deform and expand and contract at the rate of millions or billions of times per second, so too, does ultrasonic cavitation cause a pressurized process of repeated expansion and compression of gaseous bubbles in liquid until the bubbles finally implode, causing major biological disturbances. **These implosions can create particle collisions at speeds of up to 500 miles per second**<sup>711</sup> as well as *extreme* localized temperatures.

The collapse of bubbles caused by cavitation produces intense local heating... These hot spots have equivalent temperatures of roughly 5000 K [or 8450 Fahrenheit].<sup>712</sup>

These bubbles collapse rapidly and violently when the local absolute pressure increases... These implosions cause severe damage.<sup>713</sup>

Significantly, violent implosions can also occur in human blood, amniotic fluid, cerebrospinal fluid, etc., when humans are exposed to ultrasound.

We have demonstrated the production of cavitation and free radicals [in amniotic fluid] at intensities on the order of those used in some medical applications. Thus, care should be taken to limit acoustic exposure, particularly to the fetus, wherever possible, especially with continuous wave systems.<sup>714</sup>

The acoustic pressure causing microcavitation in blood is in the range of the pressure generated by some medical diagnostic devices.<sup>715</sup>

In an attempt to absolve itself of responsibility for the gross understatements on its website, the FDA states that the long-term consequences of ultrasonic heating and cavitation are not known. However, the FDA knows full well about the extreme effects caused by ultrasonic heating and cavitation, having approved "therapeutic" ultrasonic heating modalities<sup>716 717</sup> that can literally burn people's bones,<sup>718</sup> as well as aesthetic "body sculpting" modalities that utilize ultrasound to implode, collapse, and completely obliterate fat cells.<sup>719</sup> The obliteration of fat cells is accomplished through the process of "*cavitational mechanical destruction*"<sup>720</sup>—which process has been documented to effectively destroy many different types of cells, including progenitor cells.<sup>721</sup>

In case where the purpose is not humane, cells of any part of the body can be cumulatively destroyed.<sup>722</sup>

High power ultrasound produces cavitation that facilitates particle disintegration... Biological cells including bacteria can be disintegrated.<sup>723</sup>

It was shown that living cells might be literally shaken to pieces by a beamed cavitation effect... Surgeons



experimenting with dogs and rabbits succeeded in shattering gallstones into fragments in just a few seconds.<sup>724</sup>

These little bubbles can also cause other problems aside from temperature increase. As you might imagine, when a bubble implodes it can create a considerable force of pressure in the surrounding medium such that nearby cells may be hit with high pressure water jets... In a worst case scenario, the jets of water may fatally damage the membrane and internal structures of cells, leading to cell death. In a less deadly scenario, the water jet may poke transient holes through the outer membrane of the cell which allows into the cell many communicating molecules such as sodium, calcium, and various proteins...

So what harm can a little calcium do? Well, if it doesn't kill off the cell through calcium cytotoxicity, the fact that many of these extracellular molecules are normally used in a *controlled* way for cell-to-cell communication essentially feeds cells the wrong messages and could feasibly alter the development of cells permanently, especially concerning stem cells, progenitors, or immature cells which may pass down these alterations through further generations.<sup>725</sup>

Significantly, "neuroscientists" are using ultrasound to purposefully induce disruptions in calcium signaling so that they can remote control people's brains and nervous systems.

The ASU research group discovered that remotely delivered low intensity, low frequency ultrasound (LILFU) increased the activity of voltage-gated sodium and calcium channels in a manner sufficient to trigger action potentials and the release of neurotransmitter from synapses. Since these processes are fundamental to the transfer of information among neurons, the authors pose that this type of ultrasound provides a powerful new tool for modulating the activity of neural circuits... Other neuroscientists and engineers have also been rapidly developing new neurostimulation methods for controlling nervous system activity.<sup>726</sup>

Although the ASU research group claims to be using this technology for medical reasons, in Truth, their research was

funded by the U.S. Army and DARPA (The Defense Advanced Research Projects Agency) and is intended to be used for military purposes.<sup>727</sup>

Since disruptions in calcium signaling can induce a variety of neurodegenerative diseases including Alzheimer's disease, Parkinson's disease, amyotrophic lateral sclerosis (ALS), Huntington's disease,<sup>728</sup> and more, the question remains as to whether the military/medical/radiation establishment may be responsible for *deliberately* inducing the Alzheimer's epidemic for purposes of mind control.<sup>10</sup>

In the brain, calcium is fundamental in the control of synaptic activity and memory formation... Properly controlled homeostasis of calcium signaling not only supports normal brain physiology but also maintains neuronal integrity and long-term cell survival. Emerging knowledge indicates that calcium homeostasis is not only critical for cell physiology and health, but also, when deregulated, can lead to neurodegeneration via complex and diverse mechanisms involved in selective neuronal impairments and death.<sup>729</sup>

In fact, it has been suggested that at least some of the people who suffer with multiple sclerosis, Parkinson's and/or Alzheimer's disease may be victims of failed mind control programs.<sup>730</sup>

Some people diagnosed with Multiple Sclerosis (MS) are really failures of... mind control... The effects of the programming are not just in the mind. It has been scientifically shown that the torture memories are embedded in the cells of the body...<sup>731</sup>

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<sup>10</sup> In fact, neuroscientists most definitely are using a variety of radiation-emitting technologies to effectuate mind control, including "intense lights" (no doubt similar to the ones now being installed in car headlights and street lamps all across the Earth). According to the following source, intense lighting can contribute to implanting false memories in innocent beings. An article entitled "*Scientists Zap False Memories Into Birds to Teach Them Songs They've Never Heard,*" reads as follows: "*Young zebra finches typically learn their birdsongs by absorbing and mimicking the songs of their parents. However, researchers managed to manipulate electrical activity in the birds' mind, inserting genes into specific neurons into their brains that relate to learning songs... Neuroscientists...relied on a...process called optogenetics, the scientific name for **controlling the behavior of neurons through a combination of intense lights and genetic engineering.***" See the following link for more info: [tinyurl.com/y4crlvbr](http://tinyurl.com/y4crlvbr).

In addition to causing disruptions in calcium signaling, ultrasonic cavitation has also been documented to induce vascular damage,<sup>732</sup> damage to the blood-brain barrier,<sup>733</sup> and destruction of red blood cells,<sup>734</sup> all of which may be contributing to stroke,<sup>735</sup> hemorrhage,<sup>736</sup> fatal blood disorders, and more.

It has been hypothesized that ultrasonically induced cavitation is the cause of hemorrhage in the lungs and intestines in animal studies.<sup>737</sup>

A recent study showed a dramatic increase in cerebral hemorrhage... with low-frequency ultrasound... The observed excessive bleeding rate... might thus be attributable to primary blood-brain barrier disruption by ultrasound.<sup>738</sup>

Focused ultrasound drug delivery to the brain uses 'cavitation'... to temporarily open the blood-brain barrier. The problem with this method has been that if these bubbles destabilize and collapse, they could damage the critical vasculature in the brain.<sup>739</sup>

A combination of thermal and nonthermal effects are purported to be responsible for hemorrhage adjacent to bone. The degree of hemorrhage increased linearly with acoustic intensity, pulse repetition frequency, and transducer frequency in neonatal rats.<sup>740</sup>

As mentioned earlier in this book, stroke rates among young people are rising quickly and are, no doubt, related to radiation-induced vasculopathy that causes blood vessels to constrict and impairs blood flow to the brain.<sup>741</sup>

Between 2000 and 2010, hospitalizations for ischemic strokes...in people between the ages of 25 and 44 surged by 44 percent.<sup>742</sup>

[Radiation-induced vasculopathy] causes narrowing of the blood vessels, known as a lesion, which reduces the amount of blood flow through the vessel... Serious complications such as a stroke can be associated with radiation-induced vasculopathy.<sup>743</sup>

Pulsed microwaves alter not only the EEG but also regional cerebral blood flow, and continuous exposure of EMR

[electromagnetic radiation] causes alterations in brain physiology.<sup>744</sup>

Constriction in blood vessels may initially be felt as headaches which are a well-documented side effect of exposure to cell phone radiation.<sup>745 746</sup>

The most common symptom of radiation-induced vasculopathy is a headache due to limited blood flow (ischemia) to the brain.<sup>747</sup>

Thus, it is important to note that those who are experiencing headaches either during and/or after cell phone use may be heading for stroke.

30 years ago...the average age of cerebral stroke was around 60 years. Now, the average age has dropped down to 25 years. But even worse...is that, in France for example, last year there were more than 2,000 babies who were born with cerebral stroke.<sup>748</sup>

Although the scientist just quoted above blames the increase in infantile cerebral stroke on mothers who use laptops and cell phones, the elephant in the living room that everyone seems to be ignoring is the fact that ultrasonic irradiation and cavitation are also contributing to this extreme form of infantile brain damage that is likely iatrogenically induced.

In addition to causing potentially lethal vascular damage,<sup>749</sup> ultrasonic cavitation has been shown to produce free radicals in both amniotic fluid and blood plasma, as well as reactive oxygen species<sup>750 751</sup> which are both mutagenic and carcinogenic.<sup>752</sup>

Ultrasonic irradiation in a continuous wave or long pulse mode can produce relatively large amounts of free radicals in amniotic fluid and blood plasma in vitro at acoustic intensity levels significantly less than those in routine use in therapy and only moderately greater than those used for fetal monitoring.<sup>753</sup>

Free radical production in amniotic fluid and blood plasma by medical ultrasound... provides a likely mechanism for the origin of the DNA damage.<sup>754</sup>

Incidentally, free radicals are "unstable" atoms with at least one unpaired electron.<sup>755</sup> They are highly reactive particles that can

"*ricochet wildly*"<sup>756</sup> within the body and damage cells. They are believed to contribute to cancer and a variety of other diseases.<sup>757</sup>

Please note that the immense biological damage described throughout this chapter would not be observable simply by looking at the exterior of a child's body. Therefore, although babies may appear normal and healthy at birth, the internal contents of their bodies may have nevertheless been cooked, scrambled, and/or completely disturbed by exposure to ultrasound. Conveniently, the technology leaves no sign of damage on the skin, so the medical establishment is assured that parents will remain blissfully unaware of any medically-induced harm.

Devices using ultrasound... are supposedly capable of carrying out bloodless internal operations without leaving a mark on the skin. They can also... be used to kill.<sup>758</sup>

In [one] test, ultrasonic waves... pass through water in which an egg has been placed. The energy of the waves breaks down the contents of the egg and cooks it – without breaking the shell.<sup>759</sup>

[In] 2001, the Marine Corps announced a new non-lethal weapon, 'active denial technology'. It produces enormous pain by allegedly boiling the molecules of water in the human skin without damaging the skin itself.<sup>760</sup>

- . Directed energy effects such as Active Denial System can make the target feel that they are on fire indefinitely without the target dying from burns.<sup>761</sup>

The destructive effects of ultrasound in cells has been proved. In high therapeutic range tumour cells can be destroyed though tumour eradication is incomplete. In case where the purpose is not humane, cells of any part of the body can be cumulatively destroyed... This would be most desirable by the torturer because in the long run it would be difficult to prove by the victim that the effect has been the direct consequence of the torture.<sup>762</sup>

Meanwhile, neuroscientists are working behind the scenes devising methods by which they can use ultrasound to *deliberately* destroy structures in the central nervous system and brains of animals—priding themselves on the fact that such destruction can be done "discreetly," with absolutely no sign of damage on the skin.

With proper choice of ultrasonic dosage, mice were rendered monoplegic by destruction of one-half of the spinal cord without demonstrable injury to the skin or subcutaneous tissues through which the converging ultrasonic beam had been transmitted... Focal lesions were produced in the basal ganglia of living cats by stereotaxic transdural application of a focused ultrasonic beam delivered through the superior aspect of the cerebral hemispheres... The destructive action of the ultrasound is apparently a result of mechanical strain combined with a rise in temperature at the focus of the beam...<sup>763</sup>

Hence babies can literally be tortured with ultrasonic frequencies, and although they may be born with what appears to be an intact "shell" or body, it is nonetheless likely that the internal contents of their bodies (their blood, bones, brain, heart, nervous system, DNA, etc.) have been severely disturbed by exposure to ultrasound *in utero*.

But it does beg the question what ultrasound exposure may be doing to the cellular contents within exposed cells. Poking transient holes through membranes, jostling the cell's internal contents, disturbing its general physiology, and if exposure occurs for a long enough duration, the greater the likelihood of cavitation, deadly jets of water, and thermally-induced damage.<sup>764</sup>

Studies done using ultrasound on laboratory animals found genetic alterations in chromosomes, decreased blood clotting ability, liver cell damage, brain enzyme damage, corneal (eye) damage. In some animals, the EEG activity was altered (brain messages were confused) and reflexes were impaired (delayed). A study of human infants disclosed disruption of the spleen's ability to produce antibodies with which to fight disease!... Doris Haire (Director, Association of Maternal Child Health in New York) has called ultrasound 'The DES of tomorrow'.<sup>765</sup> Would a slightly weakened immune system be apparent at birth? Or some mild-severe neurological problems? There are so many crazy new disorders and diseases with babies these days... Personally, 100% of the babies of friends I've had who had multiple ultrasounds have had issues with sleeping as babies, and having worse than normal immune systems, babies that get sick ALL the

time. And as toddlers they seem slightly autistic or “off” socially... not enough for them to be considered autistic, but enough to see when all the kids get together, which ones are “different”.<sup>766</sup>

All of these facts prompted one researcher to comment:

While the medical profession persists in failing to address the safety issue, they continue to tell women that ultrasound is safe. Even if they use the criteria that anything short of dead can be considered safe, ultrasound fails the test.<sup>767</sup>

Parents need to be aware. The medical establishment has made it clear that it has no qualms about lying when it serves their purposes.

Ultrasound may be safely used during pregnancy or in the presence of allergies to contrast dye, because no radiation or contrast dyes are used.<sup>768</sup>

Ultrasound is safe for you and your baby when done by your health care provider. Because ultrasound uses sound waves instead of radiation it’s safer than X-rays. Providers have used ultrasound for more than 30 years, and they have not found any dangerous risks.<sup>769</sup>

During pregnancy, doctors use ultrasound to view the fetus. Unlike x-rays, ultrasound does not expose you to radiation.<sup>770</sup>

Unlike x-ray, which sends out a stream of electromagnetic radiation, ultrasound simply sets up a vibration in human tissues. Thus it can be safely used... during pregnancy.<sup>771</sup>

Mainstream sources like Wikipedia blatantly lie to the public, claiming that sonography does not cause adverse heating.

Sonography does not use ionizing radiation, and the power levels used for imaging are too low to cause adverse heating... in tissue.<sup>[citation needed]772</sup>

Of course, Wikipedia’s statement is offered up with no citation whatsoever. And while many of us already know that Wikipedia is a notorious disinformation site,<sup>773 774 775</sup> millions still use Wikipedia

as if it were a credible source of information. And herein lies the danger. Parents that actually believe the information posted by Wikipedia are in danger of being duped into thinking ultrasound is safe. It most definitely is not. And Wikipedia should not be considered a valid source of information. In this case, it is useful only for documenting the absurd lies of medical apologists and the myriad ways they present their distortions in order to lead people away from The Truth. Such apologists can be found in many different forms, even under the guise of "ultrasound researchers" whose work clearly documents ultrasonic harm, yet whose conclusions somehow make little or no mention of this critically important fact.

In 1992, a report of a randomised controlled trial of Doppler ultrasound of 2600 women at Queen Charlotte's Hospital (Davies et al, 1992) revealed that there were four times as many perinatal deaths (4:16) in the Doppler group and almost three times as many stillbirths (4:11) compared with the group which did not have Doppler ultrasound.<sup>776</sup>

In addition to a quadrupled perinatal death and stillbirth rate, the Davies study also found that 10% of the babies in the Doppler group (i.e., the ones that actually made it out of the womb alive) suffered from low birth weight.<sup>777</sup> Incidentally, low birth weight and/or fetal growth retardation are well documented "side effects" of ultrasound exposure *in utero*,<sup>778 779 780</sup> and we will discuss this in more detail shortly. Yet the authors of the Davies study suggest that their findings somehow occurred by "chance." Rather than acknowledge the multiple studies that previously documented low birth weight in response to ultrasound exposure—and rather than state firmly that Doppler exposure may be responsible for undermining and/or ending thousands of pregnancies—the researchers instead make the pitiful conclusion that routine Doppler examinations are unlikely to improve perinatal outcome.

Researchers are sorely needed at this time who have the courage and integrity to state firmly that these radiation-emitting devices should be banned during pregnancy because they are extremely harmful (and potentially life-threatening) to the child. I am proud to include myself in this group and will do everything I can to expose the lies and inform people of the facts.



## CHAPTER SEVEN

### INFERTILITY

*“And the dragon was wroth with the woman  
and went to make war with the remnant of her seed.”*

- Revelation 12:17

In addition to causing extreme heating as well as severe cellular and DNA damage, ultrasound is also showing itself to be a major threat to human fertility. Ultrasonic irradiation has been documented to cause morphological changes to ovarian and testicular tissue,<sup>781 782</sup> have deleterious effects on the menstrual cycle,<sup>783 784</sup> induce premature ovulation,<sup>785</sup> cause problems with embryo implantation,<sup>786</sup> and **permanently halt sperm production.**<sup>787</sup> Deleterious reproductive effects, including structural and functional changes to the reproductive system, have been repeatedly documented across multiple species as the following excerpts confirm.

In one insect study (Kato, 1966), it was found that chromosomal sperm cell damage from ultrasound was worse than that caused by x-rays.<sup>788</sup> Mice studies have documented an increase in stillborn pups<sup>789</sup> as well as morphological alterations to mouse ovaries similar to those cause by ionizing radiation.

Morphological alteration of cells was observed in mouse ovaries exposed to high ultrasonic intensity (25W/cm2)... There were other subtle morphological alterations that were very similar to those of ionizing radiation... Ultrasonic

energy has been found to affect spermatogenesis and fertility.<sup>790</sup>

**Please note that the above source makes reference to a study from 1955 that confirms that medical scientists have known for nearly 70 years that ultrasound interferes with fertility on multiple levels.**

Rat studies have documented that ultrasound can shut down sperm production.<sup>791</sup>

In the study, the rats' testes were exposed to high frequency ultrasound at 3 MHz for 15 minutes each, two days apart. The sessions were enough to **kill the existing sperm in the testes and stop the development of additional sperm.**<sup>792</sup>

One monkey study documented a 92% decrease in average total sperm count from ultrasound exposure.

Semen samples from all males, regardless of exposure method, exhibited a decrease in the percentage of motile sperm following ultrasound treatment. There was an average reduction in motility of 40% the week following treatment... Following treatment via the cup method, males exhibited up to **a 91.7% decrease in average total sperm count.**<sup>793</sup>

Human studies have also documented myriad forms of interference with fertility including premature ovulation and difficulties with embryo implantation.

The testicles of group C [30 minutes of ultrasound exposure] showed swollen spermatogonia with rarefaction of nuclear chromosome and obscurity of mitochondria structure.<sup>794</sup>

The implications of premature ovulation after ovarian ultrasonography, reported by Testart et al, are disturbing. If ultrasound can affect the adult ovary, what then is the effect of ultrasound on the ova of the female fetus?<sup>795</sup>

Siegel (1979) observed increased cell detachment at low exposure. Cells normally attach to substrates and to each

other. Their finding relates to **embryo implantation problems and fetal growth restriction**. Siegel was mentioned in WHO 'Criteria 22' as a reason to deny routine DUS.<sup>796</sup>

Premature ovulation was observed at 26–36 hours in about 50% of cases in the study group... Other researchers have reported **deleterious effects of ultrasound on the menstrual cycle, particularly a decrease in ovulation rates in mice and reduced cumulative pregnancy rates in mice and humans**.<sup>797</sup>

The medical establishment is well aware of the fertility dangers and has known for many years that exposing the penis to radiation can lead to penile pain and erectile dysfunction, as well as penile nerve damage and incontinence—all of which can take years to develop after radiation exposure.<sup>798</sup> Nonetheless, the establishment chooses to irradiate already damaged people by using Doppler ultrasound to evaluate (and exacerbate) their medical condition(s).

Doppler evaluations of penile blood flow have demonstrated occlusive vascular disease, arterio-genic dysfunction, and venous leak, pointing to alterations in erectile hemodynamics as the etiology of ED [erectile dysfunction] after RT [radiotherapy]. Radiation-induced nerve damage has also been reported in rat models where nitric oxide synthase-containing nerves within the penile shaft are reduced after radiation."<sup>799</sup>

Furthermore, despite the medical establishment knowing full-well about the fertility damage that can be caused by ultrasound, it has chosen *not* to alert parents to these reproductive threats. Instead, the establishment repeatedly exposes developing babies to this infertility-causing technology while simultaneously promoting the use of ultrasound as a form of male contraception.<sup>800 801</sup>

For ultrasound contraception, a man (or his doctor) applies 15 minutes of those same painless ultrasound waves to the testes using equipment that's already common in physical therapists' offices. In animals, this results in about 6 months of contraception (but can produce permanent sterilization at the right dose).<sup>802</sup>

The latest prospect in male contraception: blasting your reproductive organs with ultrasound to halt sperm production. Experiments on rats using the technique dropped sperm counts to 10m sperm per milliliter; under 15m sperm per milliliter is considered infertile in humans.<sup>803</sup>

By making the contraception information available to the public, the medical establishment has used a backdoor method to let the public know that ultrasound can cause infertility. However, not a word of this is mentioned to parents or expectant moms who are run through the conveyer belt of “prenatal care” and pressured by their care providers to undergo multiple ultrasound scans during pregnancy, each of which can cause reproductive harm.

Rat testes were placed in a cup of saline, and using rotating high frequency ultrasound at 3 MHz on the testes for two, 15-minute sessions at two days apart, the testes were warmed to 37 degrees centigrade... This method was effective in turning off the production of sperm. The sperm was reduced to a Sperm Count Index of zero... This particular study... could not be funded long enough to tell when (if at all) fertility returned.<sup>804</sup>

‘When we treated the rats in the study, it only took two weeks to shut down a process that is essential to the survival of any species,’ says Tsuruta. ‘Males produce millions of sperm every day. So it’s a very, very robust system. To be able to turn that off — we are really excited’.<sup>805</sup>

This isn't the first time ultrasound has been considered as contraceptive. The idea came about in 1975 [precisely when ultrasound was mainstreamed in obstetrics] when Dr. Mostafa Fahim...effectively showed the effectiveness of ultrasound contraception in dogs, cats, rats, monkeys and eight human men... While ultrasound could be a viable option for those seeking alternatives to traditional contraception, more research is needed to see if fertility returns.<sup>806</sup> [bracketed info added by author]

In fact, evidence indicates that ultrasound-induced infertility can be permanent.<sup>807</sup>

With permanent effect from three treatments in dogs and researchers not sure whether their rats would have gained fertility, ultrasound is beginning to look like a better permanent contraceptive than temporary one... And there's one more concern about a method that wears off over time: the quality of the first sperm that return. 'I am convinced that any procedure which leads to subfertility in males is likely to have effects on embryo development', explains Dr. Brian Setchell.<sup>808</sup>

An Italian team (Leoci et al.) has gotten permanent sterilization in dogs with 2 treatments 2 days apart... Leoci and her colleagues tried three treatments in a row, one every other day, on five dogs. When semen analysis was done at 2 weeks, there were no sperm... The treatment was five minutes a day, every other day—and based on the way the testes looked when they removed them at day 20, they believe they got permanent contraception from that treatment, making it a viable alternative to vasectomy.<sup>809</sup>

Please keep in mind that factions of the U.S. government have repeatedly expressed a desire to instigate infertility for purposes of population reduction.<sup>810</sup> In a National Security Council Memorandum dated Dec. 10, 1974, for example, in Part Two, Section II (entitled "*Action to Create Conditions for Fertility Decline*"), the following recommendations were offered:

Additional big-medical research to improve the existing means of fertility control and to develop new ones...[including] financial incentives, along with other motivational devices, [that can be] used to get large numbers of men to accept vasectomies.<sup>811</sup>

Significantly, ultrasound was introduced in obstetrics about the same time the above memorandum was released, hence, we should not be surprised to learn that the medical establishment is using ultrasound to induce vasectomy. The procedure involves "cooking" the vas deferens of adult males with ultrasound, causing the tissue to coagulate, thereby blocking the tubes that carry sperm to the penis.

A new vasectomy technique which avoids the use of invasive surgery could encourage more squeamish men to

have one, suggests a study. Scientists in the US have used ultrasound to block the vas deferens - the tubes that carry sperm out from the testicles.<sup>812</sup>

A pulse of ultrasound is fired for between 20 and 50 seconds, heating the vas deferens to over 50C [122°F]. This kills cells in the tube wall, which coagulate and obstruct the tube. Dr. Nathaniel Fried, who pioneered the technique at Johns Hopkins Medical School in Baltimore, said: 'You are essentially cooking the tissue.'<sup>813</sup>

The above excerpts make it clear that at least some medical doctors are aware of the extreme heating effects that ultrasound can cause. These doctors obviously have no qualms whatsoever about using this wicked technology to *deliberately* cause sterility. **But if ultrasound can stop sperm production and "cook" the vas deferens of adult males, what do we suppose is happening to the reproductive organs of developing infants when an ultrasound beam is directed at their genitals to allegedly discover the sex of the child?**

Ultrasound therapy should not be applied to the reproductive organs.<sup>814</sup>

One of the most popular non-medical uses of ultrasound, which can extend a medically indicated session, is to determine the sex of the baby. Could this have a connection to the increase in birth defects involving the genitals and urinary tract? The March of Dimes says that these types of birth defects affect 'as many as 1 in 10 babies,' adding that 'specific causes of most of these conditions is unknown.'<sup>815</sup>

The birth defect resulting in undescended testicles... increased sharply between 1970 and 1993.<sup>816</sup>

The rates of genitourinary abnormalities among children of women who did not undergo prenatal ultrasonography was approximately half that of women who did undergo prenatal ultrasonography.<sup>817</sup>

Thanks, in part, to the medical establishment, the western world is currently experiencing a major fertility crisis.<sup>818</sup>

Researchers are noticing a **small but definite reduction in newborn birth rate among human infants exposed to ultrasound**... Changes in the structure and composition of cells, including genetic material, has been suspected... In experiments with animals, these changes have resulted in **defective embryos** with a variety of problems... The mother might also experience congenital malformations.<sup>819</sup> [emphasis added]

According to an article entitled "*Male Infertility Rates Warn of Impending Human Extinction*", the World Health Organization has claimed that *half of the men in most developed nations are near or at the point of being infertile.*<sup>820</sup>

Sperm counts in men from America, Europe, Australia and New Zealand have dropped by more than 50 percent in less than 40 years, researchers said on Tuesday.<sup>821</sup>

According to the most recent UN estimates (United Nations 2017), almost one half of the world's population lives in countries with below replacement fertility... In fact, contemporary fertility around the globe is lower than it has ever been. Since the middle of the 20<sup>th</sup> century, childbearing has declined by 50 percent.<sup>822</sup>

According to Dr. Zach Bush:

One in four women in the United States is infertile now. One in three males are infertile right now and it's not getting talked about. There hasn't been a single CDC notice to warn us that this is happening. We are literally, as a species, losing the ability to procreate.<sup>823</sup>

America is not the only technologically "advanced" country experiencing this problem.

China's birthrate in 2019 hit its lowest level since the founding of the People's Republic in 1949... Japan and South Korea are also suffering from low birth rates and aging populations.<sup>824</sup>

Of course, mainstream sources *never* mention the fact that exposing developing babies to ultrasound (and other technologies that emit non-ionizing radiation like cell phones and WiFi) is likely

playing a huge role in the infertility epidemic. Instead, these masters of doublespeak talk of the need to “redouble their efforts” to find the cause,<sup>825</sup> implying that lifestyle and dietary choices are driving the problem.<sup>826 827</sup>

Given that we still do not know what lifestyle, dietary or chemical exposures might have caused this decrease, research efforts to identify (them) need to be redoubled and to be non-presumptive as to cause.<sup>828</sup>

This puts the blame for male infertility squarely on the shoulders of the victims since it is allegedly their “lifestyle,” that is causing the problem. However, more truthful researchers admit that what we are experiencing is a well-designed, purposeful, genocidal assault intended to curb fertility and reduce the world’s population.<sup>11</sup>

A hugely important paper has just been published in the *Epidemiology: Open Access* science journal... In it, Galilea correctly points out that the entire medical-agricultural complex as it exists today is intentionally engineered to deliberately reduce human population. He believes...the current strategy of world governments to reduce human population via covert infertility, immune suppression and ‘death by medicine’ is unethical.<sup>829</sup>

Sadly, there are far too many media gatekeepers willing to turn our attention away from this threat and the very real culprits who have masterminded the infertility epidemic. Media distracters are often funded by the very same forces that control the medical establishment, and as a result, much of the information that is shared through the mainstream media is little more than a smokescreen to cloud the facts.<sup>830 831 832</sup>

Here are the facts: During the 1960s, doctors began exposing developing babies to ultrasound, and by the mid-1970s, ultrasound had become an integral part of what passes for “prenatal care.”

The new technology [ultrasound] has been accepted quite easily and has been used in clinical obstetrics since the

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<sup>11</sup> For more information about the “new world order” and the agenda to eliminate 90% of the world’s population, please see Appendix A of this book.



early 1960s... In the late 1970s, ultrasound use became an almost essential part of the care rendered to pregnant women and their fetuses.<sup>833</sup>

The fact that the drop in male fertility began in the 1970s is not coincidental and, as we will repeatedly see, there is a tendency on the part of mainstream analysts to examine statistical data from the 1970s onward; including statistics for infertility, autism, hearing damage, childhood cancer rates, etc. This time frame and subsequent content analysis indicate to me that they knew exactly what might happen before they started exposing developing babies to ultrasound. Accordingly, they have been systematically tracking the results of their handiwork since the early 1970s.

Sperm counts in Western men have plummeted nearly 60 percent over the last four decades... on average, Western men's sperm concentration — the number of sperm within a semen ejaculate — is falling 1.4 percent a year. Added up, that calculates to an overall drop of more than 50 percent since the early 1970s.<sup>834</sup>

According to a recent analysis of 185 separate academic studies, sperm counts around the world have been declining steadily over the last four decades. Today's counts are now roughly half of what they were in the early 1970s. Between 1973 and 2011, sperm counts reportedly dropped 59.3% percent 'with no evidence of a 'leveling off' in recent years' investigators wrote... Data from hundreds of studies [found] a significant decrease in sperm count in men from North America, Europe, Australia, and New Zealand.<sup>835</sup>

In fact, the medical establishment has known all along that male fertility would plummet as a result of ultrasonic irradiation. A 1976 article entitled "*Medical News: Ultrasound Exposure Decreases Sperm Production in Men, Animals,*" published in the *Journal of the American Medical Association*, confirmed that:

Sperm production in men and dogs was greatly inhibited, in some cases for periods longer than 1 year, after single and multiple exposures to ultrasound.<sup>836</sup>

I hope that you, the reader, are getting a very clear sense of the insidious nature of what is happening here. The medical

establishment has systematically exposed human babies to a technology that is known to cause infertility (and alterations in genital formation),<sup>837</sup> but mum's the word. Not a peep about this is mentioned to parents who are often bullied into repeatedly exposing their developing babies to ultrasound.

As a result of medical malfeasance, it is likely that millions of adults are destined to suffer with infertility issues as they approach reproductive age. Prenatal exposure to ultrasound is often combined with the use of prenatal vaccines (more on this in Part 2 of this series), some of which contain spermicides and other infertility-inducing ingredients.<sup>838</sup> This dastardly combination will ensure that any children that make it out of the womb alive will have a much-reduced chance of producing healthy children of their own.

Sadly, the same people who discover they are infertile in adulthood may never see the information I have just shared and will, therefore, not make the connection between their adult infertility and the enormous amount of radiation (and other toxic medical interference) they have been exposed to, starting in the womb.

Infertility is a prime example of a radiation-induced defect not showing up for decades, and what is taking place in our world today is a crime against humanity. Based on the thousands of hours of research I have conducted, it is clear that ultrasonic irradiation *in utero*, combined with the rollout of 5G and the hundreds of thousands of infertility-causing microwave cell towers, boosters, antennas, transmitters, satellites, etc. now being deployed across the U.S. and elsewhere, are being utilized for the express purpose of creating mass sterility, making people sick, and slowly killing them.<sup>839 840</sup>

Weaponized cell phone towers that surround us now are the perfect weapons to carry out the mega-slaughter of the domestic population. Virtually all towns, all over the world have the amount of towers necessary to fry the populations in their vicinity. They are currently on the 'Slow Kill' setting.<sup>841</sup>

The medical establishment, in cooperation with the Goliath telecom industry, is now rolling out ever-more lethal technologies daily—all designed to irradiate not just humans, but all life forms, including plants, trees, insects, birds, fish, and animals.

[Moscow researchers] exposed developing frog embryos and tadpoles to an ordinary personal computer. The resulting frogs had severe malformations that included anencephaly (absence of a brain), absence of a heart, absence of limbs, tail necrosis, and other deformities that were 'incompatible with survival'.<sup>842</sup>

Flies that were exposed to the cell phone failed to develop wings.<sup>843</sup>

Exposing adult flies to the antenna of a working cell phone for just six minutes a day for five consecutive days reduced the number of eggs they laid by 50 to 60%. When the insects were exposed for only two days, i.e., a total of twelve minutes of radiation, the number of eggs was reduced by an average of 42%. Even flies that were exposed for only one minutes a day for five days produced 36% fewer offspring than their unexposed cousins. Regardless of whether just male flies, just female flies, or both were exposed, the number of offspring was greatly reduced. **Such rapid sterilization was an effect scientists were used to seeing from X-rays**, not from an ordinary cell phone.<sup>844</sup> [emphasis added]

Male rats exposed to cell-phone radiation developed cancer at a substantially higher rate, though the same effect was not seen in female rats. Rats exposed to radiation also had **lower birth rates, higher infant mortality**, and more heart problems than those in the control group. The cancer effect occurred in only a small percentage of the rats, but that small percentage could translate into a massive amount of human cancers.<sup>845</sup> [emphasis added]

Infertility and other disturbing outcomes have been extensively documented across multiple species after exposure to virtually all non-ionizing technologies, including ultrasound.

Donor sperm samples, [mostly normal sperm], exposed ex vivo during 4h to a wireless internet-connected laptop showed a significant decrease in progressive sperm motility and an increase in sperm DNA fragmentation.<sup>846</sup>

Decreased testosterone [from WiFi] leading to lowered testis size, histological changes in testicular epithelial structure, gross testicular histological changes, and decreased spermatogenesis.<sup>847</sup>

RF exposure [to cell phone radiation] is associated with reduced sperm count, motility and concentration, as well as DNA damage and altered cell structure. Some research also shows damage to the ovaries of rats and mice and changes in the eggs of flies and birds.<sup>848</sup>

Barrie Trower, British physicist and microwave weapons expert who served in the British Royal Navy<sup>849</sup> made the following observation:

I think anyone who puts WiFi into a school should be locked up for the rest of their life. I really do. I think they're not fit to walk on the surface of this planet because they haven't looked at the research and whatever incentive they have, it is not worth the genetic problems that parents are going to face with their children when they're born. And if you think of a single parent – a mother that has a genetically deformed child – that particular mother will feel guilty because she gave birth. She will feel guilty and she will be worried every single second of every single day for her life. She will worry that the child won't marry. If the child can marry, she'll worry that the children will carry the disease, which they will. She will worry when she dies, who will take care of them. So, you are condemning both the family and the children to a lifetime of absolute hell... Now the problem is – imagine you are a 15-year-old school girl. All of the 400,000 eggs in your ovaries were with you at birth. They are not fully developed, but they're with you. They are 10 times more susceptible to radiation than all of the other DNA in the body... So, you have this highly susceptible genetic material which is going to make your children, and you are irradiating it. So, you are risking the DNA damage of your child every time you sit down and you use WiFi [and] the real damage is going to show with your grandchildren. We already see this in animals... And what you're risking by putting WiFi into schools is the future generations of all of these girls [not to mention the sperm

production of all of the boys]. You are condemning the future generations of every single child.<sup>850</sup>

The deployment of 5G is likely to be the straw that breaks the camel's back. Millions of lives could be lost as a result of this technology, and for those who are left behind, many will be rendered infertile and/or brain-damaged from exposure.

In 2016, when 4G technology was installed, the number of antennas went from 195,000 to about 210,000 cellular antennas in the U.S. alone. And with 5G technology... the number of antennas is projected to go up to 13 million antennas in the U.S. alone by 2025.<sup>851</sup>

It is planned to install these 5G antennas every 100 to 300 metres on every street and they will not be ordinary antennas, but banks of antennas in phased arrays, which form a beam that functions something like a laser. They will use millimetre waves at extremely high frequencies and it is ultimately planned to connect them to up to one trillion objects. So, these beams will be punching through the walls of your home and bouncing off your body as they go back and forth to connect to objects equipped with RFID chips in your home. It is also currently planned to put 20,000 5G satellites in space in order to "blanket" (their word) the Earth with 5G. This is putting the whole Earth in an airport body scanner. The different is, if you agree to step into a body scanner, you are there for a few seconds, whereas this is putting the whole Earth into a body scanner. And there will be no escape anywhere on the planet. There is enough scientific evidence now for us to know that nothing will survive this, not humans, not animals, not insects, not trees. This radiation will be carried deep into the body through your sweat ducts, which are helical antennas, to cause absolute havoc, including ADHD, autism, blindness, cardiovascular disease, cancer, sterility, brain and DNA damage, diabetes, asthma and electro-hypersensitivity.<sup>852</sup>

The USSR actually experimented on humans and animals with 5G in 1977. This was a proper military experiment. The humans suffered metabolic problems, blood problems, immune systems started to malfunction, and severe neurological and medical problems. With animals,

they found the bone marrow was suffering, respiration was damaged, enzyme activity was damaged, the nuclear DNA was damaged. Total exposure time was only 15 hours over 60 days – or roughly 15 minutes per day.<sup>853</sup>

The roll out already started in Vienna, the unsuspecting people immediately suffered from nosebleeds, cardiac problems, chest pains, fatigue, dizziness, vomiting in fact all of the symptoms of microwave sickness ... known since 1932.<sup>854</sup>

According to Dr. Martin Pall:

When we know that sperm counts have dropped by more than 50% throughout the technologically advanced countries on earth, it is difficult to avoid the conclusion that the vast majority of the population in those countries is already substantially impacted. The same conclusion can be made based on the widespread nature of the neuropsychiatric effects in those countries. Both of those effects will get much worse even with no increase in current exposures, due to the cumulative nature and irreversibility of these effects. I expect we will see a crash in human reproduction almost to zero... which I estimate to occur within about 5 years, without any increases in our exposures. Obviously 4G and 5G will make the situation much worse. Similarly, I expect that the deterioration in brain function that we are already seeing will seal our fate if we fail to act rapidly and vigorously. Our collective brain function may become completely incapable of dealing with such a mega-crisis situation.<sup>855</sup>

Dr. Zach Bush notes:

At our current pace, we've got one in three males in the United States now sterile, one in four women infertile. And so, we're losing the ability to procreate as a species and on our current trajectory, we've got about 70 years left of human life on Earth.<sup>856</sup>

The situation is extremely serious, and it is time that we acknowledge what our governments are doing, what the medical establishment is doing, and what we, ourselves, are participating

in by allowing these deadly technologies to become part of our daily lives.

We are in the midst of an attempted genocide. The creatures that control the medical establishment,<sup>857 858</sup> the communications industry,<sup>859</sup> the media,<sup>860 861</sup> and the U.S. government<sup>862 863 864 865</sup> have willfully orchestrated this genocidal assault and they are guilty of premeditated murder and crimes against humanity. Each and every one of them needs to be held liable and accountable for what they have done to humanity and to our world.





## CHAPTER EIGHT

# GROWTH RETARDATION AND LOW BIRTH WEIGHT

*“The embryo and fetus are particularly sensitive to radiation, and the health consequences of exposure can be severe, even at radiation doses lower than those that immediately affect the mother. Such consequences can include growth retardation, malformations, impaired brain function and cancer...”<sup>866</sup>*

*“The most profound effects, i.e., the highest mortality and severest inhibition of growth, occurred when insonation was performed at the earliest stages of development.”<sup>867</sup>*

Continuing our discussion about the medical profession’s penchant for exposing pregnant women to technologies that they *know* cause harm... In a video that aired on Cable News Network in 1993,<sup>868</sup> we are told that the FDA had already done much research into the effects of ultrasound, and was “concerned” about what it had found.

Government officials are well aware of, and also concerned about, Dr. Leibeskind’s findings. Food and Drug Administration officials candidly admit they cannot

say diagnostic ultrasound during pregnancy is safe. In fact, the FDA, for several years, has been worried about the effects of ultrasound and done much research on it... They find that the offspring of mice who get ultrasound weigh less when born. More important, CNN has learned the FDA has just finished a new study on pregnant women monitored by ultrasound. [Below an FDA official speaks].

*'We've been looking at a population of children--about 2,000 children--about half of whom have been irradiated [with ultrasound] in the Denver, Colorado area. And the indication there is that these children who have been irradiated have a reduced birth weight.'*<sup>869</sup>

Thus, **in the early 1990s, an FDA spokesman clearly indicated that authorities at the FDA were aware that ultrasonic irradiation was causing reduced birth weight in children.** Yet, as mentioned above, the FDA's response to this information was to *raise* the maximum allowable output levels on obstetrical ultrasound machines at least eightfold (in 1991), with some sources claiming that output levels increased 10-to-15-fold over the next few decades.<sup>870</sup> Moreover, **immediately following the FDA's decision to expose developing babies to ever higher levels of ultrasonic irradiation, there was a sudden 73% increase in the use of obstetrical ultrasound over a short 6-year period (1993-1999).**<sup>871</sup> It is left up to the reader to discern whether the increase in exposure to radiation after 1990 might be contributing to the enormous rise in chronic illness we are witnessing in those under the age 30.<sup>872</sup>

54% of [America's] 73.9 million children (that's 39,906,000 children) have a chronic disease that will last their lifetime.<sup>873</sup>

If you were born prior to 1989, your chance of having a chronic disease...is 12.8%. If you were born after 1989, your chance of having a chronic disease is 54%.<sup>874</sup>

The FDA's choice to allow developing babies to be exposed to very high levels of ultrasonic irradiation *in utero*, despite knowing of the harm it causes, is a clear indication that those at the top of the organization are deliberately trying to cause harm.

In fact, the FDA has been involved in nefarious activities for decades. The organization touts itself as an agency that "*protects*

*the public health by assuring the safety, effectiveness, and security of human and veterinary drugs, vaccines and other biological products for human use, and medical devices. The agency also is responsible for the safety and security of our nation's food supply, cosmetics, dietary supplements, products that give off electronic radiation, and for regulating tobacco products."* However, collusion between the FDA and the tobacco industry is well documented,<sup>875 876</sup> and the FDA also colludes with companies like Monsanto<sup>877 878</sup> to approve genetically modified seeds and foods that have corrupted the entire American food supply. The FDA additionally approves neurotoxic and deadly vaccines, some of which are made with human infant foreskins,<sup>879</sup> and many of which contain DNA from insects, animals,<sup>880</sup> and/or aborted human babies<sup>881</sup>—all of which ingredients can interfere with the genetic, neurological, reproductive, and immunological integrity of healthy children.

Furthermore, although the FDA is ostensibly responsible for "drug safety" in the United States, prescription drugs approved by the FDA are causing millions of deaths every year. These figures do not include the ever-escalating number of deaths attributable to vaccines,<sup>882 883</sup> which, as previously mentioned, the FDA also approves.<sup>884</sup>

The FDA 'protects' the big drug companies and are subsequently rewarded, and using the government's police powers they attack those who threaten the big drug companies. People think that the FDA is protecting them. It isn't. What the FDA is doing and what the public thinks it is doing are as different as night and day. – Dr. Herbert Ley, Former U.S. FDA Commissioner<sup>885</sup>

I found out that our prescription drugs are the third leading cause of death after heart disease and cancer... [People] die because of the side effects. Any drug may come with 20, 30 or 40 warnings, counter-indications, precautions, and so on... Much of what the drug industry does fulfills the criteria for organized crime in US law. They behave in many ways like the mafia does. They corrupt everyone they can corrupt. They have bought every type of person, even including Ministers of Health in some countries. There is a huge amount of corruption... The drug industry buys the professors first, then chiefs of department, then other chief physicians, and so on.<sup>886</sup>

The report calculated that in 2011 prescription drugs were associated with two to four million people in the US experiencing 'serious, disabling, or fatal injuries,' including 128,000 deaths.<sup>887</sup>

More than 20 million people have died from chemotherapy alone since the year 2000... The pharmaceutical industry the number-one killer in our world today. Since the year 2000, nearly 2.25 million people have died from taking opioid pharmaceuticals... Antibiotic-resistant superbugs, which were spawned by Big Pharma's death "medicines," have also killed more than 14 million people since the year 2000, while psychiatric drugs have killed more than 10 million people... Iatrogenic deaths, as these are also called, clock in at nearly 16 million people since the year 2000.

Other prominent causes of death in our world today include hospital errors at nearly nine million deaths since 2000, drug-resistant tuberculosis at more than four million deaths, bedsores at nearly 2.5 million deaths, hospital malnutrition at nearly 2.2 million deaths, adverse drug reactions at nearly 2.2 million deaths, medical errors at nearly two millions deaths, hospital infections at more than 1.5 million deaths, and SSRIs (selective serotonin reuptake inhibitors) at nearly one million deaths.<sup>888</sup>

The FDA has also been accused of deliberately creating the opioid crisis<sup>889</sup> and, in a powerful piece entitled "*Why the FDA should be charged with murder,*" investigative journalist Jon Rappoport, states the following:

How many smoking guns do we need before a sitting president shuts down the FDA buildings, fumigates the place, and prosecutes very large numbers of FDA employees? Do we need 100,000 smoking guns every year? Do we need relatives of the people who've all died in the span of merely a year, from the poisonous effects of FDA-approved medical drugs, to bring their corpses to the doors of FDA headquarters?

And let me ask another question. If instead of drugs like warfarin, dabigatran, levofloxacin, carboplatin, and lisinopril (the five leading killers in the FDA database), the 100,000 deaths per year were led by ginkgo, ginseng,

vitamin D, niacin, and raw milk, what do you think would happen?

I'll tell you what would happen. SEALs, Delta Force, SWAT teams, snipers, predator drones, tanks, and infantry would be lining up and hovering outside every health-food store and nutritional supplement manufacturer in America...

The buck stops at the FDA.<sup>890</sup>

Indeed, it does. And while the FDA<sup>891</sup> is busy approving deadly pharmaceutical drugs for the benefit of "big pharma," its leadership is simultaneously working overtime to criminalize true remedies like homeopathy,<sup>892</sup> CBD and hemp oil,<sup>894</sup> kratom<sup>895</sup> (a natural, pain relieving plant that can also help people withdraw from toxic pharmaceutical opioids),<sup>896</sup> and others—all of which have been used for centuries without any negative health effects.

Moreover, the FDA also supports the widespread torture of children through electroshock "therapy."<sup>897</sup>

Children aged five and younger are being electro-shocked. Autistic children are also undergoing it... One autistic teenager was electroshocked 260 times... As children cannot consent to this barbarity...its use on children would constitute torture... Electroshock has no therapeutic value in as much as it doesn't cure. In fact, it induces a grand mal seizure, a type of seizure that involves a loss of consciousness and violent muscle contractions, masked by an anesthetic. The FDA has never required manufacturers to conduct clinical studies that prove electroshock is either safe or effective, despite being used for more than 80 years.<sup>898</sup>

The FDA has also approved an "*electrical pulse forehead patch*" designed to be worn by children with ADHD—allegedly while they sleep—despite the fact that the patch is documented to induce "*trouble sleeping, teeth clenching, headache and fatigue*" in the children forced to wear the device.<sup>899</sup>

'This new device offers a safe, non-drug option for treatment of ADHD in pediatric patients through the use of mild nerve stimulation, a first of its kind'... The device, called the *Monarch External Trigeminal Nerve Stimulation*

*System*...is connected by wire to a patch that is placed on the forehead while sleeping and delivers a 'tingling' electrical impulse to branches of the trigeminal nerve... Neuroimaging studies have shown that [it] increases activity in the brain regions that are known to be important in regulating attention, emotion and behavior," the FDA said.<sup>900</sup>

Not coincidentally, Monarch Mind Control Programming is the name of a government mind control project that is currently being used by the American music industry.<sup>901</sup> The fact that the FDA has approved a "Monarch" brain device clearly indicates that the organization is in collusion with the Monarch mind control project.

Furthermore, the FDA was recently exposed for purchasing aborted infant body parts to be used for experiments that involve transplanting human brain tissue into mice.<sup>902</sup> This "research" produces chimeras that are claimed to be "smarter" and "an improvement" over what The Creator has given birth to here on Earth since the mice can '*learn how to associate a tone with an electric shock more quickly and find escape hatches faster.*'<sup>903</sup> Amongst those who are "in the know," this type of behavioral modification is referred to as "fear conditioning,"<sup>904</sup> and is an instrumental component of trauma-based mind control programming.

Research has previously taken place at the University of Rochester where mice were injected with glial cells from human fetuses. Glial cells are cells that support neurons in the nervous systems. The mice incorporated these glial cells into their brain and 'outperformed normal mice almost fourfold in a variety of cognition tests.' The researchers stressed that the mice still had mouse brains, saying 'This does not provide the animals with additional capabilities that could in any way be ascribed or perceived as specifically human. Rather, the human cells are simply improving the efficiency of the mouse's own neural networks. It's still a mouse.'<sup>905</sup>

Of course, any suggestion that a mouse's neural networks are somehow deficient implies that our Creator is a bumbling designer and that these "scientists" are somehow superior to God since they can "improve" on His "inferior" design. This is a satanic suggestion. Moreover, the innocent creatures that fall victim to these experiments will obviously suffer, having gone through a life of

lab-induced violence and torturous surgeries—often with no anesthetic—after which they are turned into genetic mutants to be used and abused by scientists. The use of innocent animals for this so-called scientific research can be extremely cruel and sadistic, as the following excerpts will confirm.

A recent investigative report uncovered a disturbing series of experiments conducted by the United States government in which thousands of cats were killed and fed to other cats. Scientists working for the U.S. government killed an estimated 4,000 cats during the experiments... The experiments involved feeding tissue from cat hearts, brains and tongues to other cats. Similar experiments conducted at the same U.S. Department of Agriculture lab in Maryland included feeding dog remains to cats as well as injecting cat remains into mice... Jim Keen, a former USDA scientist turned whistleblower, said... *'It's crazy. Cannibal cats, cats eating dogs — I don't see the logic. It's totally unrelated to the food safety mission'...* *These were all abnormal diets for cats, dogs and mice so likely irrelevant to natural toxoplasmosis biology. Their scientific relevance and justification is questionable, at best, as is their relevance to American public health since we do not consume cats and dogs, and the practice is now outlawed in U.S...'* The USDA insists that these experiments, which have cost taxpayers over \$22 million, are contributing to "life-saving research."<sup>906</sup>

The Department of Veterans Affairs has been removing parts of dogs' brains to see how it affects their breathing; applying electrodes to dogs' spinal cords (before and after severing them) to see how it impacts their cough reflexes; and implanting pacemakers in dogs' hearts and then inducing them to have heart attacks (before draining their blood). All of the laboratory dogs are killed during the course of these experiments.<sup>907</sup>

The Animal Welfare Act has not succeeded in preventing horrific cases of animal abuse in research laboratories. In Mar. 2009, the Humane Society of the United States (HSUS) found 338 possible violations...at the federally funded New Iberia Research Center (NIRC) in Louisiana. Some of the primates housed at NIRC were suffering such severe psychological stress that they engaged in self-

mutilation, 'tearing gaping wounds into their arms and legs.' Video footage shows infant chimps screaming as they are forcibly removed from their mothers, infant primates awake and alert during painful experiments, and chimpanzees being intimidated and shot with a dart gun. In a 2011 incident at the University of California at Davis Center for Neuroscience, 'three baby mice were found sealed alive in a plastic baggie and left unattended' on a laboratory counter, according to the Sacramento Bee.<sup>908</sup>

The Department of Veterans Affairs is pushing forward with invasive and ultimately fatal experiments on dogs as part of the VA's medical research program, according to documents obtained by USA TODAY... In Milwaukee, the experiments call for researchers to remove sections of dogs' brains to test neurons that control breathing before the animals are killed by lethal injection, research records show. In Cleveland, tests involve using electrodes on dogs' spinal cords to measure cough reflexes before and after severing the cords. In Richmond, Virginia, experiments include implanting pacemakers in dogs, then inducing abnormal heart rhythms and running the animals on treadmills to test cardiac function before euthanizing them by injection or draining their blood.<sup>909</sup>

To say that most, if not all, animal experimentation is satanic is a gross understatement; the creatures performing these "experiments" are criminally insane. Our ongoing respect for the scientific world, in general (and for this type of mad science, in particular), is clearly misguided and is an indication of both how deeply disturbed our thinking is and how easily we can be swayed by the dark side.

Coming back to the topic of the FDA's involvement with these grotesque experiments<sup>910</sup>—this organization cannot be trusted. The FDA has, for decades, refused to take responsible action in terms of protecting the public from radiation harm and, instead of protecting the public, **the FDA appears to be deliberately taking actions that will cause harm.**<sup>911</sup>

Neither the FCC...nor the U.S. Food and Drug Administration (FDA), responsible for requiring premarket testing and postmarket surveillance of radiation-emitting devices, has taken any consumer protection steps<sup>912</sup>



The FCC recently refused to update its long outdated and dangerously high radiation "safety guidelines" for cell phones,<sup>913</sup> claiming that its "close consultation" with the FDA on this matter is justification for its inaction. However, by its own admission, **the FDA does not review the safety of radiation emitting consumer products,**<sup>914</sup> so the question remains as to why the FCC would look to the FDA for responsible guidance on this issue.

The FCC sets radiofrequency limits in close consultation with the FDA and other health agencies. After a thorough review of the record and consultation with these agencies, we find it appropriate to maintain the existing radiofrequency limits, which are among the most stringent in the world for cell phones," said Julius Knapp, chief of the FCC's Office of Engineering and Technology.

As Jeffrey Shuren, Director of the Food and Drug Administration's Center for Devices and Radiological Health, wrote to the FCC, "the available scientific evidence to date does not support adverse health effects in humans due to exposures at or under the current limits..." and "no changes to the current standards are warranted at this time."<sup>915</sup>

Not surprisingly, the statements made by both Knapp and Shuren are 100% false. Rather than radiofrequency limits that are "*the most stringent in the world,*" the U.S. has a radiation emission standard that is 50x higher than parts of New Zealand and 100x higher than Russia and China. Moreover, contrary to Shuren's comment that "*scientific evidence... does not support adverse health effects*" from current radiation standards, there are literally tens of thousands of studies that document serious adverse health effects from this radiation.

- **1000** microwatts /cm<sup>2</sup> – USA/Canada/UK
- **200** microwatts /cm<sup>2</sup> - Australia
- **50** microwatts /cm<sup>2</sup> - Auckland (New Zealand)
- **2.4 to 10** microwatts /cm<sup>2</sup> - Italy, Russia, Poland, Paris (France), Hungary, Bulgaria, China, Switzerland
- **0.0001** microwatts /cm<sup>2</sup> - Salzburg (Austria)<sup>916</sup>

Ironically, according to one source, the FDA has issued the following warning with respect to the use of ultrasonic irradiation:

According to the Food and Drug Administration, sound waves from ultrasound therapy should not come into contact with any organs of your body. These highly sensitive organs include the following: heart, kidneys, liver, lungs, stomach, spleen, bowels, eyes, ears, ovaries, testicles, brain and spinal cord. Also, the sound waves should not come in contact over mucous membrane areas of the body, which include the mouth, nose, rectum and vagina... Also, it is very important that ultrasound sound waves do not go over the abdomen and lower back (lumbar) region of pregnant women or potentially pregnant women.<sup>917</sup>

Well why then, is ultrasound being used during pregnancy and why are ultrasound transducers being inserted into women's vaginas? Why are ultrasound wands being hovered near the genitals of developing babies and why are the wands repeatedly directed at the heart and the developing brain of the child? And why, when the FDA observed firsthand that ultrasonic irradiation was causing low birth weight in children,<sup>918</sup> did the organization go ahead and raise the maximum output levels of obstetrical ultrasound machines anyway? This action is particularly disturbing, especially since fetal growth retardation from ultrasound has been confirmed in numerous studies<sup>919</sup> and across multiple species.

Rivers et al. (1972) - Growth retardation in chick embryos<sup>920</sup>

Tachibana (1977) - Reduced fetal weight (mouse)<sup>921</sup>

Muranaka et al. (1974) - Reduced fetal weight and increased fetal mortality (mouse)<sup>922</sup>

Mannor et al. (1972) - Fetuses small (mouse)<sup>923</sup>

Akamatsu et al. (1981) - Growth retardation (rat fetuses)<sup>924</sup>

Fry et al. (1978) - Reduced fetal weight (mouse)<sup>925</sup>

Lyons et al. (1980, 1983) - Trend of reduced weight of children followed to age 6 (human)<sup>926</sup>

Moore et al. (1982) - Reduced fetal weight (human)<sup>927</sup>

Diamond (1985) – Reduced fetal weight for 3 or more exposures (human)<sup>928</sup>

A 1976 experiment entitled *Ultrasonically Induced Fetal Weight Reduction in Mice*, found a statistically significant weight reduction in mice fetuses with increasing intensity and exposure to ultrasound.<sup>929</sup> Other mouse studies document the following:

A **decreased pregnancy rate** was noted after exposure for 200 seconds on day zero and 300 seconds on day three. **Decreased birth weight** was observed after exposure for 100 and 200 seconds on day zero and 200 and 400 seconds on day one. In another series of studies, ultrasound exposure led to damage of maternal tissue, which was reflected in **increased mortality, decreased weight gain** and **paralysis of the pups**.<sup>930</sup>

Yet another study found that ultrasonic irradiation causes growth retardation in both rats and flies, with a threefold increase in spontaneous abortion of exposed rats and an inability to reproduce among the growth-retarded flies.

The insonated [rat] specimens were consistently smaller in size than noninsonated ones, and weighed less. If insonated on days 3, 5 or 6 of gestation smaller fetuses were produced, and the abortion frequency increased... 20% were aborted... Insonation killed many flies and dwarfed others... The abnormality took the form of apparently normally proportioned but very small flies. This type of miniature fly never appeared in control groups. Attempts to mate the miniature flies which were of both sexes, to each other were unsuccessful... The ducts leading from the gonad to the exterior were poorly formed and not always connected to the testes.<sup>931</sup>

Several human studies have also documented growth retardation after ultrasound exposure.

A randomized clinical trial published in 1996 split 2,743 women into two groups: one that received a single Doppler at 18 weeks and further scans only when clinically indicated, and another that received 5 Doppler readings during pregnancy. When compared with the regular group... babies in the intensive group tended to be shorter when measured at birth and at 2-3 days of age. There

were also reductions in the circumferences of the chest, abdomen and mid-arm, and in the skin-fold thicknesses of the triceps, parascapular and subscapular regions...<sup>932</sup>

Newnham studied pregnant women attending prenatal clinics May 1989 through November 1991, i.e., during the low intensity era before the great intensity rise (FDA/1991). Even at low intensities, Newnham found distinct growth reduction, averaging 25 grams per child.<sup>933</sup>

Another study, of 2,834 pregnant women, published in the *Lancet*, showed that the babies of the randomly chosen group of 1,415 women who received five ultrasounds (as opposed to the group of 1,419 women who had only one scan at eighteen weeks) were much more likely to experience intrauterine growth restriction, a scary combination of words that means the fetus is not developing normally. Ironically, intrauterine growth restriction is one of the conditions that having multiple ultrasounds is supposed to detect.<sup>934</sup>

Study after study has confirmed that ultrasound exposure leads to low birth weight in offspring.

Ultrasound produces adverse biological effects *in vivo* and *in vitro* both thermally and by cavitation. In pregnant mice and rats these effects include weight reduction and reduced litter size, delayed neuromuscular development, altered emotional behavior, and fetal abnormalities.<sup>935</sup>

Fetal weight reduction has been observed following exposure of rodent fetuses *in utero*... Some studies indicate that fetal abnormalities and maternal weight loss also occur.<sup>936</sup>

Exposing pregnant mice to 10 minutes of very low power ultrasound during certain periods of fetal development significantly affected the learning capacity of the baby mice 3 and 6 months after birth. The effect was even more significant for the 6-month group, suggesting that long term effects of prenatal ultrasound exposure could grow worse over time.<sup>937</sup>

Animal studies suggest that neurological, behavioral, developmental, immunological, and haematological changes and reduced fetal weight can result from exposure to ultrasound.<sup>938</sup>

It should not be forgotten, however, that numerous studies on rats, mice and monkeys over the years have found reduced foetal weight in babies that had ultrasound in the womb compared with controls... in the monkey studies (Tarantal et al., 1993) the ultrasound babies sat or lay around the bottom of the cage, whereas the little control monkeys were up to the usual monkey tricks. Long-term follow up of the monkeys has not been reported...<sup>939</sup>

In the Tarantal study just mentioned, in addition to finding reduced fetal weight and inactivity in the exposed population, researchers also found reduced white blood cell counts in exposed monkeys.<sup>940</sup> The researchers hypothesize that this reduction in white blood cell count may be due to the fact that bones absorb more heat from ultrasound exposure, which could also affect bone marrow.<sup>941</sup> Although this study did not confirm the hypothesis, excessive bone heating from ultrasonic irradiation is a very real phenomenon (as discussed earlier), and may indeed be contributing to altered white blood cell counts in exposed populations, thus increasing the rates of childhood leukemia and other related illnesses.

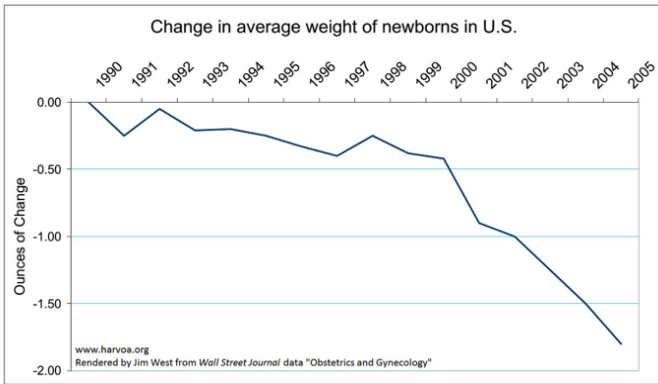
Also worth noting about the Tarantal study is that two out of eleven monkey fetuses exposed to ultrasound spontaneously aborted during gestation.<sup>942</sup> Although the researchers consider these deaths "unrelated" to repeated ultrasound exposure, this conclusion seems seriously lacking, especially in light of the myriad studies showing a relationship between ultrasound exposure and fetal demise.<sup>943 944 945</sup>

There was a significant increase in prenatal mortality [of rat embryos] with increasing exposure intensity at all gestational stages studied... The incidence and severity of malformations among surviving fetuses tended to increase with intensity... The small number of surviving fetuses at higher intensities limits the precision of quantitative comparisons.<sup>946</sup>

Hence there is an *abundance* of very clear evidence that ultrasound is having a deleterious effect on fetal growth. The irony, of course,

is that obstetricians claim they are using ultrasound to *detect* fetal growth retardation when, in fact, prenatal ultrasound is *causing* it.<sup>947</sup>

The following graph, rendered by Jim West, shows the average weight of human newborns dropping in direct relationship to the FDA's increased output limits for obstetrical ultrasound machines.



Source<sup>948</sup>

Sadly, all of this evidence is completely ignored by most obstetricians who tout their work as "evidence-based" when nothing could be further from The Truth.<sup>949 950 951</sup> Most obstetricians actually go *against* the evidence and do the opposite of what is in the best interest of their patients by promoting multiple ultrasound scans during pregnancy—even for their most vulnerable populations.

As substance-using pregnant women are at high risk for intrauterine growth restriction (IUGR), monthly ultrasounds are indicated.<sup>952</sup>

Moreover, in the realm of medical radiation science, it is not enough for the establishment to know that dozens of studies have already confirmed that ultrasound causes growth restriction in fetuses. Instead of immediately responding to the findings with an appropriate and ethical action and ending the practice of prenatal ultrasound at once, the establishment instead chooses to imprison, poison, torture, maim, mutilate, and "sacrifice" millions (perhaps billions) of innocent animals, time and again, over the course of many decades, under the guise of wanting to determine

the “*mechanism of action*” by which ultrasound is causing this and other very serious harm. Nonetheless, the mechanism of action is completely irrelevant in terms of how serious the damage from ultrasound (and other radiation-emitting technologies) actually is.

The notion that there is no mechanism [of action] was popularized by industry essentially to escape regulation. In other words, if you claim there is no mechanism, there is no basis, there is no effect – everything vanishes... Unfortunately, industry has been able to voice this opinion from so many directions, that it has had an effect even on people who should know better... The most charitable thing I can say about that is that this is fake science.<sup>953</sup>

What follows is information about a “study” allegedly designed to determine the mechanism of action by which ultrasound causes harm. The study was supported by the Office of Naval Research and the National Institutes of Health (NIH), among other organizations. Researchers were well aware before they embarked on their “experiment” that ultrasound causes alterations in brain tissues and motor neurons, creates lesions in the areas of the focused beam, and can create paralysis in many animals. And so, after torturing and murdering countless innocent cats for their research, these scientists next took helpless newborn infant mice and immediately separated them from their mothers. The terrified baby mice were then placed in a mouse-holder that prohibited their every move, rendering them completely helpless and immobile. They were then irradiated with ultrasound for the express purpose of *deliberately* paralyzing them. Soon thereafter they were ritually sacrificed so that scientists could cut open their bodies and examine the magnitude of harm they were able to inflict.

It is now well known that intense ultrasound when properly controlled can produce unique results in biological systems. An example of this is the high intensity ultrasonic method of producing selective, accurately localized alterations in brain tissue by focusing the acoustic energy in the region to be affected. Figure 1 is a tissue section of the brain of a cat which shows a lesion approximately 1.0mm in diameter interrupting the mammillothalamic tract. To produce this lesion, converging ultrasonic beams entered the brain from the top and traversed three quarters of the brain thickness before coming to a focus at the site of the lesion...

If the full potentialities of such new methods, for fundamental research and for medicine, are to be realized, it is essential that the physical mechanism of the action of intense ultrasound on tissue be understood...

The young mouse, 24 hours after birth, is a convenient preparation for a number of reasons, one of the more important being that it is an essentially poikilothermic animal and as such can be carried through temperature cycles to as low as 0°C without producing permanent changes. The mice are irradiated at the third lumbar vertebra. This level of the cord is the approximate center of the lumbar enlargement which contains a high density of the motor neurons associated with the femoral, sciatic and obturator nerves. Thus, alteration of the motor neurons of the lumbar enlargement produces motor paralysis of the hind limbs of the animal. Paralysis of the hind limbs then serves as an easily detected and unambiguous functional endpoint for an ultrasonically induced effect in the irradiated animals. Figure 2 show an animal supported in the mouse-holder in preparation for irradiation...

Histological studies have also been carried out on these irradiated animals. These studies show: a) that there is an excellent correspondence between the appearance of a lesion in the lumbar enlargement of the cord and the observed functional change, i.e., all animals which show a loss of motor function of the hind legs also display a lesion in the lumbar enlargement; and b) that in sacrificing animals for various periods of time after irradiation, it is found that the histological lesions appear approximately 10-15 minutes following irradiation, whereas the functional change is observed instantaneously.<sup>954</sup>

Please note that as early as 1930, researchers discovered that ultrasound could cause paralysis in frogs.<sup>955</sup> In 1950, another study produced the same results.<sup>956</sup> In 1958<sup>957</sup> paralysis of mice was achieved, and again in 1980.<sup>958</sup> In 1987,<sup>959</sup> they paralyzed rats with ultrasound. And those are just a few of the studies in which scientists engaged in "experiments" during which they deliberately destroyed the physical bodies and lives of innocent animals under the guise of trying to discover the "mechanism of



action” by which ultrasound is wreaking havoc on biological organisms.

The irony, of course, is that I, myself, can venture a guess as to the “mechanism of action” by which ultrasound is causing growth restriction in babies, and this despite the fact that I am not a medical scientist and have only been studying this technology for the past few years. One of the reasons ultrasound is causing growth restriction in fetuses is due to ultrasonically-induced bone heating<sup>960</sup> causing a restriction of bone growth.

Radiation can affect bones more than any other body part.<sup>961</sup>

Studies on skeletal tissue indicate that bone growth may be retarded following exposure to ultrasound at high therapeutic intensities, even if the transducer is kept in motion during treatment.<sup>962</sup>

A total of 2743 women with single pregnancies had been allocated at random to either a protocol of ultrasound imaging and continuous wave Doppler studies at 18, 24, 28, 34 and 38 weeks gestation (intensive group), or to a protocol of a single imaging examination at 18 weeks... When compared with those in the regular group... normally formed babies of term gestational age in the intensive group tended to be shorter when measured at birth... There were statistically insignificant reductions in the circumferences of the chest, abdomen and mid-arm; and in the skinfold thicknesses of the triceps, parascapular and subscapular regions... If multiple scans do indeed restrict fetal growth, the mechanism is more likely to be an effect on bone growth.<sup>963</sup>

Ultrasonic cavitation<sup>964</sup> is also causing mitochondrial damage,<sup>965</sup> leading to a reduction in both the oxygen and energy necessary for placental sufficiency and fetal growth.

Intrauterine growth restriction (IUGR) and pregnancy hypertensive disorders such as preeclampsia associated with IUGR share a common placental phenotype called ‘placental insufficiency’... This process requires high availability of energy for cell growth, proliferation and metabolic activity. Mitochondria are the main energy producers in the cell... The metabolic activity of the

placenta is sustained throughout gestation by increasing mitochondrial activity and biogenesis. Damage to this process could lead to excessive generation of reactive oxygen and nitrogen species, contributing to the placental damage that has been shown in pathologies such as IUGR, HDP (hypertensive disorders in pregnancy), gestational diabetes, and maternal obesity. In mouse embryo, altered mitochondrial function affects subsequent fetal and placental growth.<sup>966</sup>

Furthermore, radiation damages cells!

Exposure to radiation will cause developmental delays in fetuses. It is because the radiation has the ability to damage the growing cells. This can reduce the rate at which cells divide and grow, leading to delay of growth and development of the fetus that may persist as a developmental delay well into childhood.<sup>967</sup>

Unless their “research” is being done to permeate our world with satanic influence, it’s a mystery why medical researchers who have been studying ultrasound for decades feel the need to repeatedly torture animals in their alleged attempts to discover the mechanism of action by which ultrasound is causing harm, when a “novice” researcher like myself can do a quick analysis of the situation and make a few reasonable suggestions about what is causing the problem.

In any event, the question remains - **Why is it not enough for them to simply know that ultrasound is causing serious harm for them to put a halt to the use of this technology during pregnancy? Why do they persist in exposing developing babies to ultrasound when they absolutely know—and have known for decades—that it is causing very serious biological harm?**

Sickeningly, pregnant women are acquiescing to multiple ultrasound scans because they believe this will somehow improve the outcome for the baby. However, nothing could be further from The Truth. **Numerous studies indicate that ultrasound scans do not improve pregnancy outcome<sup>968 969</sup> (as was discussed earlier), and in the case of a diagnosis of intrauterine growth restriction, the scans will only lead to more ultrasound exposure and other harmful medical**

**interventions, as well as a higher likelihood that the baby will spend time in neonatal intensive care.<sup>970</sup>**

There is another problem in screening for IUGR [intrauterine growth retardation]. One of the basic principles of screening is to screen only for conditions for which you can do something. At present, there is no treatment for IUGR, no way to slow up or stop the process of too-slow growth of the fetus and return it to normal. So it is hard to see how screening for IUGR could be expected to improve pregnancy outcome.<sup>971</sup>

The babies diagnosed as small were much more likely to be delivered by caesarean - 44.3 percent compared with 17.4 percent for babies who were not small for dates. If the baby actually had [IUGR] the section rate varied hugely according to whether it was diagnosed before birth (74.1 percent sectioned) or not (30.4 percent).<sup>972</sup>

So what difference did diagnosis make to the outcome for the baby? Pre-term delivery was five times more frequent in those whose IUGR was diagnosed before birth than those who were not. The average diagnosed pregnancy was two to three weeks shorter than the undiagnosed one. The admission rate to intensive care was three times higher for the diagnosed babies.<sup>973</sup>

At my 20 week US they saw a cyst of water in my daughter's brain so they did an ultrasound every 2 weeks. Around 30-32 weeks they said my baby was no longer growing. She was 2 lbs smaller than she should be. They started doing weekly NSTs and more USs. It was very scary and stressful. I eventually switched Dr's and my new Dr recommended we induce when I was between 35-36 weeks. Just to be safe. At that time, they estimated my baby to be around 4lbs. They induced me, and when I was fully dilated a whole team of Dr's came in. Including NICU and neonatal pediatrics, they even had the little baby incubator. I was terrified. The moment my baby was born, one of the nurses said, "She is a little peanut". I immediately started to cry because I thought she was too small. I kept asking, "Is she too small?" Over and over. The Dr put her on my chest and she looked just perfect. They took her to check her out and she was breathing on

her own, no problems, and in the end she weighed 6lbs 4ozs. All the ultrasounds were wrong and my daughter was perfectly healthy.<sup>974</sup>

This last story brings up the point of the routine use of prenatal ultrasound leading to numerous false-positive results.<sup>975 976 977 978</sup> This equates to a traumatized population of pregnant mothers who are undoubtedly exposing their babies to stress hormones that can further contribute to fetal growth retardation and/or low birth weight.<sup>979</sup>

More than 50 percent of ultrasound screenings for IUGR give false positive results.<sup>980</sup>

A German study from Wiesbaden hospital found that out of 2,378 pregnancies only 58 of 183 growth retarded babies were diagnosed before birth. Forty-five fetuses were wrongly diagnosed as being growth retarded when they were not. Only twenty-eight of the seventy-two severely growth-retarded babies were detected before birth despite the mothers having an average of 4.7 scans.<sup>981</sup>

A recent study at a major women's hospital in Brisbane, Australia (where 99 percent of women receive routine ultrasounds), showed that routine ultrasound missed about 40% of abnormalities. A 1989 study conducted by ACOG revealed that ultrasounds miss abnormalities just as often as they give false positive readings. In the ACOG study, 51 percent of ultrasounds failed to reveal a serious problem when it actually did exist.<sup>982</sup>

If doctors continue to try to detect IUGR with ultrasound, the result will be high false-positive rates. Studies show that even under ideal conditions...it is likely that over half of the time a positive IUGR screening test using ultrasound is returned, the test is false, and the pregnancy is in fact normal. The implications of this are great for producing anxiety in the woman and the likelihood of further unnecessary interventions.<sup>983</sup>

I saw 7 different specialists with my last pregnancy. They told us that she would never live and recommended terminating the pregnancy at 23 weeks. She is now a

healthy 18-month-old with none of the issues they said she would face.<sup>984</sup>

When I was about 30 weeks pregnant with DD, an ultrasound showed water on the brain. I was hysterical! But a second ultrasound showed nothing and she was born completely healthy!<sup>985</sup>

I would make a point to say how inaccurate ultrasounds are for determining size. They told me my [little one] has IUGR when I was 34 weeks pregnant. I begged to keep her in a few more weeks. She was going to be "4 lbs", blah blah blah... She was born 4 weeks early at 7lbs and 22 inches!<sup>986</sup>

Babies who are born four weeks early but are still of normal birth weight may be part of a population that manifest excess growth in response to radiation exposure. Jim West argues that developing babies can respond to ultrasound by either experiencing growth restriction *in utero* or, as an opposite, excess growth. My understanding is that excess growth may be the body's way of trying defend itself against radiation exposure.

Present-era microcephaly and MACROcephaly are both initiated by DUS [diagnostic ultrasound] damage as hormetic opposites. Microcephaly is a cautious halt of cell division, or a stunting of vital processes, or just the result of damage. MACROcephaly is adaptive overgrowth following damage. Too much damage, and MACROcephaly is not possible—only microcephaly would be possible... Microcephaly is the result of a metabolism shutdown, a growth shutdown, a cell division shutdown, due to radiation damage. Cell division is a most vulnerable process, unlikely to proceed at a normal pace under the threat of radiation. It makes sense that developmental delays and neurological disorders are usually comorbid with congenital microcephaly and MACROcephaly.<sup>987</sup>

There can be no doubt that ultrasonic irradiation is contributing to malformations in fetal development, especially of the central nervous system, head, heart, and brain. The irony, of course, is that, while obstetricians claim to be using ultrasound to *detect* these malformations, medical scientists are using it to deliberately *cause* them.

Ultrasound at frequencies of 1.0 mcps and 2.5 mcps can be focused by a suitable lens system to produce a small region of high vibrational intensity. The concentrated energy within and around the focal region can be used to destroy structures of the central nervous system.<sup>988</sup>

In one study where researchers followed up on children who were exposed to ultrasound *in utero* and diagnosed with malformations of the central nervous system, out of 124 children, 15 were later said to have a condition that “spontaneously disappeared.” Of course, spontaneous disappearance likely means the condition never existed to begin with.

Four of the diagnosed children died *in utero*—allegedly from “other causes,”<sup>989</sup> but quite possibly because of ultrasound exposure.

Of the 118 children left, ten of the children turned out to be from multiple pregnancies (2 triplets and 8 twins). It is not clear whether these multiples were conceived with the help of artificial reproductive technologies and/or whether they were exposed to numerous ultrasound scans as a result of being artificially reproduced and/or as a result of being multiples. It is possible that excess exposure to technologies like ultrasound could have contributed to the creation of central nervous system (CNS) malformations in the children—meaning the children (along with millions of American adults)<sup>990</sup> were afflicted with conditions that were iatrogenically induced.

Sadly, almost half of the pregnancies with a diagnosis of CNS malformation were terminated (N=54), leaving only 64 pregnancies, 18 of which suffered from “spontaneous intrauterine death.” Were these 18 children repeatedly exposed to ultrasound, and could ultrasound have contributed to their intrauterine deaths?

Only 46 of the original 124 pregnancies that received a CNS diagnosis ended in a live birth. Of these, only 25 children survived past the age of three. Interestingly, nearly half of the survivors showed either normal or only slightly disabled psychomotor development.

Of the remaining 25 children, five had normal psychomotor development, seven were slightly disabled, five were moderately disabled, and eight were severely disabled. Normal development was seen in one child with

sacral spina bifida, two with hydrocephaly, one with prenatally suspected corpus callosum agenesis and one with prenatally suspected posterior fossa anomaly. The two latter anomalies were, however, not confirmed after birth.<sup>991</sup>

Since almost half of the pregnancies were terminated before birth, it is difficult to know how many of the aborted children might have gone on to lead relatively or even completely normal lives despite the foreboding ultrasound diagnosis that may have “spontaneously disappeared” had the children been allowed to live.

One thing is absolutely clear: Despite the medical system being able to offer parents a terrifying diagnosis that causes extreme stress and grief, the only thing the establishment can offer parents *after* the diagnosis is the “choice” to murder their unborn child. Doctors cannot fix the alleged problems they are diagnosing, and in some cases, the problems may not even exist. Sadly, babies are being killed in response to false ultrasound diagnoses,<sup>992 993 994</sup> and this is a tragedy beyond measure.

Furthermore, although we are repeatedly told that ultrasound scans improve maternal bonding (with some clinics even referring to their scans as “*baby bonding scans*”),<sup>995 996</sup> just the opposite seems to be happening.

In one study involving women at high risk, almost 10 percent of scans were uncertain. This can create immense anxiety for the woman and her family, and the worry may not be allayed by the birth of a normal baby. In the same study, mothers with “questionable” diagnoses still had this anxiety three months after the birth of their baby.<sup>997</sup>

In one analysis of the potential deleterious impact of ultrasound scans on maternal bonding, it was noted that, because of ambiguous ultrasound findings and questionable diagnoses, “*many couples are now faced with enormous anxiety and dread about their unborn child, often long before delivery...*”

The mother who may still have five months of pregnancy remaining is faced with the [un]certain knowledge that she is carrying an abnormal baby. Enormous feelings of fear, guilt and inadequacy develop... Rejection at birth, both of the baby and of the hospital are not surprising.<sup>998</sup>

The above researcher raised some important questions and stated as follows:

Can maternal-fetal attachment be suppressed [by ambiguous ultrasound findings]?

What is the long-term impact of a not-proved diagnosis?"

What is the effect of knowing the sex of an infant? Does this knowledge alter the attitude of the mother toward the fetus; increase stereotyping by sex; cause disappointment that is not mollified by the reality of the infant?

Clearly it is too late to investigate whether ultrasound affects prenatal bonding. The case for investigating the procedure's diagnostic toxicity has become urgent. Even if only 1 in 100 or 1 in 1000 women experience 'questionable' findings, at the current rate of ultrasound use, we have a major problem.<sup>999</sup>

Indeed, we do. And despite the extremely clear evidence indicating that ultrasound is causing vast and grave harm, the medical profession continues to insist that pregnant women acquiesce to multiple prenatal ultrasound scans. The situation has to change and it is up to us to say NO—we will not allow ourselves and our children to be exposed to this dangerous and harmful technology anymore.



## CHAPTER NINE

### IS NON-IONIZING RADIATION SAFE?

*“As long as humans and other life forms are subject to current levels of non-ionizing radiation, our cancer problem will never be solved.”<sup>1000</sup>*

*“If we don’t engage sooner rather than later with this issue, we will be remembered by future generations as the generation who invented the technology that killed so many people in the world whilst knowing of the problems, but elected to do nothing about it.”<sup>1001</sup>*

*“As physicians, we observe a clear increase in health symptoms when radio-frequency exposure levels increase—especially in the case of heavy cell phone use, and in the vicinity of DECT cordless phones, Wi-Fi, and cell towers—including problems falling asleep and staying asleep, chronic fatigue, headaches, migraine, vertigo, tinnitus, unhealthy blood pressure levels and arrhythmias, concentration and memory problems, learning and behavioral disorders, a more frequent incidence of ADHD among children.”<sup>1002</sup>*

For decades, we have been told by the communications industry,<sup>1003</sup> the medical establishment,<sup>1004</sup> the media,<sup>1005</sup> industry scientists<sup>1006</sup> and governments worldwide, that wireless, non-ionizing radiation is safe and that wireless technologies are bringing untold benefits to Mankind.<sup>1007</sup> <sup>1008</sup> Credentialed spokespeople, many of whom have been bought-and-paid-for by the wireless industry, have created a chorus of alleged safety, leading millions to believe that cell phones, cordless phones, baby monitors, smart meters, WiFi routers, Bluetooth devices, along with myriad non-ionizing medical devices like ultrasound and MRI machines, are all benign and perfectly safe to be used,<sup>1009</sup> even around young children and babies in the womb. Developing fetuses are repeatedly exposed to exorbitant amounts of ultrasonic and wireless radiation during their earliest developmental stages, and infant nurseries—both in hospital and at home—have been equipped with wireless baby monitors that emit ridiculously high levels of microwave radiation 24/7 (more information about this below). Classrooms<sup>1010</sup> and school buses<sup>1011</sup> have been fitted with high-powered WiFi systems that are claimed to benefit the children, while cell towers and antennas have been erected directly atop or adjacent to elementary, middle schools<sup>1012</sup> and universities around the world. This entire radiation grid has seemingly been rolled out in the blink of an eye, with little or no commentary from unsuspecting parents, save those who are parenting children that have already become ill from rampant radiation exposure.<sup>1013</sup>

Since military medical science has acknowledged that “*the brain is one of the organs that is most vulnerable to microwave radiation,*”<sup>1014</sup> it would behoove us to ask the question of whether all of this radiation exposure is safe, especially for our children. The answer, of course, is a resounding *no*.

Could exposure to radiation from cell phone towers be really responsible for over 7,000 cancer deaths? According to research findings from Brazil, the facts speak for themselves... Over 80 percent of those who succumbed to certain types of cancer resided approximately a third of a mile away from [a cell phone tower]. These cancers, primarily found in the prostate, breasts, lungs, kidneys, liver, are the ones associated with exposure to electromagnetic fields (EMFs)... [Studies] dating as far back as the 1970s [all] share similar findings: living within a certain proximity to a cell phone tower increased the

risk of cancer anywhere from two to 121 times depending on what type of cancer was detected.<sup>1015</sup>

The available studies document damage to the reproductive system, impacts on...brain functions, as well as effects on the heart, liver, thyroid, gene expression, cell cycle, cell membranes, bacteria, and plants... Due to cytotoxic effects, Wi-Fi technologies are not suitable for hospitals and telemedicine... [and] should not be used in bedrooms, work spaces, common lounges, hospital rooms, lecture halls, classrooms, and public transport.<sup>1016</sup>

International independent research and reports predict new or worsened health problems likely for the public, their pets, animals, wildlife, and insects, including: abnormal heart rhythms, cardiac arrest, fainting, strokes, cancers and tumors, seizures, headaches and migraines, nausea and vomiting, nosebleeds and ear bleeding, insomnia and sleep abnormalities, rashes, burns, or other skin reactions, eye problems, dizziness, flu-like symptoms, ear, eye, or heart pain, edema, hearing ringing or buzzing, memory and concentration problems, high blood pressure, difficulty regulating blood sugar, spontaneous abortions, higher than normal rates of birth defects, mental health problems including depression, anxiety, agitation, and suicidal thoughts, muscle weakness and loss of energy (due to mitochondrial dysfunction), paralysis, joint pain, urinary urgency, and electromagnetic sensitivity (intolerance to micro-wave or EMF emissions—recognized by the U.S. Access Board in 2002). These reactions are correlated to microwave radiation exposure [from] cell towers, Wi-Fi, wireless Smart Meters, and wireless devices. The NIH National Toxicology Program...corroborates that this radiation is a carcinogen.<sup>1017</sup>

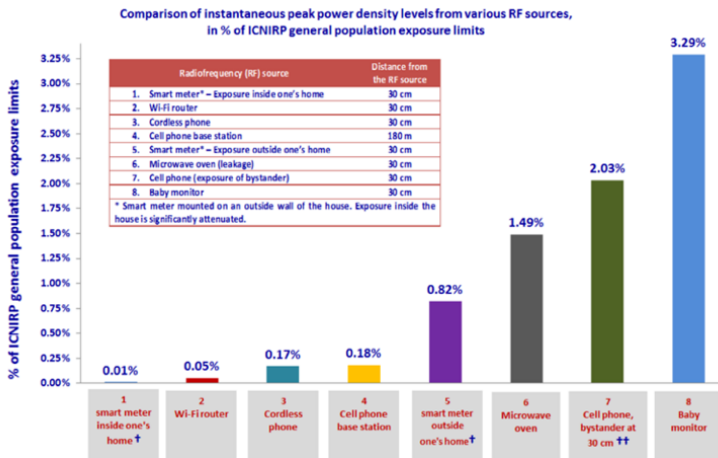
As was discussed earlier, non-ionizing technologies such as wireless and ultrasonic devices are causing severe biological damage on par with, and sometimes worse than,<sup>1018</sup> the damage caused by x-rays and other forms of ionizing radiation.<sup>1019</sup>

Five decades of studies confirm that non-ionizing... radiation...has the same effect on human health as

ionizing radiation from nuclear reactions... The damages are so similar that they are hard to differentiate.<sup>1020</sup>

Yet many people remain unaware of the danger and it is urgently necessary for people to understand the facts. Our attachment to wireless devices is having a very serious deleterious effect not just on humans, but also on other life forms.<sup>1021</sup> If we do not come to terms with this Truth, the survival of our bloodlines and all life on Earth is at risk.

Below is a graph illustrating the levels of radiation being emitted by several wireless technologies.



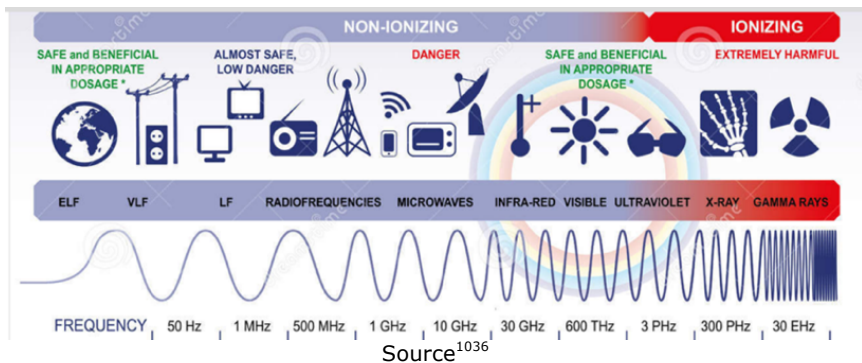
**Figure 3 – Comparison of peak power densities from various radiofrequency sources**  
(data from EMC Technologies-Australia<sup>29</sup>, except for cell phone base stations from NRPB-UK15)

Source<sup>1022</sup>

As the graph plainly illustrates, radiation levels from baby monitors are *extremely high*,<sup>1023</sup> causing Dr. Dietrich Klinghardt to comment that "*baby monitors will destroy the baby's brain early on.*"<sup>1024</sup> Mobile phones, microwave ovens, and smart meters also emit very high levels of radiation and, although the illustration suggests that wireless modems and cordless phones are low in their emissions, this is not accurate. In fact, wireless routers and cordless DECT phones emit dangerously high levels of microwave radiation.<sup>1025</sup> I have personally confirmed this with my own EMF meter that shows radiation levels *in the red* (extreme danger) when standing within five feet of a cordless phone base or WiFi router.

Significantly, cordless phone radiation may actually be worse than cell phone radiation,<sup>1026</sup> and studies suggest that extended use of cordless phones is equally likely to produce malignant brain tumors<sup>1027</sup> as extended use of cell phones.<sup>1028 1029 1030</sup> Lawsuits alleging that cell phone use has caused brain tumors in users have reached the \$2 billion mark.<sup>1031</sup> Malignant brain tumors have become the most common cancer among children<sup>1032 1033 1034 1035</sup> aged 15-19.

The diagram below shows the current range of frequencies we are being exposed to through our technologies.



Note that the spectrum pictured above begins its measurements at approximately 50 hertz and continues beyond the tetrahertz range (THz = trillions of hertz) into petahertz and exahertz. Of course, all of these exorbitantly high frequencies are lab-created and completely alien to our Earth. Nothing in our world naturally functions at these frequencies. They are weaponized electrical currents designed to destroy life.

The human body is evolutionarily designed to receive and transmit *natural* frequencies between 3-30 hertz.<sup>1037 1038 1039</sup> The Earth itself resonates at a frequency of 7.83 hertz, known as the Schumann Resonance, which is precisely the same frequency as the alpha waves being emitted by the human brain.<sup>1040</sup> Yet, thanks to the medical and telecom industries, our brains and the brains of our developing children are now being exposed to frequencies in the *millions* and *billions* of hertz. These frequencies have been documented to damage the blood-brain barrier<sup>1041 1042</sup> (the "BBB") and negatively affect the neurodevelopment of fetuses.<sup>1043</sup> Damage to the BBB can contribute to early-onset Alzheimer's

Disease in people as young as 30,<sup>1044</sup> as well as radiation-induced vasculopathy which is contributing to the growing incidence of stroke<sup>1045</sup> in young people—up 44% in those aged 25-44 between 2000 and 2010.<sup>1046</sup>

BBB dysfunction plays a major role in the pathogenesis of a large number of neurological disorders including stroke, multiple sclerosis, Alzheimer's disease, Parkinson's disease, cerebral palsy... and cerebral hemorrhages.<sup>1047</sup>

Airport scanners are using frequencies in the "terahertz" range that can go as high as *three trillion hertz* (3 THz).<sup>1048</sup> Not surprisingly, these frequencies are known to cause serious biological harm.

These millimeter wave technologies are designed to bombard innocent travellers with high frequency energy particles known as terahertz photons. A study conducted...at Los Alamos National Laboratory in New Mexico, revealed that these terahertz waves could 'unzip double-stranded DNA, creating bubbles that could significantly interfere with processes such as gene expression and DNA replication.'<sup>1049</sup>

The bubbles just referred to that can interfere with gene expression and DNA replication are called cavitation bubbles. Cavitation bubbles form in liquids that are exposed to radiation force and heat. These bubbles can also form in bodily fluids that have been exposed to ultrasound and/or other non-ionizing technologies.<sup>1050</sup> Of great concern is the fact that these bubbles have a tendency to violently implode, creating very high localized temperatures<sup>1051</sup> (as hot as the temperature of the sun),<sup>1052</sup> and particle collisions<sup>1053 1054</sup> that have been recorded at speeds of up to *500 miles per second*.<sup>1055</sup> Naturally, such implosions can fatally damage cells.<sup>1056</sup> This violent, radiation-induced activity is occurring inside of our bodies whenever we are exposed to ultrasonic, microwave, and/or millimeter wave technologies, all of which can clearly disrupt our physical functioning and cause significant biological harm.

We are bio-electrical beings and this constant exposure to microwave radiation pulses is hampering our cell to cell electrical signaling and causing a cascade of detrimental health effects. Quite simply, we are not built to stand this kind of man-made radiation assault.<sup>1057</sup>

These frequencies cause electrical failure and electrical failure means disease... Over time, when you keep trying to change someone's frequency to an unnatural state, you're going to have unease or dis-ease.<sup>1058</sup>

The body of science is largely showing biological dysregulation from this energy. It's an unnatural energy. We, ourselves, are electromagnetic beings. So, this outside energy force comes in contact with our beautiful system that's in balance and it throws all kinds of things off. Every single system of the body is impacted.<sup>1059</sup>

In warfare, if you want to jam the signal of your enemy and break the communication of the enemy, you use jammers. These are special radio devices which put simple frequencies which are very close to the frequency which you want to jam and a lot higher, so then the receiver cannot recognize the real signal. And this is actually what is going on now. We have so much of these artificial signals, that your brain has really a very slight chance to tune in to the basic Schumann Resonance frequency. So, it's like we are disconnected from the frequency of the Earth.<sup>1060</sup>

In this last quote, scientist Pawel Wypychowski affirms that many humans are no longer able to be in resonance with the natural electromagnetic transmissions emanating from our Earth and our Source. Although these transmissions are necessary for our well-being and survival, they are being jammed by the presence of artificial frequencies that now fill our air space and are ubiquitous in our world. Migratory birds are becoming disoriented as a result of these frequencies,<sup>1061</sup> and a recent study found that the United States and Canada have lost more than *3 billion* birds over the last few decades.

Since 1970, bird populations in the United States and Canada have declined by 29 percent, or almost 3 billion birds, signalling a widespread ecological crisis. The results show tremendous losses across diverse groups of birds and habitats — from iconic songsters such as meadowlarks to long-distance migrants such as swallows and backyard birds including sparrows.<sup>1062</sup>

Although the authors of the above-quoted article blame the massive bird loss on cats, habitat degradation, pesticides, and

"collisions with glass, buildings, and other structures",<sup>1063</sup> in fact, the bird deaths are much more likely to be caused by the wireless frequencies and radiation that now permeate our world.<sup>12</sup>

Not surprisingly, the article itself states that the study measurements on bird loss came from "143 NEXRAD weather **radar stations** across the continent in a period spanning over 10 years..."<sup>1064</sup> Clearly, the birds were and are being exposed to dangerous, radiation-emitting frequencies that can cause their demise.

On the Dutch island of Texel...a large breeding colony of seabirds called Sandwich terns ("great terns" in Dutch) made headline news last month by dying. Of the 7,000 birds nesting in the De Petten nature reserve until the end of May, none were left by the middle of June. 3,000 avian corpses were collected, and the rest either died or abandoned their nests...

The first 35 dead terns at De Petten were found on May 29, 2022. There are three cell towers on the edge of the reserve, and actually *in* the territory which the terns inhabit... 18 new 4G antennas had just been added to those towers... According to my research, there are a total of 105 4G antennas within 7 miles of De Petten that are aimed directly at it...

Another large breeding colony of Sandwich terns made headlines a bit later, and for the same reason: the one at Waterdunen... Waterdunen hosted 7,000 pairs of terns that flew up from Africa to breed there this spring. But on June 24, 2022, it was reported that 4,600 dead adult and young Sandwich terns had been collected there during the previous two weeks. By the end of June, this colony no longer existed.

The nature reserve at Waterdunen has 318 heavily-used 4G antennas aimed in its direction from distances of from 0.5 to 8 miles. Most of these emit between 1,000 and 2,000 watts of radiation each. 46 of these antennas are new, having been added to existing towers in April, May

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<sup>12</sup> Curiously, the article does not mention the fact that hundreds of thousands birds are colliding with cell towers and/or wind turbines each year. Is this just on oversight on their part? Not likely.



and June 2022. One 55-foot tower less than 2 miles down the beach from Waterdunen was upgraded on May 18, 2022 from 6 antennas to 12 and from 2 frequencies to 4. Another, 40-foot tower in the same location was upgraded on June 22, 2022 from 6 antennas to 18 and from 2 frequencies to 6.

*Likewise in France...*at the Platier d'Oye nature reserve near the port of Calais, a colony of 3,000 Sandwich terns began nesting in April. The first 100 dead birds were discovered on May 20, and within a few weeks the colony was almost completely wiped out.

The situation at Platier d'Oye is similar to that further north in Texel: dozens of new 4G and 5G antennas were added near the reserve during the months of May and June. 3 new 4G antennas and 6 new 5G antennas were added to an existing 90-foot cell tower bordering the reserve. Another 6 new 4G antennas and 6 new 5G antennas were added to an existing 140-foot tower about two miles to the southeast. Another 6 new 4G antennas and 6 new 5G antennas were added to an existing 95-foot tower about two miles to the east. At this writing, there are the astounding number of 355 antennas of all kinds on 26 towers at 13 locations ranging from 10 feet tall to 255 feet tall within about 4 miles of this nature reserve.<sup>1065</sup>

In addition to the very sad and extreme loss of bird life, monarch butterflies are heading for extinction<sup>1066</sup> and bumblebees have been put on the endangered species list.<sup>1067</sup> Insects are disappearing in droves, and while the lamestream media attempt to pin the blame for all this loss on "climate change,"<sup>1068</sup> in fact, it is the alien, artificial frequencies that now permeate our air space,<sup>1069</sup> combined with the resulting radiation heat,<sup>1070</sup> that is causing the loss of many life forms, including humans.<sup>1071 1072</sup>

Studies of radiation impacts on wild birds documented nest abandonment, plumage deterioration and death. Birds studied included House Sparrows, White Storks, Collared Doves, and other species. Studies in laboratories of chick embryos documented heart attacks and death.<sup>1073</sup>

We radiated hen eggs in an incubator with microwaves measuring below [German] limit values, and every

embryo was killed! Not a single chick hatched; not one survived the radiation. Healthy chicks hatched from the non-radiated control group, without exception... We have a dove breeder in our association who detected an electrosmog pollution of 1.4 volts per metre (V/m) in his dovecote. The breeding period there has dropped by half. The young birds are no longer fed by the parents, and starve to death; there is also a greater incidence of deformity. Similar reports are coming in about kestrels and swallows. For swallows, the problem is the lack of midges and insects in the air. Since swallows can only catch their food during flight, there's just not much out there to catch because midges drop dead to the ground at 0.2 V/m.<sup>1074</sup>

Ferdinand Ruzicka... 'observed a pronounced restlessness' in his bee colonies...after telecom-munications antennas appeared in a field near his hives... 'I am a frame-hive beekeeper,' he wrote. 'The bees now build their honeycombs not in the manner prescribed by the frames, but in a helter skelter fashion. In the summer, the colonies collapsed without any obvious cause. In the winter, despite snow and below zero temperatures, the bees would fly out and freeze to death next to the hive'... On the small island lying off England's southern coast where Marconi sent the world's first long-distance radio transmission in 1901, the bees began to vanish. By 1906, the island, then host to the greatest density of radio transmissions in the world, was almost empty of bees. Thousands, unable to fly, were found crawling and dying on the ground outside their hives.<sup>1075</sup>

Obviously, these frequencies are life-destroying. However, they do serve a purpose since they can be used to jam information signals of those considered enemies in the hopes of causing their demise.

The human body, much like a computer, contains myriad data processors. They include, but are not limited to, the chemical-electrical activity of the brain, heart, and peripheral nervous system, the signals sent from the cortex region of the brain to other parts of our body, the tiny hair cells in the inner ear that process auditory signals, and the light-sensitive retina and cornea of the eye that process visual activity. We are on the threshold

of an era in which these data processors of the human body may be manipulated or debilitated... Strobe lights have been known to cause epileptic seizures. Not long ago in Japan, children watching television cartoons were subjected to pulsating lights that caused seizures in some and made others very sick... A recent edition of *U.S. News and World Report* highlighted several of these "wonder weapons" (acoustics, microwaves, lasers) and noted that scientists are 'searching the electromagnetic and sonic spectrums for wavelengths that can affect human behavior.'

What technologies have been examined by the United States that possess the potential to disrupt the data-processing capabilities of the human organism? The 7 July 1997 issue of *U.S. News and World Report* described several of them designed, among other things, to vibrate the insides of humans, stun or nauseate them, put them to sleep, heat them up, or knock them down with a shock wave. The technologies include dazzling lasers that can force the pupils to close; acoustic or sonic frequencies that cause the hair cells in the inner ear to vibrate and cause motion sickness, vertigo, and nausea, or frequencies that resonate the internal organs causing pain and spasms; and shock waves with the potential to knock down humans or airplanes and which can be mixed with pepper spray or chemicals. Other projects sought to induce or prevent sleep, or to affect the signal from the motor cortex portion of the brain, overriding voluntary muscle movements. The latter are referred to as pulse wave weapons.<sup>1076</sup>

Without a doubt, there are evil creatures on this Earth that are deliberately deploying ultrasonic, microwave and millimeter weaponry in an attempt to interfere with human functioning while simultaneously causing the demise of not only civilian populations,<sup>1077</sup> but our entire world.<sup>1078</sup> Consider the recent commentary made by former U.N. staff member, Claire Edwards, who clearly stated that the roll-out of 5G is an undeclared war against humanity.<sup>1079</sup>

5G is designed to deliver concentrated and focused electromagnetic radiation in excess of 100 times current levels in the same way as do directed energy weapons.<sup>1080</sup>

The inescapable truth is that the deployment of the innocently-named '5G' is a silent declaration of a quiet war against humanity.<sup>1081</sup>

To be sure, the U.S. and other western governments have used in the past, and continue to use, ultrasonic,<sup>1082</sup> microwave<sup>1083</sup> and millimeter wave frequencies<sup>1084</sup> (similar to the ones planned to be used for 5G) against Mankind.<sup>1085 1086 1087 1088</sup>

I have known the Growler [millimeter wave weapon] to be tested on military special service people and it brought them to their knees in seconds. It is for crowd control which will cause severe neurological and physiological damage which could be permanent, it could induce cancer, it could induce any brain abnormality.<sup>1089</sup>

The new generation of electronic weapons is capable of burning and cooking humans, destroying (exploding) body tissue, or cause heart attacks. This is all possible from large distances (hundreds of meters) and through walls. These weapons are now (2008) being used at large by secret services to eliminate people: incapacitate, drive into suicide, insanity, criminal behaviour, or are just used to cause heart failure, brain damage, etc.<sup>1090</sup>

Electromagnetic waves may be used to disrupt an enemy soldier's nervous system, to cause epileptic seizures, or to warm their body fluids as though they were inside a microwave oven.<sup>1091</sup>

One moment it's a chilly afternoon. But as I learned, in the very next moment, and without warning, your chest and neck feel like they've gotten a blast of unbearable steam heat. That's because of an imposing device the U.S. military calls the Active Denial System. It's an energy weapon, commonly known as the "Pain Ray," that turns electricity into millimeter wave radio frequency. And heat. Lots of heat. The military wants it to zap suspicious people.<sup>1092</sup>

At the cellular level, it stands out from the literature that skin nerve endings are probably the main targets of [millimetre waves] and the possible starting point of numerous biological effects.' Effects reviewed include effects on capillaries and nerve endings, protein insults,

epigenetic regulation, and the risk of homeostasis disruption, which would have dramatic consequences. In addition, millimeter wave technology has been developed as a crowd control weapon which causes acute burning pain, as if the body is on fire.<sup>1093</sup>

It is frightening to realize that, as of 2019, microwave and millimeter wave weapons have been deployed all across the U.S. and elsewhere such that landscapes are now blighted with hideous, alien-looking cell towers, while millions of microwave transmitters, antennas, boosters, satellites, 5G cylinders and "small cells," etc. sit stationed atop (or very close to) police stations, fire houses, churches, government buildings, schools, libraries, water towers, medical buildings and even hospitals. And yet, massive evidence points to the fact that this alleged "communications infrastructure" is nothing other than a weaponized kill grid that is already triggering a global health crisis of gargantuan proportion.<sup>1094</sup>

Cell towers are not just for communication. They are also used as a weapon to cause impairment, illness and death... Cell towers require 30 watts for our communication needs, not the millions of watts that they are capable of. Weaponized cell phone towers that surround us now are the perfect weapons to carry out the mega-slaughter of the domestic population. Virtually all towns, all over the world have the amount of towers necessary to fry the populations in their vicinity. They are currently on the "Slow Kill" setting.<sup>1095</sup>

People's exposures to EMFs have been known to result in...neurological effects, brain tumours, learning difficulties, nervous, hormonal and behavioural problems. 5G will be another addition to the list of *silent killers*... The globalists have a depopulation agenda and they want to cull us off slowly because they can make a lot of money out of it along the way.<sup>1096</sup>

It is important to note that, **according to Brendan Carr at the FCC, 5G "small cells" will each contain 1024 antennas**<sup>1097</sup> directing laser-like, radiative energy at the people using 5G-enabled devices. The system operates through a technique called "beamforming" that behaves something like this:



Source<sup>1098</sup>

Naturally, if the beam happens to go through your heart or other organs, biological devastation can occur. Meanwhile, despite there being more than 1000 antennas in each 5G small cell, a single small cell can only reach 27 homes.<sup>1099</sup> Hence, they intend to place these mini cell towers every 2-12 houses<sup>1100</sup> which will exponentially increase the radiation in our environment and maximize the potency of what can only be described as a weaponized kill grid that now threatens our very existence.

Everyone should keep in mind that the 5G densification is not linear. Putting 5G 6000 Watt towers 10 times more often in the east-west direction and then 10 times more often in north-south direction, means 100 times more RFR [radiofrequency radiation] energy being dumped into every man, woman and child in the town. The RFR power is being squared. [In other words], if you replace each tower in the X coordinate with 10 towers and replace each tower in the Y coordinate with 10 towers then you have 100 times the numbers of towers in the area. If each tower puts out the same amount of power, then you have saturated the area with 100 times the power.<sup>1101</sup>

Humanity now finds itself in quite a predicament. Billions of people have become addicted to technologies that are, without question, designed to cause our demise. Those who live or work in highly irradiated areas are becoming sick<sup>1102 1103</sup> and radiation is harming people's brains and contributing to cognitive dysfunction and early-onset Alzheimer's disease,<sup>1104</sup> among many other serious illnesses.

The symptoms experienced by the fire fighters, all of whom had passed rigorous physical and cognitive exams prior to being hired by the fire department, included but were not limited to the following: headaches, extreme fatigue, sleep disruption, anesthesia-like sleep where the men woke up for 911 calls 'as if they were drugged', inability to sleep, depression, anxiety, unexplained anger, getting lost on 911 calls in the town they grew up in, a twenty year medic forgetting basic CPR in the midst of resuscitating a coronary victim, immune-suppression manifest in frequent colds and flu-like symptoms.<sup>1105</sup>

Elidan Arzoni [of Geneva Switzerland, says:]. *'When they installed 5G, I felt bad from one day to the next... It happened overnight... My ears started to make very loud sounds, whereas at the time I didn't even know what tinnitus was.'* At the same time he felt pains on the left side and at the back of his skull. And such violent discomfort in his heart that he thought he was having a heart attack and went to the hospital emergency room two days later. There, after a few tests, he was reassured to be told that he had a 'sportsman's heart'. When he raised the issue of the presence of the antennas, the nurse replied that nobody was trained to provide information on the potential effects of those transmitters. 'The only advice I was given was to move...' To him, there is no doubt: the arrival of the antennas was the cause of his ills. 'It is a no-brainer. Even Swisscom confirmed it in terms of the timing. And I'm in very good health, I don't drink, I don't smoke, I never go to the doctor.' He states that his wife and children of 9, 16 and 21 are also newly suffering from insomnia.<sup>1106</sup>

A recent study by Lennart Hardell from the Research Foundation for Environment & Cancer and Mona Nilsson from the Radiation Protection Foundation confirms that exposure to 5G radiation rapidly causes symptoms of microwave radiation illness.

The study concerns the health consequences for a man and a woman who received a 5G base station directly above the apartment, only 5 meters above the bedroom. Measurements before and after the installation of 5G on the roof showed that 5G caused a massive increase in radiation in the apartment. Before 5G, there were already base stations for 3G or 4G in the same place directly

above the apartment, but switching to 5G technology led to an increase in radiation from 9,000 microW/m<sup>2</sup> to a maximum of 1,690,000 microW/m<sup>2</sup>...

The symptoms that occurred in the man and woman after the start of 5G are typical of the microwave syndrome: fatigue, difficulty sleeping, emotional impact, nosebleeds, increasing tinnitus and skin problems in the man. The woman had more symptoms than the man with severe sleep disorders and dizziness, followed by skin problems (burning sensation, tingling in the skin of the hands and arms), concentration problems, irritability, tinnitus, balance problems, impaired short-term memory, confusion, fatigue, tendency to depression, heart and lung symptoms (palpitations, heaviness over the chest) and feeling of warmth in the body. All symptoms decreased or disappeared completely after 24 hours after moving to another home with significantly lower radiation.<sup>1107</sup>

Residents living near a cell tower in Sebastopol, California have become ill, and several deaths have been recorded for people living within 500 feet of the tower. Below are just two accounts.

Resident #8 — has lived about 450 ft. and then 550 ft. from the Cell Tower, since 2009. She is now in her 20's, moved into the second-floor unit with her mother at age 15 and lived there for four years. While at that apartment she had a cyst removed from her ovary at age 16. Also, while living there, she became pregnant and gave birth to her son. Her son coded three times after his birth and has had three surgeries for breathing issues. In 2013, she moved to another building. In February 2018, she had ovarian cancer surgery which removed a 15-pound tumor from her ovary at age 25.<sup>1108</sup>

Deceased #5 — lived about 350 ft. from the Cell Tower, from 2009 until her death in 2013. She was in her 20's when she moved here and was healthy. She was diagnosed with breast cancer shortly after the birth of her child around 2011. She died at age 33 and left a 2 ½ year old son. She died in her apartment.<sup>1109</sup>

In a small elementary school near Sacramento, California, four children and at least three teachers have developed cancer thanks to the placement of a WiMax cell mast on the school's property.



Two preschool-age children that live near the school have also developed cancer, as well as a former student who was diagnosed with brain cancer at age 22.<sup>1110</sup>

A fourth child has been diagnosed with cancer at a San Joaquin County elementary school, and parents believe it's because of radiation caused by a cell phone tower. *'We had a doctor tell us that it's 100 percent environmental, the kind of tumor that he has,'* said Monica Ferrulli. Her son Mason was the second child to be diagnosed with cancer in just three years at Weston Elementary. He was 10-years-old... Prime's son Kyle was the first, diagnosed with kidney cancer in 2016. And two more kids were diagnosed this year.<sup>1111</sup>

Many studies have documented the fact that cell tower radiation is carcinogenic.<sup>1112</sup>

According to the study, more than 80 percent of people who die in Belo Horizonte by specific types of cancer live less than 500 meters away from the 300 identified cell phone antennas... Scientists found between 1996 and 2006 died in Belo Horizonte a total of 4924 victims of cancer types that may be caused by electromagnetic radiation, such as tumors in the prostate, breast, lung, kidneys and liver. After finding on the map nearly 300 points antennas of cellular phone networks in the city, the researcher found that 80 percent of those victims lived within 500 meters away from one of these premises.<sup>1113</sup>

After an extensive review and analysis of the medical literature researchers concluded that *'incidence of cancer cases was remarkably higher among people who resided in 400 meters from mobile antennas, in comparison to those who lived further away. Inhabitants living close to cellular antennas are also at increased risk for developing neuropsychiatric complaints...'*

In 2016, the Europa EM-EMF guideline found *'strong evidence that long-term exposure to certain EMFs is a risk factor for diseases such as certain cancers, Alzheimer's disease, and male infertility... Common EHS (electromagnetic hypersensitivity) symptoms include headaches, concentration difficulties, sleep problems, depression, lack of energy, fatigue and flu-like*

*symptoms.*' Populations living within 350 meters of a 850 MHz, 1500 watt cell phone tower in Netanya, Israel experienced a 400 percent cancer increase (i.e., carcinoma of the breast, ovary, lung, kidney, bone, and Hodgkin's disease).<sup>1114</sup>

Workers who install cell antennas are becoming ill,<sup>1115</sup> and several have fallen to their death trying to install towers or place additional transmitters on already existing structures.<sup>1116</sup>

Dangers to workers...who come in close contact with cell phone antennas are now more clearly established. Thermal [heating] effects of the cellular antennas, which act at close range essentially as open microwave ovens, can include eye damage, sterility and cognitive impairments.<sup>1117</sup>

Guilford's death wasn't an isolated case. Over the last decade, other men have been falling to their deaths—North Carolina, Arizona, Kentucky, Florida, Iowa. Since 2003, there have been nearly 100 climbers killed on radio, TV and cell towers, a rate that is about 10 times the average for construction workers.<sup>1118</sup>

Moreover, innocent workers are literally dropping dead on the job from exposure to microwave radiation. Recently, a 27-year-old water tower worker suffered cardiac arrest on the catwalk at the top of a highly microwaved water tower in Fresno, California. Two other workers also became seriously ill on the catwalk and needed to be rescued as they were too sick and too weak to climb down.<sup>1119</sup>



Source<sup>1120</sup>

The media claimed that these men collapsed due to heat exhaustion from the weather (temperature was 90°F at the time this happened). Not a single media source dared to mention the glaringly obvious fact that microwave transmitters are stationed all over that water tower, and directly at the level of the catwalk. These transmitters are well-documented to put out *massive* amounts of microwave radiation heat. Not only that, but the water sitting inside the basin was probably boiling from microwave radiation exposure just as surely as your own water boils when you put it in a microwave oven.

Microwave frequencies, can transfer energy to water molecules. High levels of microwave energy will generate heat in water-rich materials... This efficient absorption of microwave energy via water molecules results in rapid heating throughout an object.<sup>1121</sup>

Despite the blatantly obvious danger presented by the microwave transmitters, the media nevertheless attempted to blame the excess heat at the top of the tower on *solar* radiation from our Sun.

'Temperatures soared to 90 between 10 a.m. and 11 a.m....' AccuWeather Senior Meteorologist Dave Houk said...' If they were working on, or right near the water tower, the water tower would have been absorbing the solar rays and temperatures would have been higher, perhaps much higher than the recorded air temperature at the airport,' Houk said.<sup>1122</sup>

This is typical of the manipulation that the media repeatedly engage in as they try to convince everyone that natural radiation from our Sun is dangerous while lab-created, microwave radiation is perfectly safe. This type of distortion on the part of the media (and the medical radiation establishment) is criminal and many of these people belong in jail.

The media also failed to mention that the transmitters on that tower look like 5G transmitters. Therefore, they are likely to have been sending out extremely high levels of *pulsed and modulated frequencies* that can easily cause heart attacks.

The new generation of electronic weapons is capable of burning and cooking humans, destroying (exploding) body tissue, or causing heart attacks.<sup>1123</sup>

Finally, the media denied the fact that the young man who suffered cardiac arrest on the tower was found dead. Instead, they claim that he was “unconscious” and revived in the ambulance, finally dying the next day.<sup>1124</sup> In Truth, a video of the event<sup>1125</sup> clearly shows that it took the rescue workers at least 30-60 minutes to lower the man’s body off the catwalk, and as his body is being lowered, it is 100% lifeless. Moreover, electrical stimulation needs to be applied within 4-6 minutes after cardiac arrest in order to restart the heart.<sup>1126</sup> Yet this man’s body appeared lifeless the entire time the rescue crew was working to get him off that tower.

So, questions we should be asking ourselves at this point include the following:

- In what universe is it acceptable for both the media and the medical establishment to lie about how, why, and when a person dies?
- Why do the American people still accept what the mainstream media tell them when evidence has repeatedly shown that these people are the world’s biggest liars?
- Why are people accepting jobs that are likely to lead to death?
- Why do people continue using noxious radiation-emitting technologies when mountains of evidence indicate that these technologies are harmful to human health?
- Is humanity suffering from some kind of collective psychosis that is causing us to commit collective suicide by participating in our own extermination?

Please note that even ants are smart and/or intuitive enough to protect themselves and their young from this lethal energy. So what is wrong with humanity that we are not doing the same?

When the [cordless phone] was on, the ants were ‘nearly paralyzed.’ After being thus exposed for three minutes to each of the two pieces of equipment, they required two to four hours before they appeared normal again. Cammaerts then repeated the experiment with a fresh

colony, this time placing a flip phone in standby mode under the ants' nest... Immediately all the ants left their nest, taking their eggs, larvae, and nymphs with them. 'It looked spectacular,' she said. 'They relocated their nest far from the place under which the mobile phone was located. After the experimentation, when the mobile phone had been removed, the ants returned to their initial nest, transporting back their brood into the nest.'<sup>1127</sup>

Literally *tens of thousands* of publicly available studies.<sup>1128 1129 1130</sup> have confirmed the extreme biological harm that can and will ensue from exposure to wireless/microwave technologies.<sup>1131 1132</sup>

We don't need more proof of harm. You could wallpaper the world with the studies confirming the harm caused by wireless radiation."<sup>1133</sup>

Insomnia, anxiety, vision problems, swollen lymph, headaches, extreme thirst, night sweats, fatigue, memory and concentration problems, muscle pain, weakened immunity, allergies, heart problems, and intestinal disturbances are all symptoms found in a disease process the Russians described in the 70's as Microwave Sickness.<sup>1134</sup>

According to Merriam-Webster's dictionary, Microwave Sickness is:

A condition of impaired health...characterized by headaches, anxiety, sleep disturbances, fatigue, and difficulty in concentrating and by changes in the cardiovascular and central nervous systems and that is held to be caused by prolonged exposure to low-intensity microwave radiation.<sup>1135</sup>

In the 1950s, Russian doctors conducted extensive clinical exams of thousands of workers who had been exposed to microwaves during the development of radar.<sup>13</sup> Having disclosed serious health problems, these studies weren't

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<sup>13</sup> Consider that, while countries such as Russia, China, Italy, and France have set radiation limits at **10 microwatts/cm<sup>2</sup>**, and while other countries such as Switzerland and Austria have set their limits even lower than that, the United States (as well as Canada and the UK) have set their limit at **1000 microwatts/cm<sup>2</sup>—at least 100x higher than any of these other countries**. See *Is Wi-Fi Safe for Children? Beware of Health Risks*, [tinyurl.com/tglc34p](http://tinyurl.com/tglc34p) for more info.

swept under the rug. Instead the USSR set limits of 10 microwatts for workers and military personnel, and 1 microwatt for others. Both levels are strictly enforced... By 1971, [the doctors]...identified a comprehensive series of symptoms, which they called microwave sickness.<sup>1136</sup>

As someone who has experienced symptoms of microwave illness first hand (thanks to the installation of a solar system on my home that was being run by a wireless modem operating in tandem with a smart meter), I can confirm that the above-mentioned radiation-induced symptoms can come on fast and furious and bring a person close to death before a person even realizes what has hit him or her. Within a year of having the solar system and smart meter put on our house, one family member developed severe skin rashes, hair loss, chronic mouth ulcers, and twice went into respiratory failure. Another family member suffered from rapid onset memory loss, balance problems, chronic leg and muscle cramps, thyroid cancer, and olfactory changes including loss of taste and smell.

Loss of sense of smell is a classic sign of the disease that was called radio wave sickness in the former Soviet Union, and that is called electrical sensitivity today; often it is the only symptom of exposure to radio waves in otherwise healthy individuals.<sup>1137</sup>

I, myself, suffered from severe "tinnitus,"<sup>1138</sup> chronic insomnia, abnormal heart function, dizziness and nausea, vision problems, hearing problems, temporary loss of taste and smell, intense headaches, sharp pains and pressure in my head, muscle spasms, feelings of extreme weakness and fatigue that made me feel like I was close to death, and repeated, severe bouts with "the flu."

Incidentally, the flu and microwave illness share many of the same symptoms,<sup>1139</sup> and evidence suggests that so-called "influenza" is not a viral illness at all, but rather an electrically-induced disease.

Viruses have been misdescribed... They are actually electromagnetic in nature.<sup>1140</sup>

Low-frequency radiation affects the electrical activity of the brain and can cause flu-like symptoms.<sup>1141</sup>

According to Arthur Firstenberg, influenza as we know it first reared its ugly head in 1889, right alongside the creation of

alternating current.<sup>1142</sup> Most doctors at that time had never seen the illness before and were suddenly flooded with people who had developed the disease. The illness occurred first amongst military personnel who were working with radiofrequency devices. Firstenberg states:

The 1918 flu began on U.S. military bases where soldiers were being trained in wireless telegraphy. It spread throughout the world on ten thousand U.S. Navy ships equipped with state-of-the-art wireless stations. It became much more deadly in September 1918 when the first round-the-clock voice radio station powerful enough to be received in most parts of the world went on the air in New Brunswick, New Jersey in service of the U.S. war effort, thereby launching the modern era of radio communication.

Efforts by doctors working for the U.S. Public Health Service to prove the contagious nature of the 1918 flu were heroic and resulted in resounding and repeated failure. In November and December 1918 and in February and March 1919, they attempted to infect one hundred healthy volunteers with influenza in the following ways:

- They put secretions from the mouth, nose, throat and bronchi from hospitalized influenza patients into the nose, throat and eyes of volunteers;
- They injected blood from sick patients into volunteers;
- They filtered mucous material from sick patients and injected it under the skin of volunteers;
- They had volunteers shake hands with sick patients, talk to them, faces close together, for five minutes, then had the patient breathe out as hard as he could while the volunteer, two inches away, was breathing in, then had the patient cough directly into the face of the volunteer, five times.

None of the volunteers in any of these experiments got sick in any way. Similar attempts to infect healthy horses with secretions from horses sick with influenza resulted in the same resounding failure...

Historically, [influenza] did not exist on this earth as an annual disease prior to the worldwide deployment of AC electricity for lights and power that occurred in 1889. Many of the doctors who were flooded with influenza in 1889 had never seen a case before. But influenza has not been absent anywhere on earth since...

Influenza is a neurological disease that can affect almost every organ, with or without respiratory symptoms. It is caused by electricity.<sup>1143</sup>

Moreover,

In 1904, bees began to die on the Isle of Wight following the installation of radio transmitters by Marconi. These transmitters work at frequencies close to megahertz levels... The truth was that, after a year and a half of experimenting with radio transmitters in full health at the age of 22, Marconi began to develop fevers. These attacks continued for the rest of his life. In 1904, while working on setting up a transmitter powerful enough for transatlantic communications, these fevers became so intense that they were thought to be malaria. In 1905, he married Beatrice O'Brien and after their honeymoon, they settled on the island close to a transmitter. As soon as Beatrice had settled in, she began to complain of tinnitus. After three months, she fell ill with severe jaundice. She had to return to London to give birth to a baby who only lived for a few weeks and died of "unknown causes." During the same period, Marconi spent several months suffering from fever and delirium. Between 1918 and 1921, he suffered suicidal depression while working on a shortwave transmitter. In 1927, while on his honeymoon from his second marriage, he collapsed with chest pain and was diagnosed with serious cardiac disorders. Between 1934 and 1937, while he was developing microwave technology, he had nine heart attacks – the final one killing him at the age of 63.

On the same island, at Osborne House, Queen Victoria suffered cerebral hemorrhages and died on the evening of January 22nd 1901, just as Marconi was putting a new transmitter into operation less than 13 miles away. In 1901 there were "only" two transmitters, while in 1904



there were four, making this island the most irradiated place on the planet, leaving bees no room for survival. In 1906, a survey revealed that 90% of the bees had completely disappeared for no apparent reason. New colonies were brought to the island, but these likewise died within a week.

This epidemic spread across England and then across the western world, and then gradually stabilized, until the armies equipped themselves with various high-powered radio transmitters towards the end of the First World War—triggering...the Spanish flu pandemic in 1918, which actually began in the United States, at the Naval Radio School of Cambridge, Massachusetts, with 400 initial cases. This epidemic rapidly spread to 1,127 soldiers at Funston Camp (Kansas), where wireless connections had been installed. What intrigued the doctors was that while 15% of the civilian population were suffering from nosebleeds, 40% of the Navy suffered from them. Other bleeding also occurred, and a third of those who died did so due to internal hemorrhaging of the lungs or brain. In fact, it was the composition of the blood that had been altered, as the measured coagulation time was more than twice as long as normal. These symptoms are incompatible with the effects of the influenza respiratory viruses, but totally consistent with the devastating effects of electricity. Another incongruity was that two-thirds of the victims were healthy young people. A further atypical flu symptom was that the pulse slowed to rates of between 36 and 48, whereas this is a common result of exposure to electromagnetic fields...

It can be seen that each new influenza pandemic corresponds to a new advance in electrical technology, such as the Asian flu of 1957-58, following the installation of a powerful radar surveillance system, and the outbreak of Hong Kong flu from July 1968 onwards, following the commissioning of 28 military satellites for space surveillance.<sup>1144</sup>

Despite overwhelming evidence indicating manmade frequencies and radiation are the culprit for many of today's diseases, the medical establishment continues its ruse, tirelessly promoting its highly toxic,<sup>1145 1146</sup> extremely dangerous,<sup>1147 1148</sup> and completely useless<sup>1149 1150</sup> vaccines.<sup>1151</sup> In fact, vaccines will do nothing to

alleviate current health problems since they are not being generated by a virus. Moreover, vaccines will create even larger numbers of illnesses and deaths, just as they did during the 1918 "flu" epidemic during which the overwhelming majority of people who died had been vaccinated.<sup>1152 1153</sup>

With respect to the so-called "viral epidemic" called COVID-19, please keep in mind that the word "corona" has been used for decades to describe the electrical radiation field that is often emitted by high voltage devices.<sup>1154 1155</sup>

Corona is the field around high voltage electricity. It is the breach of the Corona Field that is the basis of Lightning.  
Corona (radiation) kills most high voltage electricians by the time they are 55 years old.  
Corona severely damages the reproductive cells in the liver.  
Corona causes sterility, miscarriages and infertility.  
Corona is an EMF field that is generated close to high voltage power transmission.

Now, they have labeled those symptoms, to be caused by a "viral" attack called "Corona Virus".

Coincidence that "5G" will cause all those symptoms of Corona Field Exposure ?

**BUT WAIT !**

They have a "chemical injection" to cure you from the harmful reactions to radiation upon your reproductive cells, take note: death is a common "side effect" of their "cure".

Source<sup>1156</sup>

Moreover, the symptoms being associated with this fake virus match exactly the symptoms of radiation illness. Below is a list of some of the symptoms that the media and medical cartel are fraudulently claiming are due to "COVID".

- loss of taste and smell;<sup>1157</sup>
- neurological problems such as dizziness, headaches, and impaired consciousness;<sup>1158</sup>
- skin rashes;<sup>1159</sup>

- heart problems<sup>1160</sup> and heart attacks<sup>1161</sup> (which are a result of exposure to pulsed microwaves that act like a jackhammer on the nervous system and disrupt both the natural heart rhythms of the body and the entire electrical signaling of the nervous system);<sup>1162</sup>
- heart rupture;<sup>1163</sup> <sup>14</sup>
- stroke, seizures<sup>15</sup> and brain inflammation;<sup>1164</sup>
- damage to men's testicles;<sup>1165</sup> <sup>16</sup>
- "fizzing" and an electrical feeling<sup>17</sup> on the skin;<sup>1166</sup> and/or a burning feeling on the skin;<sup>1167</sup> (which is precisely the sensation that occurs when 5G military weapons are deployed);<sup>1168</sup>
- clotting of the blood<sup>1169</sup> (please see image below for confirmation that it is radiation exposure, and not a virus, that causes clotting of the blood).

The image below, created by Dr. Magda Havas, shows human blood clotting after just 10 minutes of exposure to the microwave frequency (2.4GHz) commonly used for WiFi, cell phones, baby monitors, etc.

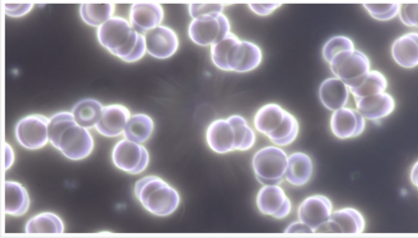
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<sup>14</sup> It is unheard of for so-called viruses to cause heart rupture. In fact, heart rupture is much more likely to be caused by exposure to radiofrequency and/or microwave devices (especially pulsed microwave devices). See [electronic torture.com/](http://electronic torture.com/) and [tinyurl.com/y4x7xh1v](http://tinyurl.com/y4x7xh1v)

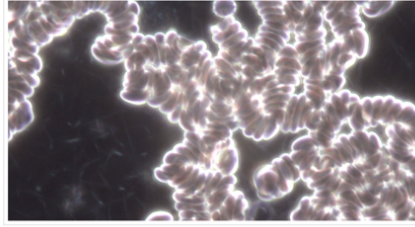
<sup>15</sup> Please note that when human bodies are hit with lab-created frequencies/radiation, the blood vessels tend to constrict in response to the assault. This is called radiation induced vasculopathy and it can cause stroke and seizures. The constriction of blood vessels also lowers the available blood and oxygen supply to the brain and can cause headaches. See [tinyurl.com/yxu525rb](http://tinyurl.com/yxu525rb)

<sup>16</sup> In truth, exposure to all forms of manmade frequencies and radiation can cause male infertility/sterility. As mentioned earlier in this book, ultrasound stops sperm production. Cell phones have also been repeatedly shown to destroy male fertility.

<sup>17</sup> It has been scientifically established that both high and low frequency electric fields can cause tingling of the skin. Yet here, they are blaming this symptom on a virus. This is (as they would say in Australia) a load of codswallup. See [tinyurl.com/y4e7ef4m](http://tinyurl.com/y4e7ef4m) for more info.



Normal Blood Cells



Same Patient – Rouleaux formation of red blood cells after 10 min exposure to 2.45 GHz

Images by Dr. Magda Havas, PhD and Professor Emeritus at Trent University in Ontario. Both slides demonstrate blood smear specimens from the same patient and were collected within twenty minutes of each other. The first image was obtained before EMF exposure and is a normal blood sample. The second image was obtained after exposure to 10 minutes of EMF from a 2.45 GHz WIFI router (at levels considered safe by international standards and well below FCC guidelines).

Source<sup>1170</sup>

In Truth, every single symptom listed above and below are symptoms of radiation sickness a/k/a microwave illness. Below is a diagram outlining some of the many symptoms associated with microwave illness.

### Symptoms of Microwave Illness

<https://www.microwavedvets.com>

Headaches	Difficulty Concentrating	Tinnitus
Dizziness	Memory Loss	Hearing Loss
Nausea	Brain Damage	Irregular Sleep Pattern
Skin Rash	Mood Disorder	Insomnia
Itchy Skin	Personality Disorder	Chronic Fatigue
Burning Skin Sensation	Increased Irritability	Deteriorating Vision
Tingling Sensation	Decreasing Trust in People	Pressure in/behind eyes
Tremors	Depression	Eye Damage
Muscle Spasms	Anxiety	Cataracts
Muscle and Joint Pain	ADHD/ADD	Immune Abnormalities
Restless Leg Syndrome	Digestive Issues	Altered Sugar Metabolism
Foot Issues	Abdominal Pain	Asthma Attacks
Low/High Pressure	Enlarged Thyroid	Bronchitis
Facial Flushing	Hair Loss	Pneumonia
Dehydration	Testicular/Ovarian Pain Low	Inflamed Sinuses
Body Metals Redistribution	Sperm Motility	Chest Pain/Pressure
Leukemia	Miscarriage	Heart Arrhythmia
Lymphoma	Electromagnetic Sensitivity	Heart Palpitations

Do you or your loved ones suffer from any of the symptoms listed above? If so, perhaps you have been told by medical professionals that your symptoms are due to COVID. Please do not accept what the medical establishment is telling you. You are experiencing symptoms of radiation sickness and the only way you will get truly well is if you choose to protect yourself from wireless radiation. This is the bottom line.

Although this fact does not get much publicity, many thousands of people around the world have already become sick from these alien frequencies and radiation. Some have developed a condition called "electrohypersensitivity" or "EHS". Dr. Yael Stein of Hebrew University-Hadassah Medical Center in Israel confirms that symptoms of EHS are now being blamed on COVID.

I am beginning to see publications presenting these EHS symptoms as '*Unexplained and previously unknown symptoms of COVID-19*': 'brain fog', memory deficits, migraines, muscle cramps, tinnitus.

While COVID-19 has its many specific problems and symptoms - THESE specific symptoms are EHS symptoms, and have nothing to do with COVID.<sup>1171</sup>

People with EHS become ill not only when exposed to wireless devices, but also when exposed to basic electrical appliances like refrigerators or stoves. Arthur Firstenberg explains:

Those of us whose injuries are so severe, so devastating that we can no longer ignore them, and who are lucky enough to figure out what has happened to us and why... for lack of a more acceptable term we call our injury 'electrical sensitivity,' or worse, 'electromagnetic hypersensitivity' (EHS), a travesty of a name for a disease that affects the whole world and everyone in it, a name as absurd as 'cyanide sensitivity' would be if anyone were foolish enough to apply such a name to those poisoned. The problem is that we are all being electrocuted to a greater or lesser extent, and because society has been in denial about that for more than two hundred years, we invent terms that hide the truth instead of speaking in plain language and admitting what is happening.<sup>1172</sup>

People with EHS are highly sensitive to dirty electricity which results from an electrical grid that is designed to accommodate 60 hertz of alternating current but is instead running millions and billions of hertz through the very same lines in order to accommodate smart meters, WiFi routers, cordless phones, solar WiFi modules, etc.

Dirty electricity is erratic spikes and surges of electrical energy traveling along power lines and building wiring

where only standard 50/60-Hertz AC electricity should be. Also called electrical noise, line noise, and power line EMI, it is one fast-growing source of electro-pollution in homes, schools, and businesses today.<sup>1173</sup>

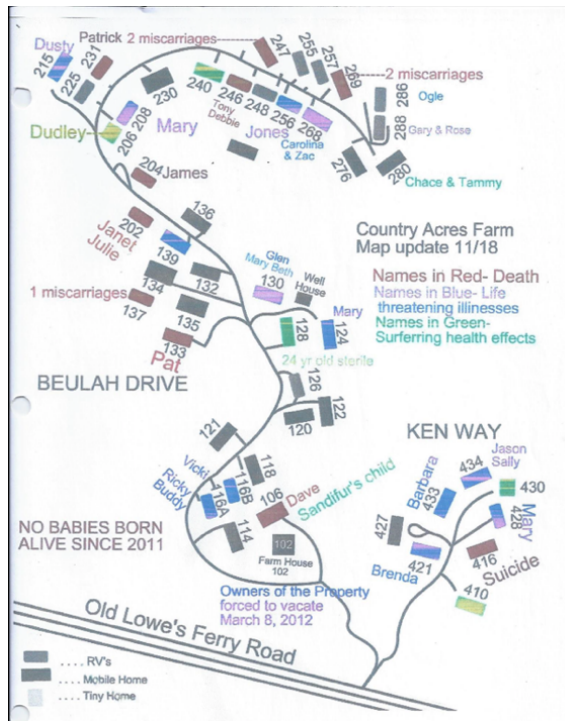
Computers, fax machines, copiers, and many other electronic devices...[are] putting tremendous amounts of high frequencies onto the power grid... The grid [is] designed to transmit only 60 Hz. It [can] no longer contain what [is] on it... The entire grid [is] being massively polluted.<sup>1174</sup>

Chaotic electrical transients and nasty harmonics are also being caused by solar inverters that are used to convert direct current (DC) from individual solar panels into alternating current (AC) used for the electric grid. These switching devices cause a tremendous amount of dirty electricity to be released on the lines and are responsible for making many people sick.<sup>1175</sup> Additionally, some solar companies, like Vivint Solar, actually use WiFi modules to run their “clean” and “green” technology.<sup>1176</sup> These modules pump 2.45/5 GHz of pulsed microwave radiation through the homes of people who make the mistake of signing up for solar energy. *The microwave pulses that are emitted by the Vivint WiFi module measure in the red* (according to my EMF meter), and these pulses occur at least once every few seconds—totaling several thousand, extremely dangerous microwave pulses per day. When these pulses are combined with the microwave pulses emanating from a smart meter (which also add up to many thousands per day and are in the red),<sup>1177</sup> homeowners are confronted with some of the most lethal technological weaponry ever designed. Each microwave pulse acts like a jackhammer on the nervous system, disrupting all electrical signaling of the body. In due time, microwave pulses will cause a breakdown in biological functioning and lead to sleep disorders, heart rhythm abnormalities, heart attacks, brain damage, memory loss, headaches, blood-brain barrier breakage, muscle cramps, skin rashes, respiratory issues, loss of balance, so-called “ringing in the ears” or tinnitus, and much more.<sup>1178</sup> Significantly, millions of people around the world have developed tinnitus from exposure to smart meters and/or the noxious frequencies now emanating from the grid. In Truth, this condition is not tinnitus at all, but rather a natural human ability to hear the harmonics and frequencies coming off the lines from the wireless devices that now surround us.

Today, about 44% of American adults suffer from tinnitus... These parasitic sounds are largely the result of living in a heavily polluted [environment] with all kinds of artificial electromagnetic fields.<sup>1179</sup>

Of course, when people are forced to listen to an alien, high-pitched, tortured screech 24/7, their sleep is interfered with, as is their psychological well-being. It is not surprising, then, that some are sent over the edge into debilitating microwave illness when a smart meter and/or solar energy system is placed on their home.<sup>1180</sup>

Below is a diagram documenting what happened in one small Tennessee community after smart meters were installed.



Source<sup>1181</sup>

Note the number of miscarriages, life-threatening illnesses and deaths that ensued after the installation of the meters. Note also there has not been a single live birth in the neighborhood since the meters were installed in 2011.

Keep in mind that in New York (and perhaps elsewhere), when solar panels are installed, a smart meter is also promptly installed in order to lock people into a mesh grid from which their private usage data can be harvested and sold off to the highest bidder. These “smart” technologies are 100% intrusive and designed to be a source of surveillance and weaponry. Every single smart device is intended to ensnare us in a rapidly expanding control system that will generate revenue for a chosen few while simultaneously destroying the lives of millions of innocent people, as well as pets, insects, birds, and more.

I have personally tested the RF emissions from the AMI meter and measured that the meter does not send data just a few times a day as the utilities publish. It actually sends an RF pulse about every 4-5 seconds constantly and a longer duration RF emission after midnight running about 3-5 minutes. There is no need for the AMI meter to send a pulse every 4-5 seconds all day just to synchronize and time stamp the clock inside the meter, the meter only needs to send data once a day for 3-5 minutes. All these pulse transmissions the AMI meter is doing is a complete waste of energy and because it is a short but frequently pulsing signal that is not needed to measure power consumption, it is creating needless health effects and is impacting consumers.<sup>1182</sup>

Significantly, now that Vivint Solar promotes itself as part of the “smart home” craze,<sup>1183</sup> it is receiving large amounts of funding to deploy its technology far and wide. Some of the funding is coming from unnamed financial sources—\$740 million in 2013,<sup>1184</sup> \$811 million in 2018,<sup>1185</sup> \$200 million in 2016,<sup>1186</sup> and \$37.5 million from the NY Green Bank in 2016—and that’s just to name a few. Vivint Solar is receiving all this funding despite the fact that it was acquired in 2012 by one of the wealthiest investment firms in the world—the Blackstone Group<sup>1187</sup>—with \$330 *billion* in assets.<sup>1188</sup> The Blackstone Group is obviously not in need of additional funding; however, the people that run the Blackstone Group appear to be experts at rounding up large sums of money while harvesting many of the financial assets of our world.<sup>1189 1190 1191</sup>

The technique that Vivint Solar has been using since the Blackstone acquisition to get people to sign up for their technology involves having customers agree to a 20-year contract in exchange for “free” solar panels. Some of these contracts are leaving the



title to people's homes in question<sup>1192</sup>—which is to be expected when they are signing people up at age 85!<sup>1193</sup> Naturally, many elderly people will die before their contract is up, and this conveniently leaves Vivint Solar with a stake in their homes.

Making matters worse is the fact that even younger customers may die or become extremely ill before their 20-year contract is up since radiation poisoning is likely to ensue thanks to the installation of Vivint's WiFi module operating in tandem with a radiation-emitting smart meter. Hence, what Vivint Solar is actually offering is a huge and deadly scam,<sup>1194 1195 1196 1197 1198</sup> with technologies that can slowly kill people and contracts that allow Vivint to claim a stake in people's homes.

Utah's Vivint Solar is named in a 17-count civil complaint, filed Thursday by New Mexico Attorney General Hector Balderas, that includes allegations of unfair business practices, fraud and racketeering... Vivint's actions in New Mexico have led to 'hundreds of clouded titles' to residents' homes, that the company employs 'high-pressure sales techniques and procedures designed to mislead consumers' and binds customers into 20-year contracts under which rates increase 'by over 72 percent' over the life of the agreement.<sup>1199</sup>

Not surprisingly, the Blackstone Group has, for decades, been gobbling up people's homes. During the U.S. housing crash that occurred between 2006 and 2012, Blackstone eagerly contributed to rendering people homeless while buying up their homes for pennies on the dollar.<sup>1200</sup> Now, thanks to the government-invented COVID crisis, Blackstone is at it again, seeking to siphon off the energy of the working class by purchasing up mobile-home parks that the economically challenged are likely to flock to as they begin to lose their homes once again.

A decade ago, Blackstone Group Inc. became America's largest landlord, purchasing tens of thousands of single-family homes during the foreclosure crisis. Now the private equity firm has spotted the next big opportunity as the virus-induced recession crushes the working poor, that is, betting on mobile-home parks.<sup>1201</sup>

The Blackstone Group (whose CEO, Steven Schwarzman, is a close associate of President Donald Trump)<sup>1202</sup> appears to be nothing

more than a vampire organization that syphons off the life force of hard working individuals for the benefit of the chosen few. Schwarzman's personal wealth is said to be \$18 billion dollars.<sup>1203</sup> Yet his organization has contributed hugely to the untold misery of countless people, and to the illnesses and deaths of thousands of innocent creatures including humans, animals, birds, insects, trees, plants, and more.

The bottom line is this—evil permeates the solar and microwave technology industries. These technologies are causing horrific harm by pumping huge amounts of pulsed microwave radiation, along with nasty harmonics and dirty electricity,<sup>1204</sup> into people's homes.<sup>1205</sup> The result is a growing number of people developing EHS and/or microwave illness—both of which are biologically appropriate responses to lethal environmental toxins<sup>1206</sup> that can cause death.

Radiofrequency/Microwave Sickness is the topic of numerous Soviet and U.S. military papers. Its existence is also acknowledged by the... American Academy of Environmental Medicine, European Academy for Environmental Medicine, and The Austrian Medical Association. The FDA should have established biologically-based, population-protective radiofrequency microwave exposure limits... [Its] regulatory negligence [has played] a direct role in the increasing incidence [of radiation illness which] the FDA denies the existence of.<sup>1207</sup>

Dr. Magda Havas, et al., studied people with radiation illness/EHS<sup>1208</sup> and found that the FCC-approved 2.4 GHz frequency currently being emitted by cordless phones (and also by cell phones, baby monitors, smart meters and WiFi modules) can quickly trigger cardiac abnormalities in some sensitive people.

The heart rate of subject B increased from a resting heart rate of 68 beats per minute (bpm) to a rapid 122 bpm during exposure, decreased to 66 bpm as soon as the radiation was stopped, and increased to 129 bpm when it was resumed. This reaction occurred while the subject was resting in a supine position and was unaware of when he or she was or was not exposed... Subject C (Figure 6) experienced a slight increase in heart rate (from 65 to 86 bpm), an irregular heartbeat, and changes in the response of the sympathetic and parasympathetic nervous system (SNS and PNS, respectively). This upregulation of the SNS

and downregulation of the PNS is an example of the 'fight-or-flight' response, indicating physiologic stress. During periods of this type of stress, the body redirects most of the blood and energy from the internal organs to the arms and legs to prepare the organism for fighting or fleeing a stressful situation. Intermittent exposure may not cause a problem but if the exposure is continuous and long-term, the immune system of the body will be compromised and the body will not be able to repair itself, resulting in symptoms that are commonly experienced by those who are electrically hypersensitive. This inability to heal is what then accelerates the symptoms of aging (i.e., [rapid aging syndrome or] RAS)<sup>1209</sup>

People who lived closest to the antennas experienced the following symptoms more often than those who lived further away: fatigue, sleep disturbance, headaches, feeling of discomfort, difficulty concentrating, depression, memory loss, visual disruptions, irritability, hearing disruptions, skin problems, cardiovascular problems, dizziness, loss of appetite, movement difficulties, and nausea... The difference between real aging and [rapid aging syndrome]...is that when these people go into an electromagnetically clean environment, many of their symptoms diminish or disappear. Obviously, this does not happen with real aging.<sup>1210</sup>

Radiation-induced rapid aging was described more than a half-century ago by mathematician and medical researcher Rosalie Bertell, who—in the early 1960s—stated:

Low-level radiation, the level of ordinary chest X-rays, or dental X-rays, accelerates the aging process... By using X-rays, we were increasing leukemia by accelerating body breakdown... An X-ray in the abdominal area, where it really hits the major blood-forming organs of the pelvic arch, ages us at the rate of about one rad, one year. One spinal X-ray is about one rad, and that's equivalent to one-year natural aging... If the radiation is chest area or even upper thigh, one rad is about six-tenths of a year. You're not hitting as much of the bone marrow, apparently. Then I learned that if you had dental X-rays, and X-rays of arms and legs, which are again less bone marrow exposure, one rad was equivalent to about a quarter of a year. This was a measurable health effect.

There's been a campaign since 1951 to convince the public that low-level radiation is harmless... People have a right to know what's happening to human health... The patriotic thing to do is to get it all out into the open. Let people know what's happening.<sup>1211</sup>

Indeed. But when Bertell stumbled on this information, it rocked her to her core. Until that time, she had believed all the lies about “low-level” exposure to manmade radiation being safe, and it came as a total shock to her to discover that this radiation was contributing to escalating rates of leukemia and other illnesses.<sup>18</sup>

Dr. Bertell said it became obvious to her and her colleagues that the radiation exposure from diagnostic medical X-rays was the culprit. This finding took her by surprise, since everyone had been told for decades that low levels of radiation were harmless.<sup>1212</sup>

Bertell’s research findings put a kink in the intricate web of lies that had been previously woven by the medical radiation establishment. Not surprisingly, her research funding was promptly terminated by the National Cancer Institute at the behest of the Department of Energy. The study (known as the Tri-State Leukemia Study)<sup>1213</sup> was then redirected to pro-nuclear sources that were more likely to conjure up “results” that aligned with the radiation establishment’s wishes.<sup>1214</sup>

Control over the scientific establishment was maintained by allocating research funds in such a way as to ensure that only “approved” projects—that is, projects that would not challenge the [status quo]—would be undertaken. Scientists who persisted in publicly raising the issue of harmful effects from any portion of the electromagnetic spectrum were discredited, and their research grants were taken away.<sup>1215</sup>

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<sup>18</sup> Rosalie Bertell also revealed the true purpose of solar technologies. She said: “*The Department of Energy has a mandate from Congress to develop weapons systems. They have three programs for energy: the nuclear, which is a front for the atomic bomb; fusion, which is a front for the hydrogen bomb; and the new solar-powered satellites; which are a front for the particle beam, laser, and microwave weapons of the future.*” See Dr. Rosalie Bartell, *Nuclear Witnesses, Insiders Speak Out*, 1982, Chapter 2, by Leslie J. Freeman, 1981, by W W Norton & Company, as posted at <https://ratical.org/radiation/inetSeries/nwRB.html>.

Scientists who have shown such effects over the years have been silenced, had funding taken away, been laughed at, been called charlatans and con men. The goal was to only let in scientists who would say, 'We know that microwave ovens can cook meat, and that's all we need to know.' One veteran EPA physicist, speaking anonymously, told me, 'The Department of Defense didn't like our research because the exposure limits that we might recommend would curtail their activities.'<sup>1216</sup>

Despite what Bertell and other scientists were forced to endure, research continued, and Bertell's findings about radiation-induced rapid aging are, to this day, still viable. Because of exposure to lab-created radiation, life expectancy in western nations is decreasing rapidly and premature aging has become ubiquitous in our world.<sup>1217</sup>

In the last few years, life expectancy is not growing anymore, it's regressive... It's going downhill and it's going downhill rapidly, meaning many people... will outlive [their] own children.<sup>1218</sup>

Our collective gene pool of life, evolving for hundreds of millions of years has been seriously damaged in less than the past fifty. The time remaining to reverse this culture of "lemming death" is on the wane.<sup>1219</sup>

Radiation-induced rapid aging<sup>19</sup> is contributing to the premature death of millions of innocent people (as well as insects, birds, fish, and animals).<sup>1220 1221 1222</sup> It is also very likely to be the driving force behind the childhood disease called "progeria" (also called Hutchinson-Gilford syndrome) in which children age approximately 8-10 years for every one year of their lives.<sup>1223</sup>

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<sup>19</sup> Please note - ultrasonic radiation is known to induce rapid aging in a variety of substances. For example, in an article entitled "*Ultrasound Ages Liquor Two Years in Just Three Days*," (PBS.org, Feb 6, 2017), it is stated that: "*Spanish researchers shot a river of brandy through a bed of American oak chips and blasted the mix with ultrasound for three days... The accelerated aging is brought about thanks to ultrasound-induced cavitation in the oak chips, where small bubbles formed by the sound waves 'explosively collapse,' blasting the wood's tissues and releasing compounds that add distinctive flavors to the liquor.*"



Child with progeria<sup>1224</sup>

This sad condition, which primarily affects white children,<sup>1225</sup> is characterized by growth retardation starting in infancy and an inability to thrive.<sup>1226</sup> The children suffer from an abnormally shaped head, a weakened heart, hearing loss,<sup>1227</sup> and a rapidly deteriorating bone structure—all of which are signs of radiation damage and can be triggered by exposure to ultrasonic irradiation *in utero*. The children also suffer from partial or total alopecia (hair loss), including loss of eyelashes and eyebrows, as well as itchy, peeling, very thin skin through which their veins are visible. Again, these are clear signs of radiation poisoning.<sup>1228 1229 1230</sup> Children with progeria typically die at age 13-14 from heart disease or stroke—another clear indicator of radiation damage.<sup>1231 1232</sup>

So how is it possible that the medical profession has failed to make the connection between progeria and radiation exposure *in utero*? Does it not seem strange that a “novice” medical researcher like myself can easily see what is glaringly obvious, but the “learned elders” of the medical profession cannot? Or is it possible they have known all along what is causing this disease and have chosen to keep the information under wraps so that “they” (the medical/telecom/radiation cartel) can continue unabated with their relentless radiation assault against the masses, while simultaneously using these children as guinea pigs to study the results of their handiwork?

You make the call. But please note that while the medical establishment affirms that progeria is a genetically driven disease, progeria is *not* inherited from parents.<sup>1233</sup> Similar to Treacher Collins syndrome, progeria is caused by a new, or *de novo*, mutation that can be the result of mutations in the sperm or egg of a parent.<sup>1234</sup>

Unlike many genetic mutations, progeria isn't passed down in families. Rather, the gene change is a chance occurrence that researchers believe affects a single sperm or egg just before conception. Neither parent is a carrier, so the mutations in the child's genes are new (de novo).<sup>1235</sup>

Of course, de novo mutations are *not* triggered by "chance," as the medical establishment would like us to believe, but by parents being chronically exposed to radiation from wireless devices and/or from medical radiation exposure. Because of chronic parental exposure to radiation, children are being created from irradiated sperm and egg. Naturally, we can expect to see increasing numbers of children with new, or *de novo*, mutations. Complicating the matter further is the medical establishment's penchant for exposing developing babies to ultrasonic irradiation, often very early in pregnancy, increasing the chances that the children will develop new, or *de novo*, mutations.

Classical Hutchinson-Gilford Progeria Syndrome is usually caused by a sporadic mutation taking place during the early stages of embryo development... A 2003 report in *Nature* said that progeria may be a de novo dominant trait. It develops during cell division in a newly conceived zygote or in the gametes of one of the parents.<sup>1236</sup>

Mutation in a cell in the gonads that gives rise to a spermatozoon or an egg (ovum), will be passed on to a clone of sperms or eggs and one of these may take part in fertilization so that the mutation is passed on to every cell in the body of the future individual, including the germ cells.<sup>1237</sup>

Progeria is a rare, fatal genetic condition that produces rapid aging in children... A single mistake in a certain gene causes it to make an abnormal protein. When cells use this protein, called progerin, they break down more easily. Progerin builds up in many cells of kids with progeria, causing them to grow old quickly.<sup>1238</sup>

Interestingly, the renegade protein found in the cells of children with progeria is said to cause the nucleus of cells to become "*unstable*."<sup>1239</sup>

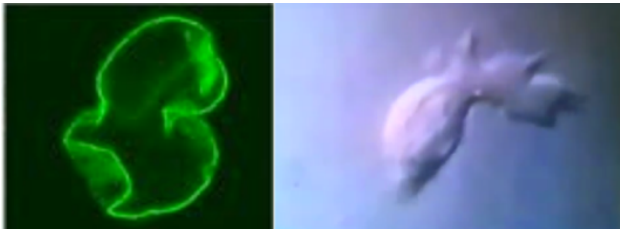
The mutation causes a protein to be produced that makes the nucleus of cells become unstable.<sup>1240</sup>

The defective gene makes a cellular nucleus unstable. When it is not stable... the cells are more likely to age early and die young.<sup>1241</sup>

The term "unstable" was discussed earlier in this book and relates to the ionization of atoms.<sup>1242 1243</sup> So when medical scientists speak of a cell nucleus becoming unstable, I cannot help but wonder whether this means that the children's cells have become ionized. If so, radiation exposure must be the cause.

Ionization is the disruption of an atom or molecule by strong electromagnetic energy, causing the ejection of electrons from the material. The resultant atom or molecule is electrically unbalanced... Such ionized molecules are chemically very active and produce abnormal chemical reactions that are damaging to cells.<sup>1244</sup>

Below is an image of the "unstable" nucleus of a child with progeria (left) that looks eerily like a mirror image of cells that were deformed after a single exposure to ultrasound (right).



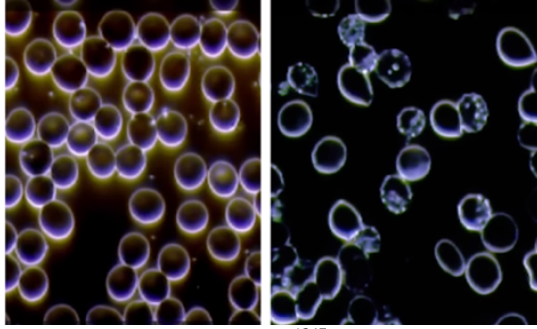
Source<sup>1245</sup>

**Significantly, a single exposure to pulsed diagnostic ultrasound has been documented to cause morphological changes in the nucleus of cells.** Hence, there can be no doubt that ultrasound is contributing to at least some of the nuclear deformations we are seeing in children with progeria.

Both morphological and immunological changes can be demonstrated in the nucleus after pulsed ultrasound.<sup>1246</sup>



Of course, ultrasonic radiation is not the only type of radiation that is causing cellular and nuclear deformations. Below are images of normal blood cells before (left) and after (right) exposure to microwave radiation from a smart meter.



Source<sup>1247</sup>

**Note that some of the cells have become deformed after only two minutes of smart meter exposure.** Additionally, several of the cells exhibit broken cell walls and other forms of radiation damage. Although it is not clear whether the DNA of these cells has been damaged or whether the nuclei of the cells may have been damaged as well, what is clear is that exposure to any form of lab-created radiation will cause significant damage to cells.

These cell mutations can trigger a disturbance in the transport of calcium ions across membranes,<sup>1248 1249 1250</sup> which can lead to neurodegenerative disease and cause significant communication difficulties between the spiritual life force that animates our bodies and the physiology necessary for the continuation of life.

Exposure to lab-created radiation can also trigger the production of renegade proteins like the one found in children with progeria (i.e., progerin).

In a 2016 article, Jerry Phillips, PhD explained how living cells react to RF radiation: *'Suddenly important proteins are being expressed at times and places and in amounts that they shouldn't be, and that has a dramatic effect on the function of the cells. And some of these changes are consistent with what's seen when cells undergo conversion from normal to malignant.'*<sup>1251</sup>

Progeria was first described in 1886, or precisely the same year scientists started toying with manmade electromagnetic waves.<sup>1252</sup> Heinrich Hertz first experimented with manmade electromagnetic waves in 1886.<sup>1253</sup> Philipp Lenard was advancing his study of cathode x-ray tubes and atomic theory about the same time.<sup>1254</sup> These early findings were later plagiarized by Einstein,<sup>1255 1256</sup> who was a charlatan and a morally bankrupt fraud.<sup>1257 1258 1259</sup> It was through the theft and bastardization of these earlier works that early discoveries would come to be transformed into some of the most lethal and demonic weaponry the world has ever known.

Still, the question remains as to whether the earliest cases of progeria were a result of parents and/or children coming into contact with the newly discovered x-rays (and/or manmade electromagnetic waves) and whether exposure to manmade radiation—both ionizing and non-ionizing—is the driving force behind this very sad disease. To me, the answer is obvious. Progeria is caused by *in utero* exposure to lab-created radiation, including ultrasonic irradiation, and/or from parental germ cell exposure to any and all types of lab-created radiation.

Not coincidentally, early-onset Alzheimer's disease was also first described around the turn of the century with the emergence of manmade electromagnetic waves and x-rays.

Hertz began experimenting in 1886 and 15 years later in 1901, Dr. Alzheimer observed a patient at the Frankfurt Asylum named Auguste Deter. The 51-year-old patient had strange behavioral symptoms, including a loss of short-term memory. This patient would become his obsession... In April 1906, Mrs Deter died and Alzheimer had the patient records and the brain which led to the first 'presenile dementia' case to be discovered... It is the first known case of early-onset Alzheimer's disease, family accounts place her symptoms beginning in 1890, and today we know that was after 4 yrs of on and off exposure to unnatural man-made electromagnetic radiation.<sup>1260</sup>

Alzheimer's and dementia may be triggered, in part, by a breakdown in the blood-brain barrier (BBB).<sup>1261 1262</sup> Dr. Leif Salford and others have shown that exposure to microwave radiation (including cell phone radiation) can cause both a leakage of the BBB and a degeneration of neurons.

We have previously shown that weak pulsed microwaves give rise to a significant leakage of albumin through the blood-brain barrier. In this study, we investigated whether a pathologic leakage across the blood-brain barrier might be combined with damage to the neurons... We found highly significant evidence for neuronal damage in the cortex, hippocampus, and basal ganglia in the brains of exposed rats.<sup>1263</sup>

In a study published in 1975... Frey reported that microwaves pulsed at certain modulations could induce 'leakage' in the barrier between the circulatory system and the brain. Breaching the blood-brain barrier is a serious matter: It means the brain's environment, which needs to be extremely stable for nerve cells to function properly, can be perturbed in... dangerous ways.<sup>1264</sup>

Distinguished neurosurgeon Leif Salford... found that just two hours of ordinary cellphone radiation caused massive brain damage in rats, through leakages of toxins across the blood-brain barrier. Salford was warning as far back as 2000 of "teen dementia" in children who used cellphones excessively. This is now called "digital dementia" in South Korea.<sup>1265</sup> <sup>20</sup>

Not only does radiation from a cell phone damage the blood-brain barrier, but it does so even when the exposure level is reduced a thousandfold. Even more disturbingly... the damage to the blood-brain barrier worsened when the experimenters reduced the exposure level. This implies that SAR ratings for cell phones may be worthless and that it may not be possible to make cell phones safer by reducing their power. In laboratory rats, Salford's team has demonstrated that blood-brain barrier leakage occurs after only two minutes of exposure. Further, a single two-hour exposure to a cell phone, even at reduced power, was shown to damage or destroy up to two percent of an animal's brain cells. In other experiments in Salford's laboratory, long term exposure

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<sup>20</sup> Incidentally, South Korea (like much of the rest of the irradiated western world) is suffering from a severe fertility crisis and is now offering parents \$740 monthly "baby payments" to encourage more births. See [bloomberg.com/news/articles/2022-08-31/korea-to-triple-baby-payments-in-bid-to-tackle-fertility-crisis](https://www.bloomberg.com/news/articles/2022-08-31/korea-to-triple-baby-payments-in-bid-to-tackle-fertility-crisis)

of rats to a cell phone caused memory impairment, and a single six-hour exposure at extremely low power levels caused genetic damage. Exposure to a low-frequency magnetic field (low frequencies are also emitted by cell phones) caused disturbances of calcium transport in cells. Salford has called the use of cell phones by human beings *'the largest biological experiment ever,'* and he calls the potential implications of his laboratory results *'terrifying.'* *'Those who might normally have got Alzheimer's dementia in old age could get it much earlier,'* he said.<sup>1266</sup>

Not surprisingly, ultrasonic irradiation can also weaken and cause perforations in the BBB<sup>1267 1268</sup> and, in fact, ultrasound is being used to deliberately open the BBB so that extremely toxic drugs can be delivered straight into the brain.

If you station a battalion of microbubbles at the barrier and hit them with a focused beam of ultrasound, the tiny orbs begin to oscillate. They grow and grow until they reach the critical size of 8 microns, and then, like some Grey Wizard magic, the blood-brain barrier opens—and for a few hours, any drugs that happen to be in the bloodstream can also slip in. Things like chemo drugs, or anti-seizure medications. This is both super cool and not a little bit scary. Too much pressure and those bubbles can implode violently, irreversibly damaging the barrier.<sup>1269</sup>

Meanwhile, according to a recent segment of *60 Minutes*, scientists at the NIH found that children who spend two hours a day exposed to EMF screens scored lower on memory and language tests.<sup>1270</sup> Nine-to-ten-year-olds who spent seven hours a day using devices like cell phones and tablets developed a thinning of the cortex.<sup>1271</sup> What this means is that the children's brains had undergone premature aging that the media referred to as "maturing." These same talking heads tried to make light of this very disturbing finding by commenting on how "*fascinating*" it is. And indeed, it is fascinating that these brain-damaging weapons of mass destruction are being put in the hands of children while the mainstream media show barely a concern.

The fact is, our children's brains are being cooked by this radiation, causing their brains to shrivel up like bacon.

People under the influence of Linky (smart meters) and/or 5G... their brain becomes burnt. All (250) of them, without exception, showed signs of a burnt brain.<sup>1272</sup>

The loss of cortical brain tissue so early in life can result in a predisposition to early-onset Alzheimer's and/or dementia, which is a growing epidemic amongst young people.

Between 2013 and 2017, early-onset dementia and Alzheimer's diagnoses increased by 83% among commercially insured Americans aged 30 to 44.<sup>1273</sup>

Dr. Ken Sharlin has suggested that 200,000 Americans today are the victims of early-onset Alzheimer's disease.<sup>1274</sup> This debilitating and deadly disease includes the condition known as *posterior cortical atrophy*,<sup>1275</sup> which involves the "gradual and progressive degeneration of the outer layer of the brain (the cortex)." Naturally, the *60 Minutes* segment makes no mention of this Alzheimer's threat, although others have had the courage to bring this issue forward.<sup>1276</sup>

We know from animal experiments that with the levels of radiation that are allowed by the FCC, you can irreversibly change the structure of the brain in animals, so we have to imagine that this can happen in children.<sup>1277</sup>

Yet, despite the very clear and present danger to the health of children's brains and lives, the Commissioner to the FCC, Jessica Rosenworcel, nevertheless has insisted that we must "*Leave No Child Offline*!"<sup>1278</sup> And this despite the fact that psychologists are now discussing a new memory disorder occurring in both children and young adults that they refer to as "digital dementia!"<sup>1279</sup>

Teens and youngsters in South Korea...are increasingly showing signs of digital dementia. Dementia is an age-related disorder that typically affects the brain and leads to the deterioration of memory and concentration. The elderly who are diagnosed with dementia are forgetful and find it extremely difficult to recall the simplest of things, like phone numbers, contact information, and names of people... These symptoms of cognitive decline are observed in teenagers and youngsters in their 20s and 30s. Researchers have coined a new term for this early occurrence of dementia - digital dementia. Digital

dementia that strikes youngsters has been attributed to the excessive use of smartphones. Teens and youngsters who spend a lot of time sitting in front of computers and television sets and play a lot of digital games are increasingly showing signs of young-onset dementia. Excessive use of digital technology seems to be damaging the brain and causing temporary memory loss among youngsters. The addiction of the young generation to smartphones is appearing to negatively affect the part of the brain that regulates memory, concentration, and attention span.<sup>1280</sup>

The extensive brain damage that can be caused by exposure to non-ionizing technologies was outlined in a review of current research on the effects of radiofrequency radiation.

The emitted radiofrequency radiation [from cell phones] has been shown to have many effects upon the brain: e.g., alterations of cognitive functions, gene expression alterations in cerebellum, cortex and hippocampus, changes of neurotransmitter levels... and effect on brain waves as determined by electroencephalography-EEG... Studies also indicate that long term exposure increases the risk of not only acoustic neuroma, but also malignant glioblastoma multiform for mobile phone use longer than 10 years.<sup>1281</sup>

Developing babies and children are often hit the hardest by this radiation, as the following quotations will confirm.

Microwave currents flowing through a pregnant woman infiltrate uterine amniotic fluids with radiation documented to damage DNA... Especially vulnerable to wireless radiation are the precious fetal stem cells which cannot adjust to microwave abuse, nor can they repair damage to their DNA. Recent data suggests that epigenetic mutations in stem cells have a connection to the development of human cancers. Fetuses exposed to any kind of radiation capable of damaging DNA have a highly increased risk of later developing cancer, the number one disease killer of US children.<sup>1282</sup>

Typical exposures to microwave radiation can cause disruption of normal brain development in fetuses, neurological and cognitive problems, heart abnormalities

and oxidative stress that can lead to the development of cancer.<sup>1283</sup>

The fetus is particularly vulnerable to MWR [microwave radiation]. MWR exposure can result in degeneration of the protective myelin sheath that surrounds brain neurons.<sup>1284</sup>

The bone marrow in a child's skull absorbs microwave radiation at a level 10 times greater than that of an adult. In addition, a child's eyes absorb higher levels of microwave radiation than adults.<sup>1285</sup>

Microwave radiation damages the blood-brain barrier. Similar mechanisms protect the eye (the blood-vitreous barrier) and the fetus (the placental barrier), and the work of [Allan] Frey and others indicates that microwave radiation damages those barriers also. The implication: No pregnant woman should ever be using a cell phone.<sup>1286</sup>

Children's exposure to elevated levels of electromagnetic radiation can result in incomplete or problematic development of the brain and is possibly associated with the significant and continuous increase in the percentage of children who have hyperactivity, attention deficit, pervasive developmental disorder or autistic spectrum disorders... aggression, psychological problems, etc.<sup>1287</sup>

Radiation from wireless devices is capable of interfering with the tiny electrical impulses that help synapses connect in a developing brain... The brains of laboratory mice exposed to pulsed radio frequency radiation *in utero* were wired differently from those of the mice who were not exposed, resulting in behavioral differences that include poorer memory and symptoms that resemble ADHD in children.<sup>1288</sup>

Children who were exposed to more than two hours of screen time per day were...over 7x more likely to meet the criteria for attention deficit hyperactivity disorder.<sup>1289</sup>

There are clear indications of a link between increased electromagnetic fields and autism spectrum disorders... We took 10 autistic children and went back to where the mother was sleeping when she was pregnant with that

child and compared it with the sleeping location of the mother that gave birth to healthy children... and in the group of the autistic children, we found that the measurements we got for the microwave exposure were elevated [more than 20x higher RF exposure] compared to the group of children that were normal. The fetus is affected. The exposure to manmade electromagnetic fields has become the first factor that could be isolated ever, in autism – that could predict autism.<sup>1290</sup>

As we would expect, exposure to ultrasonic irradiation is also being linked to various forms of brain damage and autism.

A U.S. study found an apparent link between multiple second-trimester ultrasound exposure of girls and autism... Animal studies show that ultrasound can both damage cells and alter their migration, creating the patterns observed in autistic brains.<sup>1291</sup>

The coronal sections of the dorsal hippocampus showed a decrease in the number of neurons... These results demonstrate that exposure of the fetal mouse to ultrasound...can significantly impair brain function.<sup>1292</sup>

In newborn rats (who are at a similar stage of brain development as humans at four to five months in utero), ultrasound can damage the myelin that covers nerves, indicating that the nervous system may be particularly susceptible to damage from this technology.<sup>1293</sup>

There was a noticeable impairment in both locomotor and learning behavior even after a 10 min exposure, which further increased with increases in exposure time. The present study demonstrates the neurotoxicity of diagnostic ultrasound and the high susceptibility of early fetal brain to induction of lasting detrimental changes by ultrasound exposure.<sup>1294</sup>

Research shows populations exposed to ultrasound have... increased rates of brain damage nerve cell demyelination, dyslexia, speech delays, epilepsy, and learning difficulties.<sup>1295</sup>

In fact, radiation exposure is causing so much damage to children, a recent Australian article announced that "***schools must***



***prepare for 50 per cent rise in students with disabilities,***<sup>1296</sup> yet nary a question was raised about what is causing children to become so damaged! Instead, the entire article focused on how schools can possibly handle the deluge while a more appropriate focus would be what we can do to stop it.

Despite alarm bells going off everywhere and decades' worth of scientific studies confirming that non-ionizing technologies, including ultrasound, are causing extreme and devastating harm, the fact remains that pregnant women are still acquiescing to multiple prenatal ultrasound scans, while driving around in highly microwaved vehicles<sup>1297</sup> and chattering away on their cell phones and/or wireless Bluetooth communication devices. Infants and young children are being left at home to be guarded by wireless baby monitors, while WiFi routers and cordless phones silently blast pulses of microwave radiation into the home 24/7. Smart meters are also at the ready to wirelessly read and transmit everyone's data back to the utility company, and the data can then be sold by the utility company to generate revenue above and beyond what the delivery of electric, gas, water, etc. brings in.<sup>1298</sup> As mentioned earlier, smart meters transmit thousands of microwave pulses per day<sup>1299 1300</sup> into people's homes, and the radiation is then broadcast through all the electrical wiring of the house<sup>1301</sup> because the meters are often not grounded.<sup>1302</sup>

A California utility disclosed that the average number of radio frequency pulses from their smart meters were about 14,000 a day and the maximum would be more than 190,000 pulses a day. That is from just one meter!<sup>1303</sup>

The insanity of all of this cannot be overstated.

Never before in history have humans been so cleverly induced to slowly exterminate themselves—and happily pay big money for the privilege.<sup>1304</sup>

Runaway advanced technology and its wide public acceptance, including wireless, is symptomatic of a nearly subliminal societal mental illness, or collective psychospiritual imbalance.<sup>1305</sup>

Our DNA is being increasingly made to become obsolete...through an increasing wireless infrastructure of, cell masts, towers, WiFi access points, smart meters,

smart phones, smart pills, wireless printers, smart refrigerators, smart TV's, smart toothbrushes, smart bras, smart condoms, smart tampons, smart diapers, smart dolls, smart watches etc. As a direct result, there is an explosion of illness today being ignored.<sup>1306</sup>

Americans have become so addicted to, and hypnotized by, their mind control technologies that Russian President, Vladimir Putin, was prompted to make the following comment:

We do not need to go to war with America. America is committing collective suicide by the way they are using electricity. We just have to wait until they are all in the psychiatric hospital.<sup>1307</sup>

Neuropsychiatric effects from EMF radiation have been well-documented,<sup>1308 1309</sup> and include sleep disturbances, insomnia, fatigue, headache, inability to concentrate, cognitive dysfunction, dizziness, vertigo, memory loss, restlessness, tension, anxiety, stress, agitation, irritability, depression, and suicide.<sup>1310</sup>

We know now, from thousands and thousands of peer-reviewed published studies, that microwave radiation injures the human body and human cells at a tiny fraction of what it takes to raise the temperature of your body... It shows a grim inventory of injuries connected to Wi-Fi, including oxidative stress, sperm and testicular damage, cell damage, DNA damage, and neuropsychiatric damage. The neuropsychiatric damage can be so powerful that it can be read almost immediately on EEGs in children, and those effects do not disappear after you withdraw the radiation.<sup>1311</sup>

We have a surprising consistency of apparent neuropsychiatric effects of different fields, including various occupational exposures and exposures to cell/mobile phone base stations, exposure to the phones themselves, exposure to smart meter pulses, and other EMFs... Because non-thermal EMF exposures produce widespread changes in brain structure and function in animals, it is not surprising that the neuropsychiatric symptoms, which are produced as a consequence of brain dysfunction are produced by such EMFs.<sup>1312</sup>

A team of scientists...examined people who, because of their employment, are forced to expose themselves to strong electromagnetic fields. It has been confirmed that in time they develop different kinds of neuroses and psychic dysadaptation.<sup>1313</sup>

In 2013, The National Institute of Mental Health announced that at least 25% of 13-18 year olds were set to experience some type of anxiety disorder.<sup>1314</sup> In the decade leading up to 2013, ADHD diagnoses in children rose 53%.<sup>1315</sup> Study after study has shown that exposure to microwave radiation in the frequency range used for cell phones can cause neuronal changes,<sup>1316</sup> <sup>1317</sup> anxiety behaviors,<sup>1318</sup> <sup>1319</sup> and early onset neurodegenerative disease.<sup>1320</sup>

Symptoms of retarded memory, learning, cognition, attention, and behavioral problems have been reported in numerous studies and are similarly manifested in autism and attention deficit hyperactivity disorders, as a result of EMF and RFR exposures where both epigenetic drivers and genetic (DNA) damage are likely contributors.<sup>1321</sup>

Sickeningly, while members of the "deep state,"<sup>21</sup> working in cahoots with agents of the FDA (Fraud and Death Administration),<sup>1322</sup> the AMA (American Murder Association),<sup>1323</sup> and the FCC (Federal Cancer Causers),<sup>1324</sup> have systematically conspired to promote the saturation of our bodies, schools, workplaces, and neighborhoods with increasingly dangerous levels of RF/EMF radiation, they have known all along of the extreme harm this will cause. Almost a half-century ago (1971), a U.S. Naval medical report listed the following effects of radiofrequency and microwave radiation.

*Psychological Disorders*...including depression, anxiety, impotence, increased irritability, chest pain, tremor of hands, and much more.

*Heating of Organs* including genitalia (tubular degeneration of testicles).

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<sup>21</sup> The term "deep state" as used herein refers to those who control the U.S. government, military, medical establishment, and media, along with the Federal Reserve and the entire financial power structure of our world.

*Changes in Physiological Function* including decreased spermatogenesis (decreased fertility to sterility), altered sex ratio of births (more girls), altered menstrual activity, altered fetal development, and decreased lactation in nursing mothers.

*Central Nervous System effects* including headaches, insomnia, cranial nerve disorders, seizures and convulsions.

*Autonomic Nervous System effects* including neuro-vegetative disorders (e.g., alteration of heart rhythm), structural alterations in the synapses of the vagus nerve, stimulation of parasympathetic nervous system (bradycardia) and inhibition of the sympathetic nervous system.<sup>1325</sup>

The above represents only a very small sampling of what the U.S. Naval Report included. The Russian National Committee on Non-Ionizing Radiation Protection has additionally listed the following health effects with respect to children and teenagers exposed to microwave radiation from cell phones:

- 85% increase in central nervous system disorders
- 36% increase in epilepsy
- 11% increase in mental retardation
- 82% increase in blood immune disorders and Risk to Foetus<sup>1326</sup>

More recently (2016), federal scientists with the National Toxicology Program reported the development of gliomas (brain tumors) and heart schwannomas (heart tumors) in rodents that were chronically exposed—from the womb to grave—to RF radiation at levels roughly emulating the exposure to humans with heavy cell phone use.

The findings, which chronicle an unprecedented number of rodents subjected to a lifetime of electromagnetic radiation starting in utero, present some of the strongest evidence to date that such exposure is associated with the formation of rare cancers in at least two cell types in the brains and hearts of rats... Some of the rats had glioma—a tumor of the glial cells in the brain—or schwannoma of the heart... In contrast, none of the control rats—those not

exposed to the radiation—developed such tumors... In prior epidemiological studies of humans and cell phone exposure, both types of tumors have also cropped up as associations.<sup>1327</sup>

Results of the comet assay [from the NTP study] showed significant increases in DNA damage in the frontal cortex of male mice, leukocytes of female mice, and hippocampus of male rats.<sup>1328</sup>

In addition to increased cancers, the NTP study also reported that prenatally exposed animals produced offspring with lower birth weights and evidence of genetic damage.<sup>1329</sup>

In usual form, the FDA moved swiftly to downplay the results from this study<sup>1330</sup> while reaffirming the bold-faced lie that there is no link between cellphone radiation and cancer.<sup>1331 1332 1333 1334</sup>

FDA releases statement distorting and minimizing the significance of a landmark study...which found Clear Evidence that wireless nonionizing radiation causes brain cancer, heart cancer and DNA damage.

What most people do not understand is that THE FDA DOES NOT DO SAFETY TESTING OF WIRELESS DEVICES BEFORE THEY ARE RELEASED ONTO THE MARKET EXPOSING MILLIONS OF PEOPLE. The FDA does not do post market safety surveying to see how heavy users are developing more cancer and neurological disorders like they do with drugs and medical devices. We are seeing a dramatic increase in brain tumors in the three areas of the brain that get the most radiation from cell phones: frontal lobe, temporal lobe, and cerebellum. The Italian Supreme court has already ruled that cell phones can cause brain cancer.

*'Action must be taken to protect our population and minimize our exposure to carcinogenic wireless radiation; obviously the FDA is shirking their responsibility to protect us... This is unacceptable and the FDA should be held responsible for the unnecessary sickness and death caused by harmful wireless radiation exposure,'*

insists Kevin Mottus, President of US Brain Tumor Association.<sup>1335</sup>

Despite the FDA's deliberate attempt to undermine the findings of the NTP study,<sup>22</sup> the results were nevertheless to be expected. The 2010 Interphone study released similar findings.

The heaviest cell-phone users were 80 percent more likely to develop glioma... Individuals who had owned a cell phone for 10 years or longer saw their risk of glioma increase by nearly 120 percent.<sup>1336</sup>

Significantly, research indicates that glial cells may actually be at the root of human consciousness. Glial cells make up approximately 90% of all cells in the brain, and those called astrocytes are responsible for modulating neurons<sup>1337</sup> Astrocytes are found in large numbers in the human cortex and help to maintain the integrity of the blood-brain barrier.<sup>1338</sup> They are intimately involved with calcium signaling<sup>1339</sup> which is crucial for cellular health and proper electrobiological functioning<sup>1340</sup> and being deliberately interfered with by nefarious forces<sup>1341 1342</sup> as mentioned several times in this book.

Astrocyte glial cells are immersed in cerebrospinal fluid,<sup>1343</sup> which is thought by some to be the seat of the soul.<sup>1344</sup> Both astrocytes and the prefrontal cortex play an important role in human spirituality.

This doctor explained that the frontal lobe of the brain is...the part of the brain where God communicates with man. Anything that affects the frontal lobe, whether it be through chemical or mechanical means such as a trauma...would affect and cut off the line of communication between God and man.<sup>1345</sup>

People with habitual spiritual practices show cortical thickening in the prefrontal cortex... Individuals who live with chronic depression experience cortical thinning in the same brain region.<sup>1346</sup>

Located in the front of the brain, the prefrontal cortex takes on critically important significance as our link to the

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<sup>22</sup> Please note, the FDA is also responsible for the 1980s roll-out of cellular technology without any pre-market testing. [tinyurl.com/y83g8mng](http://tinyurl.com/y83g8mng)

future, our key to enlightenment... The prefrontal cortex is associated with brain functions such as reasoning, invention, science and creative thinking... It is associated with personal initiative and the ability to project future scenarios.<sup>1347</sup>

Our ability to “*project future scenarios*” is an important part of how we create reality. By visualizing images of the kind of future we wish to create, these images are more likely to manifest into form.<sup>1348</sup>

Sadly, there are creatures working within the field of “neuroscience” who are actively seeking to interfere with both our visualization capacities<sup>23</sup> and our belief in God.<sup>1349</sup> They do this by disrupting the natural functioning of the frontal cortex, thereby manipulating our understanding of spiritual reality.

An article entitled “*Belief in God Linked to Activity in the Brain's Frontal Cortex*” posted on a website named “Inverse.com”<sup>24</sup> provides a good example of this. It states:

A new study published in the journal *Social Cognitive and Affective Neuroscience* showed that belief in God can be modulated by shutting down a part of the brain... The study... used transcranial magnetic stimulation to disrupt the posterior medial frontal cortex... *We found that when we experimentally turned down the posterior medial*

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<sup>23</sup> The dark forces understand the power of images and this is why they have supplied us with an endless parade of dark images that we can give our attention to and help bring into form. These images are projected into our minds through their media, especially television, movies, and the music industry. The more we focus on the dark images, the quicker we bring their satanic reality into physical form. The Luciferians who control the media are using us, without our knowledge or consent, to create the reality *they* want us to bring into form.

<sup>24</sup> Luciferians take great delight in inverting reality. Hence, in their media, Truth is called “hate speech”, carcinogenic radiation and chemotherapy can be used as “cancer treatment”, autistic children are “neurodiverse” rather than neurologically damaged, electroshock torture is “therapeutic”, homosexuality, transgenderism and even pedophilia are “natural,” and on and on it goes. Luciferians assert that men can be women and women can be men since people can be born “in the wrong body”. According to these sociopaths, we must do away with words like “mother” and “father” since they are not “inclusive”. Wherever you turn in the western world today, Luciferian inversion infects our reality. Our children are in danger from being exposed to these satanic distortions.

*frontal cortex, people were less inclined to reach for comforting religious ideas despite having been reminded of death.'* Specifically, participants whose brain activity was decreased had 32.8 percent less belief in God, angels, or heaven and in the Devil, demons, and hell.<sup>1350</sup>

The fact that neuroscientists are using transcranial magnetic stimulation to *shut down* the frontal cortex and thereby undermine our spirituality is obviously very concerning, as is the fact that ALL non-ionizing technologies seem to be causing direct harm to the frontal cortex. And this is especially true for cell phones.

Not surprisingly, a new Gallup poll shows that belief in God in the United States has dropped from 98% in 1967 to 81% in 2022.

A new Gallup [poll](#) documenting a dramatic drop in Americans' faith in God raises serious concerns about the spiritual condition of our country (although we hardly needed a poll to tell us that)...

Gallup first asked this question in 1944, repeating it again in 1947 and twice each in the 1950s and 1960s. In those latter four surveys, a consistent 98% said they believed in God. When Gallup asked the question nearly five decades later, in 2011, 92% of Americans said they believed in God. A subsequent survey in 2013 found belief in God dipping below 90% to 87%, roughly where it stood in three subsequent updates between 2014 and 2017 before this year's drop to 81%. How do we explain this significant drop?<sup>1351</sup>

The answer is simple. We can explain it by looking at the satanic technologies commonly in use today that are negatively affecting the psyche and soul of Mankind including undermining the development and functioning of the frontal cortex.

A new disease is now being discussed in the mainstream media called "frontotemporal dementia" or FTD. It is said to be "*the most common type of dementia in Americans under 60.*"<sup>1352</sup> FTD is marked by a loss of brain tissue in the frontal cortex that causes victims to lose their personalities, their identities, and their ability to care about other people—even their own family members. According to FTD expert, Dr. Bruce Miller, the disease "*attacks people at the very soul of their humanity.*"



When we see loss of tissue in that brain region, we know people have lost their interest in life, their drive... They care less about other people. That loss of empathy can produce dangerous, impulsive, even criminal behavior.<sup>1353</sup>

Please recall that 10-year-old children who interact with wireless devices for seven hours a day or more (such as iPads or laptops at school) are losing brain tissue in the frontal cortex.<sup>1354</sup> Is it possible these children will soon be diagnosed with FTD? Will they exhibit non-empathic, inhumane, aggressive, violent, or even criminal behavior because of the brain damage and loss of empathy they have suffered?

A record 220,300 public school teachers reported that they were physically attacked by a student during the 2015-2016 school year... Elementary school teachers were more likely to be both threatened and physically attacked by a student than secondary school teachers.<sup>1355</sup>

Marina Falk received a horrifying call from school earlier this month in regard to her 6-year-old daughter Nadia. Officials from Love Grove Elementary School called Falk to tell her that police had taken her daughter because she'd been acting out... According to the school, Nadia was alleged to have destroyed school property, attacked staff and [was] running out of school... Authorities...held her in a facility for two days. Another 6-year-old named Nicholas, who has been diagnosed with attention deficit hyperactivity disorder and disruptive mood dysregulation disorder, was [similarly] kidnapped from his elementary school by police and imprisoned in a psychiatric hospital. Nicholas was held, including multiple stints in a 'seclusion room,' for three days.<sup>1356</sup>

Sadly, those who are diagnosed with FTD are likely to end up dying at a very young age since FTD corrodes the brain and "*eventually causes bodily functions to shut down,*" leading to death.<sup>1357</sup> Although no mention is made about the connection between FTD and exposure to lab-created radiation in the *60 Minutes* segment describing the disease, it is nevertheless clear that the brain damage associated with FTD is affecting young people and that wireless exposure can contribute to this type of brain damage in children.

Smart phones have been repeatedly shown to be a direct threat to the health of the human brain, especially the prefrontal cortex.

Notifications from our phones are training our brains to be in a near constant state of stress and fear by establishing a stress-fear memory pathway. And such a state means that the prefrontal cortex, the part of our brains that normally deals with some of our highest-order cognitive functioning, goes completely haywire, and basically shuts down.<sup>1358</sup>

Cell phones are also being directly and repeatedly linked to the development of glial cell tumors.<sup>1359</sup> Research linking radiofrequency radiation to the development of gliomas and astrocytomas dates back at least 50 years.<sup>1360</sup>

This study showed a 40% increased risk of gliomas in the highest category of heavy mobile phone users (Reported average: 30 minutes per day over a 10-year period).<sup>1361</sup>

There is no doubt that the cellular industry knew of this potential health hazard long before unleashing their wicked technologies in our world.

The research that is available, has been available for forty years or more, and it has been neglected or buried by an industry that will place its absolute need to sell products above the health and well-being of its own customers. The practice of producing such products can only be viewed as predatory. Never in human history has there been such a practice as we now encounter with the marketing and distributing of products hostile to the human biological system by an industry with foreknowledge of those effects.<sup>1362</sup>

The insidious nature of all of this becomes even more obvious when one realizes that scientists have been working for decades behind the scenes devising ways to deliberately manipulate human glial cells.<sup>1363</sup> In Israel, for example, as much as 20 years ago, scientists were harvesting and manipulating human glial cells in the hopes of powering their artificial intelligence technologies.

Glial cells (Greek for 'glue,' also known as glial) hold the brain's neurons together and protect the cells that

determine our thoughts and behaviors. But glia cells have now been found to do much more: a mechanism within the glia cells also regulate the synapses, sorting information for learning purposes...

*'Glia cells are like the brain's supervisors. They control the transfer of information between neurons, affecting how the brain processes information and learns.'*

De Pittà's research, led by his TAU supervisor Prof. Eshel Ben-Jacob, along with Vladislav Volman of The Salk Institute... has developed the first computer model that incorporates the influence of glia cells on synaptic information transfer. The model can also be implemented in technologies based on brain networks such as microchips and computer software.<sup>1364</sup>

If glial cells are indeed the "glue" providing structural stability for synaptic signaling<sup>1365</sup> and the transfer of information between neurons<sup>1366</sup> (i.e., the transfer of information between us, our Creator, and our world), it seems *very* concerning that these cells are being harvested by scientists for such highly questionable purposes, and from babies that have been aborted.<sup>1367</sup> It is also of great concern that the calcium signaling of these extremely crucial cells is being *deliberately* interfered with through electromagnetic pulsing or spikes,<sup>1368</sup> which pulses are also emitted by wireless devices like cell phones, baby monitors, ultrasonic smoke detectors, etc. and which may be occurring precisely because those who create the devices know exactly how much harm the pulsing will cause.

Barrie Trower [the British government's top expert on microwave weapons] revealed that the governments of the West have long researched pulsed microwave frequencies and their effects on brain and body; and had weaponised this technology and implemented it in attacks on both military and civilian targets decades ago, specifically mentioning the microwave radiation of women protesting the Greenham Common nuclear airbase in the 1980s and confirming that this was done deliberately to induce all kinds of illnesses in these women. He says this weaponry was also extensively deployed against the IRA in Northern Ireland... Mr Trower also warned of several scientific papers showing genetic damage to the ovarian

follicles of mammals from low-level microwaves; this may create **permanent genetic damage in the human species that is passed down the female line via mitochondrial DNA**, causing genetic illnesses for the remainder of the existence of the human race. With pulsed microwave radiation, we are almost certainly creating the greatest artificial mutation of the human species in its entire existence.<sup>1369</sup>

Microwave pulsed field exposures were more active than non-pulsed fields in terms of their impact on blood forming cells. Micro pulsed field exposures were also more effective than non-pulsed continuous wave fields in producing a breakdown of the blood-brain barrier.<sup>1370</sup>

When it comes to a smart meter's jagged 2.4 billion hertz pulses overpowering 8 hertz human brains, Bennett predicts that if it is allowed to go ahead, the smart grid will cause 'catastrophic electrical failure of the human grid globally.' Before that happens, we could be looking at entire nations of electromagnetically lobotomised zombies.<sup>1371</sup>

Dr. Martin Pall's work confirms that cell phones and other pulsing wireless devices strongly interfere with calcium signaling,<sup>1372</sup> which is leading to a variety of consequences for both neurological and psychospiritual well-being.

I reviewed a [large number] of studies on various kinds of EMF exposures, each of them showing neuropsychiatric effects... It's the same thing that everybody's complaining about, 'I'm tired all the time,' 'I can't sleep,' 'I can't concentrate,' 'I'm depressed,' 'I'm anxious all the time,' 'My memory doesn't work well anymore.' ...We know all those things are caused by EMF exposures. There's no doubt about that. Because we know their effects on the brain, we know that the [voltage-gated calcium channels] excessive activity can produce various neuropsychiatric problems. Here we've got all of these epidemiological data that confirms this is happening in humans who live near cellphone towers, who were exposed to Wi-Fi, who were exposed to broadcasting radiation, who use cellphones, tablets and so on.<sup>1373</sup>

Clearly, we are endangering the very foundation of human existence by exposing ourselves to these technologies. Not only are our brains going haywire in terms of proper functioning, but the technologies are triggering cancerous growths in the very part of our brain that is responsible for human consciousness and human spirituality.<sup>1374 1375</sup>

Astrocytomas have become the most common type of glial tumor found in children today.<sup>1376</sup> Gliomas now account for more than half of all tumors found in children under age 14.<sup>1377</sup> These tumors are the result of genetic alterations to normal cells in the brain.<sup>1378</sup> Such genetic alterations to brain cells are no doubt being triggered by radiation exposure both *in utero* and beyond.

Gliomas develop from the abnormal growth of glial cells... [These] tumors begin when something goes wrong when cells divide to make new cells.<sup>1379</sup>

Prior radiation to the brain is a risk factor for malignant gliomas.<sup>1380</sup>

As was documented earlier in this book, ultrasonic irradiation can interrupt cell division,<sup>1381 1382</sup> damage neuronal tissue,<sup>1383</sup> disturb neuronal migration,<sup>1384</sup> and cause genetic and DNA damage<sup>1385</sup> which can lead to DNA misrepair.<sup>1386</sup> Furthermore, ultrasound interrupts cellular conductivity and disturbs electrical transport signals in the brain.<sup>1387 1388</sup> Can it possibly be just a coincidence that brain cancer in children has increased over 40% since the 1970s - or about the same time prenatal ultrasound was first mainstreamed in obstetrics?<sup>1389</sup>

In 1996, the National Cancer Institute reported that the frequency for cancer in children increased 10% between 1973 and 1991... During this period, brain cancer and soft tissue sarcoma each increased more than 25%.<sup>1390</sup>

To be sure, the use of cellular and cordless phones is also contributing to the rising number of brain tumors found in children.<sup>1391</sup> In 2017, for example, Professor Girish Kumar of the Indian Institute of Technology, Mumbai discussed the fact that there was a 400% increase in the risk of brain cancer among teenagers due to excessive use of smart phones.

Speaking at the Aligarh Muslim University on 'Radiation Hazards of Cell Phones', the scientist urged smart phone

users not to take lightly the latest warnings pertaining to “hidden dangers” of technology, which stem from indiscriminate use of such devices. He categorically warned people from using smart phones for more than 30 minutes a day. Also [he] had recently submitted a report to the central government on the serious health hazards of excessive use of latest technology. He pointed out that the release of free radicals into the human body due to excessive use of cell phones was also causing irreversible damage to male fertility... Cell phone radiations are also causing serious effects on animal and plant life, he said. Talking about the adverse impact of indiscriminate use of latest technology on youngsters, Prof Kumar said there was a 400 per cent increase in the risk of brain cancer among teenagers due to excessive use of smart phones. ‘Such radiation is causing irreversible damage to the human DNA, especially of youngsters. It is also responsible for a steep increase in sleep disorders and neurodegenerative diseases, Alzheimer and Parkinson’s disease’, he said. <sup>1392</sup>

Other researchers have stated the following:

Children and teenagers are five times more likely to get brain cancer if they use mobile phones. At least nine out of ten 16-year-olds have their own handset, as do more than 40 percent of primary school-children... An unprecedented level and frequency of tumor growth inside the human brain may be inevitable. <sup>1393</sup>

In 2012, the U.K.’s Office of National Statistics reported a 50 percent increase in incidence of frontal and temporal lobe tumors in children between 1999 and 2009. <sup>1394</sup>

Children who began using either cordless or mobile phones regularly before age 20 had more than a fourfold increased brain tumor risk. <sup>1395</sup>

Nonetheless, despite the clear and abundant evidence that cell phones and cordless phones are causing brain tumors in children, the fact remains that cell phones did not become popular until the mid-1990s, <sup>1396</sup> so cell phone usage cannot explain why brain cancers in children rose 25% between 1973 and 1991. <sup>1397</sup> Furthermore, mobile and cordless phone usage cannot explain why

brain tumors are occurring in *infants*<sup>1398</sup> and very young children,<sup>1399</sup> since infants are presumably *not* holding radiation-emitting to their heads.

What seems abundantly clear, however, (at least to me) is that **the medical establishment itself is responsible for causing the rise in brain cancers in young children between 1973 and 1991. It did this by insisting on the use of ultrasound during pregnancy and repeatedly holding dangerous, radiation-emitting devices to the heads of children in the form of ultrasound transducers.**

12-15% of all childhood brain tumors occur in children less than two... There has also been an unexplained increase in the incidence of brain tumors in infants over the last 20 years.<sup>1400</sup>

Although mobile phones may potentially raise the risk of developing brain cancer, it is unlikely to be the cause of the increasing rates of brain cancer observed in children because children don't normally begin to use mobile phones until they are 11 or 12.<sup>1401</sup>

**Since radiation exposure is the only known environmental cause of brain tumors,<sup>1402</sup> it seems highly likely that ultrasonic irradiation *in utero* is contributing to the growing number of brain tumors in infants and very young children.**

Other than radiation, there are no known lifestyle or environmental causes of childhood brain tumors.<sup>1403</sup>

Of course, there is also the issue of ignorant parents putting wireless baby monitors right next to the bodies of their infants and very young children while they sleep (ostensibly to "keep them safe"). And then there are the smart meters (which might be located right next to the baby's sleeping area) and/or expectant moms who think it's perfectly OK to hold cell phones (or other wireless devices like laptops or iPads) directly over their pregnant bellies. This, too, will contribute to a very poor outcome for their children.<sup>1404 1405</sup>

The dimensions of the human head... make it a fairly good antenna for picking up microwave signals.<sup>1406</sup>

Researchers from the Yale School of Medicine positioned a cell phone above a cage of pregnant mice... When the offspring were later tested, they showed signs of ADHD, including reduced transmissions in the prefrontal cortex of the brain... [In a 2010 study of 29,000 children, it was found that], children whose mothers used cell phones while pregnant were 40 percent more likely to have behavioral problems... This [number] rose to 50 percent when the children also used cell phones themselves.<sup>1407</sup>

A two-minute call can alter brain function in a child for an hour, which is why other countries ban their sale or discourage their use under the age of 18. In contrast, [there is] a \$2 billion advertising campaign [in the U.S. that targets] "tweens" (children between 8 and 12 years old)... Firefly and Barbie cell phones are also being promoted for 6 to 8-year-olds. It is not generally appreciated that there is a cumulative effect and that talking on a cell phone for just an hour a day for ten years can add up to 10,000 watts of radiation. That's ten times more than from putting your head in a microwave oven. Pregnant women may also be at increased risk based on a study showing that children born to mothers who used a cell phone just two or three times a day during pregnancy showed a dramatic increase in hyperactivity and other behavioral and emotional problems. And for the 30% of children who had also used a cell phone by age 7, the incidence of behavioral problems was 80% higher!<sup>1408</sup>

Adults in our society need to recognize that we are unwittingly contributing to the demise of our own children by (a) allowing wireless devices and radiation to permeate our homes, and/or (b) by acquiescing to medical protocols that are harmful to us and our children. Most brain tumors are deadly.<sup>1409</sup> Only two in ten people diagnosed with brain cancer will survive for at least five years after diagnosis.<sup>1410</sup> Therefore, children are literally paying with their lives thanks to the ignorance and/or denial of the adults around them.

This risky technology has reached all social classes, has made people dependent and addicted and they are screaming for more. It is *the* satanic stroke of genius of the dark forces on this planet earth during the past



century. So far they have never succeeded in making people eliminate themselves and sacrifice their own children on the altar of technology... [But now,] there are only two possibilities. If a few more people do not wake up and help us change course, soon we will all be sitting in a deadly cage of radiation together... and everything alive on this planet earth will head towards its end!<sup>1411</sup>

Sadly, adult denial of the harm these technologies are causing is rampant, and it is our denial that can have the most devastating consequences for our children. One 15-year-old girl in the UK, for example, who was said to have had a "WiFi allergy" (i.e., microwave illness and/or EHS), ultimately committed suicide because every time she went to school, she became increasingly sick and the adult administrators at the school just did not care enough to do anything to help her. According to her mother:

I believe she just couldn't take any more. She had overwhelming fatigue, headaches and ear pressure, difficulty finding words, itchy skin, dizziness and stiff joints... She'd always been a very good student and a very healthy child. I made sure she got the right nutrients, the right influences, the right education. I had no idea we were exposing her to something so dangerous.<sup>1412</sup>

Children absorb up to 60% more microwaves than adults because their bodies are more moist and their electrical conductivity is greater. So children can expect 60% more danger from microwaves than adults, and one of the first symptoms for a child is suicidal tendencies.<sup>1413</sup>

At a school in Canada, adult administrators became downright abusive when confronted with the fact that children were becoming ill from the WiFi system that had recently been installed in the school. Rather than remove the harmful radiation or allow the sick students to use hard-wired computers instead, the administrators coldly demanded that the sick children *must* use WiFi computers at school.

The Simcoe County District Schools Board said no. They said the children must be exposed to WiFi at school. Even the children who were sick and presented to the school board themselves were told no, you may not plug your computer into the wall. You must sit all day in a sea of microwave radiation.<sup>1414</sup>

Even when it was ultimately determined that the radiation levels in the school exceeded the maximum allowable limit in Canada, the administrators still did *absolutely nothing* to protect the children.

So, we were right! Our kids were sick at school and nowhere else. There was no mold problem, no recent renovation, chemical building materials. Only a newly installed massive WIFI system. They measured and found that radiation created by the WIFI exceeded Safety Code 6 thermal threshold by 34%. And that explained how my son came home from school with hot ears every day. He was being cooked by microwaves.

School WIFI operates at 2.4 GHz, the same frequency as a microwave oven. So, did they shut it down? Evacuate the school? Did they alert the teachers? Parents? Students? No, the Simcoe County District School Board kept it quiet. They told no one. They downplayed the results as insignificant and failed to tell the parents who were BEGGING for answers.<sup>1415</sup>

Keep in mind that allowable radiation limits in Canada (and the U.S.) are extremely and dangerously high—at least 100x higher than in other western nations, as the chart below shows.<sup>1416 1417</sup>

Microwave Exposure Limits	
300MHz-300GHz in $\mu\text{W}/\text{cm}^2$ (microwatts/cm <sup>2</sup> )	
Canada USA	<b>1000</b>
China Russia Italy France (Paris) Poland Hungary	10
Switzerland: General	9.5
Sensitive Areas (e.g. Schools, Hospitals)	4.25
Belgium (Brussels, Wallonia, Flanders) Bulgaria Luxembourg Ukraine	2.4
Lichtenstein	0.1
Austria (Salzburg Health Dept, Federal State)	
- Outdoor	0.001
- Indoor	0.0001
Cosmic Background	< 0.00000000001

Source<sup>1418</sup>

Despite the dangerously high exposure standards in Canada, the radiation levels in the school *exceeded* these “limits.” As a result, two children died from exposure to this radiation, literally dropping dead from cardiac arrest in the school.

Two children have dropped dead in Simcoe County schools since WIFI was installed. Their heart simply stopped beating... It’s curious that this would happen twice to children just over 10 years old. There’s only 50,000 students in the entire school district... This was 20 times higher than expected. Far exceeds the level expected environmental influence. It should have been examined. It should have triggered a public health investigation. But it was only 2 kids, not a high number. Then it happened again. Another Simcoe County school, to a 13-year old who dropped from cardiac arrest in the schoolyard, lucky for him he was revived by a defibrillator after someone called 911. He evacuated to Sick Childrens Hospital in Toronto and had a pacemaker installed on his heart. Then within the year it happened again in another Simcoe County school, to a 16- year old boy. Who was brought back to life by his gym teacher using CPR. Evacuated to Sick Kids and had a defibrillator installed in his heart. This was 4 kids with cardiac arrest. It brought the observed rate of juvenile cardiac arrest within Simcoe County schools to 40 times the expected. The only response by the Simcoe County School Board has been to install defibrillators in 100% of the students.<sup>1419</sup>

Schools are particularly worrisome, experts say, because they are where the most intense concentration of wireless radiation is found today. The Wi-Fi systems schools have adopted are much more comprehensive than your average home or coffee shop Wi-Fi. These commercial grade systems use several routers or “access points” throughout the classroom, often in the ceiling above students’ heads. Now, add in all the radiation spewing from all the wireless devices operated by each student, and you’ll find that kids are spending up to seven hours per day in a thick soup of [microwave radiation].<sup>1420</sup>

Children all around the world are developing symptoms of radiation sickness and deaths are occurring in areas with high radiation density.<sup>1421 1422</sup> For example, nearly 60% of the children attending

a high school in Israel (located next to a cell tower) reported symptoms consistent with exposure to microwave radiation, including headaches, dizziness, weakness, etc. At least one student and one teacher have died in the school<sup>1423</sup>—and this despite the fact that Israel appears to still be using 3G<sup>25</sup> frequencies.<sup>1424</sup>

Students are experiencing cardiac arrest... at very high rates... In Mountain View school, there's a 12-year-old boy who has tachycardia... There's a 12-year-old that experiences nausea, vomiting, no fever, insomnia, blurred vision, and tachycardia, and she experiences this only in the classroom. There's a 13-year-old boy who experiences a pounding heart, insomnia, headaches... There's a 6-year-old girl who has a "musical heart." She has headaches, dizziness, and only experienced at school. Did you know that there's an increase in sudden cardiac deaths among youth in the United States? [A 2009 study showed] a 6% increase in the rate of sudden cardiac deaths *each year*... among very healthy, fit kids, that are athletes. Did you know that 2.4 GHz (the same frequency that we are exposed to with WiFi) causes tachycardia?<sup>1425</sup>

The radiation establishment has known for more than a half-century that microwave radiation can literally stop a beating heart. As far back as the 1960s, Allen Frey discovered he could create arrhythmias in frogs and stop their hearts cold.

Frey tested microwave radiation on frogs and other lab animals, targeting the eyes, the heart, and the brain, and in each case, he found troubling results. In one study, he triggered heart arrhythmias. Then, using the right modulations of the frequency, he even stopped frog hearts with microwaves—stopped the hearts dead.<sup>1426</sup>

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<sup>25</sup> The fact that Israel is still using 3G frequencies seems very strange indeed, especially in light of the fact that Israel is intimately involved with the creation of 5G technologies. There are multiple sources that confirm this, some of which are listed at the following link: <https://tinyurl.com/y4xm99y4>. Nevertheless, it appears that the Israeli government is *not* planning to deploy wireless 5G in Israel any time soon. According to one source: "*Some people believe that 5G was developed by Israel... but, the Israeli government will not roll it out in Israel. Rather, Israel will develop a fiber optic version.*" (See <https://tinyurl.com/y4vtzlwq> for more info.) Other sources assert that 5G is not being rolled out in Israel because it is part of a plan to sterilize of non-Jews only. (See <https://tinyurl.com/v6wmgkn> for more info).

The medical establishment, too, has known since at least the 1940s, that manmade radiation/frequencies can cause abnormal heart function.<sup>1427</sup> Yet despite this decades-old knowledge, doctors have systematically exposed developing babies to dangerous radiation-emitting technologies (including ultrasound) that they know can cause tachycardia (rapid heartbeat), arrhythmia (irregular or skipping heart beats), bradycardia (very slow heartbeat), and more—all of which can be life threatening and cause sudden death.

Studies have found that exposure to high intensity ultrasound at frequencies from 700 kHz to 3.6 MHz [i.e., within the range of diagnostic ultrasound frequencies] can cause lung and intestinal damage in mice. Heart rate patterns following vibroacoustic stimulation has resulted in serious negative consequences such as atrial flutter and bradycardia.<sup>1428</sup>

Tachycardia can be an almost instantaneous response to EMFs and it is sometimes also found with arrhythmia. Prolonged exposures produce both arrhythmias and bradycardia (slow heart beat). Similar EMF cardiac effects were seen in animal studies, with the earliest of these going back to the late 1960s... Arrhythmias, especially when they are accompanied by bradycardia, are often associated with sudden cardiac death. We are having an epidemic of young, apparently healthy athletes dying in the middle of an athletic competition of apparent sudden cardiac death, which may, therefore be possibly caused by EMF exposure.<sup>1429</sup>

In 2014, one in every 250 pediatric patients was presenting with tachycardia.<sup>1430</sup> Tachycardia is one of the many symptoms associated with exposure to the 2.4 GHz frequency<sup>1431</sup> commonly used in the U.S., Canada, and the U.K.<sup>1432</sup> for WiFi systems, cell phones, cordless phones, baby monitors, etc. The radiation levels from all of these devices, including wireless baby monitors,<sup>1433</sup> are very high, and children's lives are in danger as a result of our willingness to expose them to such devices.

Babies are being put at risk of cancer by hi-tech cot monitors which emit deadly radiation... **Slow-pulsing microwaves blasted out by modern digital equipment may cause leukaemia.... Lab tests have also linked the radiation to potentially fatal brain**

**tumours, breast cancer, headaches and disturbed behaviour patterns in kids.**<sup>1434</sup>

What makes baby monitors particularly dangerous is that they emit radiation full blast constantly whenever they are on... Baby monitors emit the same kind of radiation that your microwave oven uses to cook food... Microwaves heat things up. So, imagine what happens when that same level of radiation is in your child's room... Exposure in infancy can lead to a life of serious health problems.<sup>1435</sup>

A wireless baby monitor at less than 1 meter away from the baby's crib was roughly equivalent to the microwave radiation experienced from a cell phone tower only 150 meters away.<sup>1436</sup>

Smart meters also use the deadly 2.4 GHz frequency, which causes abnormal heart function along with many other serious health issues that can lead to sudden death.<sup>1437</sup>

Footage has been published of smart meter transmissions disrupting the human heartbeat... Repeated disruption was found at 1m from a smart meter... Dr. Leon warned this effect 'silently makes our hearts work too hard', a chronic stress.<sup>1438</sup>

In 2014...I went on a "smart" meter measuring binge. I proved the utility here was lying about their SM transmissions.... On the 4th day of standing in front of SMs all day, that night...I had shortness of breath, my chest felt like it had a stack of encyclopedias on top, and my heartbeat was...pounding out of my chest... I *know* it was the cumulative effect of the microwave bombardment. EHS people report heart palpitations. It is a common symptom of microwave sickness.<sup>1439</sup>

When the smart meter was not sending high amounts of power, Woodward's EKG readings were normal... But when it kicked into higher output mode, the changes were 'massive'... When these irregularities are ongoing, the heart can end up working too hard, resulting in fatigued cardiac function... Changes to the heart caused by smart meters are anything but symptomless or 'silent'... Major damage can take place without people realizing it.<sup>1440</sup>

In addition to causing irregularities in heart *function*, microwaves have been shown to contribute to the development of heart *tumors*, called malignant schwannomas, as well as DNA damage in brain cells and low birth weight in exposed rats. Below is information regarding the recent study by the National Toxicology Program.

We have concluded that there was clear evidence that male rats developed cancerous heart tumors called malignant schwannomas.<sup>1441</sup>

The NTP findings that cell phone radiation caused cancer, DNA damage in brain cells, heart muscle disease and reduced birth weights clearly demonstrate that the assumption that non-ionizing radiation cannot cause cancer or other health effects is wrong.<sup>1442</sup>

Since schwann cells are a type of glial cell,<sup>1443</sup> they must therefore play an important role in the spiritual functioning of humanity. With glial cells becoming tumorous in both the brain and the heart, the question arises as to whether we and our young are being morphed into something less than human—creatures with little or no capacity to experience love, human emotion, or empathy—creatures who are rapidly losing our connection with our Creator. This lack of true connection with God and with other humans could explain why teenagers are committing suicide in droves.<sup>1444</sup>

Feelings of depression and loneliness are skyrocketing in children, teens, and young adults<sup>1445 1446</sup> in exact correlation with the rise of the use of cell phones and other radiation-emitting technologies.<sup>1447</sup>

A [2018 study]...reported a 47% increase in depression diagnoses in millennials and a whopping 63% increase in adolescents from 2013 to 2016.<sup>1448</sup>

In 2016, The *Center for Disease Control* reported a concurrent 30% rise in suicide.<sup>1449</sup>

For the youngest group, the 10- to 14-year-olds, the [suicide] rate nearly tripled.<sup>1450</sup>

The number of children and teens in the United States who visited emergency rooms for suicidal thoughts and

suicide attempts doubled between 2007 and 2015, according to a new analysis... 43% of the visits were in children between 5 and 11.<sup>1451 26</sup>

As usual, mental health “experts” are stumped as to what could possibly have caused a 56% increase in child and teen suicide in just ten years.<sup>1452</sup> Despite their refusal to address the obvious, suicide is now the second-leading cause of death for teenagers in the United States.<sup>1453</sup>

In addition to feeling extremely sad and wanting to end their own lives, children, teenagers and young adults are also dropping dead from cardiac arrest at alarming rates, and this was happening well before the COVID vaccine rollout that exponentially increased the number of young people collapsing and “dying suddenly” from cardiac arrest.<sup>1454 1455</sup> Once again, “experts” remain perplexed as to what could possibly be causing these sudden, “unexplainable” deaths that are now being referred to as “sudden adult death syndrome”.<sup>1456</sup>

Teens and young adults are dropping dead at an alarming rate, and that rate is on the rise, according to a CDC study... We don't have any clinical information to help explain this jump in sudden cardiac death.<sup>1457</sup>

A student from Donnacona High School [in Quebec, Canada] died Thursday morning. The 16-year-old suffered cardiac malaise during a physical education class... At least two other similar cases occurred in 2018 in the Quebec City area... In October 2018, the death of a 16-year-old had also caused a shock wave at the multipurpose Charlesbourg. The young man suffered discomfort and collapsed in the gym during his physical education class. Then, on March 1, 2018, an 8-year-old boy collapsed, victim of a cardiorespiratory arrest.<sup>1458</sup>

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<sup>26</sup> How many of these suicidal children, between 5 and 11 years of age, are exposed to radiation-emitting technologies (otherwise called “screen time”) on a daily basis? How many were exposed to radiation *in utero*? How many are the product of irradiated sperm and egg? How many were unable to properly bond with their parents because they were victims of a pregnancy and birth process that interrupted bonding and inflicted untold trauma on them as they tried to enter our world? These are questions that must be answered if we are to understand what is happening to our children today and why.



A Brazilian male model died after collapsing on the catwalk in front of the public during Sao Paulo Fashion Week... The guests first thought that the fall was part of the parade, but the staff quickly went on stage to help the 26-year-old. In a video that circulates on social networks, we can see Mr. Soares who goes to the end of the bridge, turns, seems to lose balance and collapses on the ground... According to the model's sister, he was in perfect shape just before the parade.<sup>1459</sup>

Heart disease starts now in the teens or even earlier... Heart disease was almost unknown 120 years ago and now it's the major killer. So, something changed really drastically in that length of time.<sup>1460</sup>

Indeed, something did change. And that something was the introduction of artificial frequencies/radiation into our environment that now permeate our air space and are wreaking havoc with our lives. These frequencies were generated for the first time around the turn of the century<sup>1461 1462 1463</sup> and today, we are being *saturated* with them, leading to disruptions in sleep, cardiac function, genetics, longevity, fertility, human happiness, and more.

[We] are being exposed to levels of EMFs a QUINTILLION times higher than in the 1920s. *That's 1,000,000,000,000,000,000* [or 1 with 18 zeros].<sup>1464</sup>

The power density that radiates, close to the head of a user, from a portable 'cellular telephone is 2 billion times higher than that background level.<sup>1465</sup>

We don't receive modulated digital radio frequencies in nature. We get analog signals and they are MUCH weaker. The strongest radio signals we receive from natural sources from the cosmos are about a ONE HUNDRED BILLIONTH OF A WATT. That means **1 microwatt of RF [radiofrequency/microwave] energy is about 1 million times stronger than the strongest RF pulse we would have received ancestrally.**<sup>1466</sup>

According to Dr. Martin Pall, the cardiac disturbances triggered by these technologies are cumulative and often irreversible.<sup>1467</sup>

People exposed to radiation for just three minutes at 2.4-GHz can experience severe reactions in heart rate changes and altered heart rate variations, indicating an alarm response to stress, also called electrohypersensitivity (EHS) or rapid aging syndrome. This has been studied for decades. The response includes heart palpitations, clumping of red blood cells and fluctuations of the parasympathetic nervous system typical of a “fight-or-flight” response.<sup>1468</sup>

Western governments were warned in the 1990s about the dangers of the 2.4 GHz frequency, by top Russian scientists.

Soviet scientists have consistently assumed that *any* radiation that doesn't occur in nature will have some effect on life. We've consistently made the opposite assumption...There's no longer any question that... we've been wrong and the Soviets have been right.<sup>1469</sup>

The USSR were the first, as far as I am aware, to warn **us** about using this frequency for common use. Later, again, top scientists from the USSR and Canada warned us not to introduce the 2450 MHz into schools – fearing harm.<sup>1470</sup>

However, the U.S. government already knew about the dangers of this frequency years before it received any outside warning. In the 1980s, the U.S. Air Force studied the effects of the 2.4 GHz frequency and found that irradiated rats suffered the following:

- 16% more benign tumors
- 100% more metastatic tumors (cancer had spread)
- 260% more primary malignant tumors [than non-irradiated rats]

A significant number of these irradiated rats developed endocrine tumors. Other researchers of that era showed that 2.45 gigahertz caused cancer-prone mice to suffer a 41% increase in tumors and a highly significant 12.5% increase in chromosome damage to bone marrow and blood. Later in the 1990s, researchers at the University of Washington used low-level 2.45 gigahertz to damage the brains of rats and rip apart their DNA. Within the last

twenty years, scores of additional new studies have confirmed the destructive properties of gigahertz Wi-Fi radiation which can interfere with all cellular processes and: cause abnormal heart function; induce seizures; form eye cataracts; promote pregnancy abnormalities; cause fetal malformations and disabilities, including reduced memory and learning capacity; initiate new cancers while accelerating the growth of existing cancers.<sup>1471</sup>

So, did these findings cause the U.S. government to halt the use of this particular frequency in order to protect the American people? Did they sound an alarm and warn Americans about the dangers of this frequency and recommend avoidance? Did they ban the use of this frequency in American commerce? On the contrary, the FCC deliberately opened up this part of the spectrum, allowing the 2.4 GHz frequency to be used freely and without licensing—ensuring that our society would be completely *saturated* with this particular frequency, dooming us all to terminal decline.

The frequency band used for cell phone radiation is the most destructive frequency in the entire spectrum.<sup>1472</sup>

The question, then, is why so many of your gadgets operate at 2.4 GHz, instead of the ~2,399,999,999 whole number frequencies below it, or any number above it. It seems almost controlled, or guided... A glance at FCC regulations confirms any suspicions. A band of frequencies clustered around 2.4 GHz has been designated, along with a handful of others, as the Industrial, Scientific, and Medical radio bands.

*A lot of the unlicensed stuff—for example, WiFi—is on the 2.4-GHz or the 900-Mhz frequencies... You don't need a license to operate on them.*

That's Ira Kelpz, Deputy Chief, Office of Engineering and Technology at the Federal Communications Commission, explaining precisely why these ISM bands are attractive to gadget makers: They're free to use.<sup>1473</sup>

Thanks to our chronic exposure to the 2.4 GHz frequency, physicist Barrie Trower has suggested that within the next 50-60 years, we

are going to bear witness to a radiation-induced disaster that will leave only one in eight children healthy.

5G is going to blend in with WiFi and WiFi is a known, proven and used weapons frequency... In three generations—just 50 to 60 years—only one in eight of your children at this point in time can be guaranteed to be born healthy.<sup>1474</sup>

Unprecedented human exposure to radiofrequency electromagnetic radiation from conception until death has been occurring in the past two decades. Evidence of its effects on the [central nervous system], including altered neurodevelopment and increased risk of some neurodegenerative diseases, is a major concern... Evidence exists for an association between neurodevelopmental or behavioural disorders in children and exposure to wireless devices. Experimental evidence...shows that prenatal exposure could cause structural and functional changes in the brain associated with ADHD-like behaviour. These findings deserve urgent attention.<sup>1475</sup>

The weak and erratic microwave radiation from cellphones...disrupt(s) DNA, weakens the brain's protective barrier, and releases highly reactive and damaging free radicals. A five-year-old's brain, healthy or otherwise, is encased in a thinner skull and contains more fluid than an adult brain. The bone marrow of a child's head absorbs 10 times more radiation than that of an adult, while those of infants and toddlers will absorb even more... Exposure to radiation from cellphones may also play a role for a growing spate of serious problems, including attention and hearing deficits, autism, behavioral changes, insomnia, ringing of the ears or tinnitus, Parkinson's, Alzheimer's, and a broad array of disturbances to the nervous system... Studies repeatedly show that prenatally exposed rats and rabbits have fewer brain cells... Those that survive sustain more damage to their brain, liver, reproductive system, and eyes.<sup>1476</sup>

Talking over mobile phones for...long periods increases the risk of seizures.<sup>1477</sup>

Despite these urgent facts—all of which indicate that our children are in serious danger from exposure to these technologies, a 2015 survey nevertheless found that 75% of four-year-old children in the U.S. own their own cell phone.<sup>1478</sup>

There is solid proof that children's skulls are thinner and they also have a higher water content. So, the radiation not only penetrates the skull more [for children up to five, 70% of cell phone radiation penetrates inside their heads as opposed to 10% of that radiation penetrating inside the head of an adult].<sup>1479</sup>

The fact that this radiation is penetrating deep into the brains of our children is obviously of great concern, especially because the 2.4 GHz frequency being used in cell phones can induce neurobehavioral disorders<sup>1480</sup> and has been linked to learning impairment,<sup>1481</sup> memory problems, and neurodegenerative brain diseases.<sup>1482</sup> This frequency has also been shown to cause DNA damage<sup>1483</sup> and sterility.<sup>1484 1485</sup>

It was shown that...2.45 GHz irradiation can denature short DNA oligos... [and] result in DNA melting.<sup>1486</sup>

Microwaves were used in British orphanages to basically sterilize the orphans... They found that 2.4 GHz frequency was the ideal frequency to sterilize a population over two or three generations. It induces epigenetic damage to the system that makes them less likely to be fertile. And that is passed on to the offspring who then, again, is blasted with 2.4 GHz and then, over two or three generations, everybody will be sterile... [2.4 GHz] is the carrier frequency for all cell phone communications and for Bluetooth... It's a mass attempt to basically sterilize the western world population. Russia and Iran are using different frequencies that are not doing that damage.<sup>1487</sup>

In contrast to the FCC...the European Academy for Environmental Medicine...EMF Guidelines (2016) indicates a non-thermal safety level of...0.001... This is 1,000,000 to 100,000,000 times less, in terms of permitted exposure, than the FCC Guidelines.<sup>1488</sup>

The safety guidelines of the FCC and several other governing bodies allow for 100x more radiation than countries like China, Russia, Poland, etc.<sup>1489</sup>

Interestingly, the American media seem particularly bent on attacking Russia, China, and Iran. Could this be because these countries are somehow bucking the genocidal new world order? And does this mean that those who control the American media<sup>1490</sup> are supportive of an agenda to genocide Western civilization?

The 1996 telecommunications act de facto stated that the U.S. Federal government valued telecommunication industry profits over every single health impact of microwave frequency radiation, no matter how serious it is, to the American people.<sup>1491</sup>

The medical and scientific data is overwhelming and irrefutable as the wireless industry, the [mainstream media] and government agencies... continue to protect the industry from widespread public awareness of the insidious effects of the latest generation of digital by-products<sup>1492</sup>

In the UK, France, Belgium, Russia, and other nations, wireless users—especially children—are urged to minimize their exposure to microwave radiation. But in the United States, public health officials have been hesitant to sound the alarm. In 2014, the Centers for Disease Control issued a public statement urging caution with cellphone use, but retracted the statement a few weeks later.<sup>1493</sup>

Significantly, the 2.4 GHz frequency currently used in many of our wireless devices, is the very same frequency used in microwave ovens because it *maximizes the absorption of radiation in animal tissues*.

WiFi in schools operates on the same frequency... as that of a microwave oven... about 2.45 gigahertz... and this wavelength is intended to maximize...the absorption of radiation in a hunk of animal and plant tissues that we call food inside a microwave oven.<sup>1494</sup>

To get a sense of what is happening inside the bodies of our children when they are exposed to this frequency, let's examine what occurs inside a microwave oven when food is being cooked.

Microwaves heat food by vibrating food so violently its molecular structure shakes apart.<sup>1495</sup>

Nukers' emit at 2,450 MHz, equivalent to 2.4 GHz... The water molecules in the food vibrate violently at extremely high frequencies (millions of times per second), creating molecular friction, destroying nutrients and affecting the heart rate and variability of any person that stands near the oven. This is why it's extremely dangerous to cook meat, because the blood is affected also... Structures of those molecules are ripped apart and forcefully deformed... Human tissues can experience the same violent deformations as your food that's nuked.<sup>1496</sup>

According to Dr. Hans Hertel:

Technically produced microwaves are based on the principle of alternating current. Atoms, molecules and cells hit by this hard electromagnetic radiation are forced to reverse polarity 1 to 100 billion times a second.' There are no atoms, molecules or cells of any organic system able to withstand such a violent, destructive power... This is how microwave cooking heat is generated – friction from this violence in water molecules. Structures of molecules are torn apart, molecules are forcefully deformed (called structural isomerism) and thus become impaired in quality... There is direct damage to cell walls and genes from microwaves... 'the cells are actually broken, thereby neutralizing the electrical potentials - the very life of the cells...'<sup>1497</sup>

Moreover,

Eating food processed from a microwave oven causes permanent brain damage by 'shorting out' electrical impulses in the brain.

Eating microwaved food causes loss of memory, concentration, emotional instability, and a decrease of intelligence...

Minerals, vitamins, and nutrients of all microwaved food is reduced or altered so that the human body gets little or no benefit. Regular consumption of microwaved food causes immune system deficiencies through lymph gland and serum alterations.

The prolonged consumption of microwaved foods causes cancerous cells to increase in human blood. Moreover,

these foods cause stomach and intestinal cancerous growths (tumors). This may explain the rapidly increased rate of colon cancer in America.<sup>1498</sup>

Not coincidentally, diagnoses of colon cancer among children and teens have risen a whopping 200% since 1998.<sup>1499</sup> Blood cancers like leukemia have also skyrocketed in children,<sup>1500</sup> and perhaps this has something to do with the extreme heating and molecular violence taking place in the water and blood molecules of our children's bodies when they are exposed to these heinous artificial frequencies.

Water alone should never be heated in a microwave." Here's why... This is an all too common example of what can happen. A man decided to have a cup of instant coffee, so he heated a cup of water in the microwave. When the timer went off, he removed the cup from the microwave and noticed that the water had not boiled. Just then, the water literally 'blew up' in his face. His whole face was blistered with first and second degree burns, which left some permanent scarring and damage to his left eye. While at the hospital, the doctor attending him stated that his is a fairly common occurrence. Water (alone) should never be heated in a microwave oven. This phenomenon is known as superheating.<sup>1501</sup>

Microwave "superheating" sounds suspiciously similar to ultrasonic cavitation that causes violent implosions<sup>1502</sup> in sonicated liquids.<sup>1503</sup> Extreme heating, violent implosions, molecular structures being ripped apart and forcefully deformed, reversal of electrical potentials, etc.—all of this is the foundational insanity of the lab-created radiation industry. The scientists involved in these atrocities are using both microwaves and ultrasound to *deliberately* weaken and blow holes in human cells (e.g., tumor cells so they can release their toxic payload into the rest of the body).<sup>1504</sup> Although the medical establishment assures us that these procedures are "beneficial" since they trigger an "immune response"<sup>1505</sup> alleged to fight against cancer, what doctors neglect to mention is that (a) the medical establishment itself is likely to have caused the tumors in the first place by exposing people to their radiation-emitting machines, and (b) the so-called "treatments" they are offering (including ultrasonic and ionizing radiation "therapies") are carcinogenic—they actually *cause* cancer.<sup>1506</sup>



The fact is, we and our children are literally being *cooked* by lab-created radiation thanks to the American medical establishment, the “deep state,”<sup>1507</sup> the nuclear industry,<sup>1508</sup> the telecom industry, etc., and their collective intent to cause harm.

Microwave Electromagnetic Radiation is one of the most destructive, insidious, invasive and aggressive technologies ever devised by man. Invented by the same people who brought us Atomic and Nuclear weapons, and with the same destructive effect on our DNA as nuclear radiation fall out; as an integral part of the depopulation agenda, Microwave Radiation threatens the continued existence of the human race...

It has been proven by the best science that microwave electromagnetic radiation can have highly damaging effects on the human body, animals and plants. Much of that injury occurs under the radar. Because the micro-damage is inflicted at the cellular level, particularly to the mitochondrial DNA, it goes undetected for many years. Then, all of a sudden, a serious illness or fatal disease emerges out of nowhere. Hence, the correlation is rarely made between the exposure to the pernicious frequencies and the disease process.<sup>1509</sup>

The impact of cell phone radiation, not only on human beings but on insects, animals, birds, and plants, has become an emergency threat to all life on earth. The evidence, amounting to tens of thousands of studies, has never been refuted, only ignored.

Neurosurgeon Leif Salford and his colleagues in Sweden found that a single two-hour exposure to a cell phone permanently destroys up to 2% of a rat’s brain cells. The experiments gave similar results even when the exposure level was reduced a hundredfold. And in experiments on the blood-brain barrier, they reduced the exposure level ten thousand-fold and found that damage to the blood-brain barrier was *worse* when the exposure level was reduced.

Does this mean that everyone who uses a cell phone has brain damage? Probably. Brain tissue has no pain receptors, so we don’t feel the injury. It also means that holding the phone away from your body does not protect you.

Spanish wildlife biologist Alfonso Balmori raised tadpoles on an apartment terrace near a cell tower. One tank was shielded from the radiation by a thin layer of fabric woven with metallic fibers. The shielded tadpoles all thrived; 90% of the unshielded tadpoles died.

Botanist Katie Haggerty, wondering why aspen trees were declining in Colorado, raised 27 potted aspen seedlings in her backyard in the foothills of the Rocky Mountains. Nine pots were unshielded, nine were surrounded by aluminum screening, which kept out the radio waves, and nine were surrounded by fiberglass screening, which kept out just as much light but let in all the radio waves. After two months, the new shoots of the radio-shielded aspens were 74% longer, and their leaves 60% larger, than those of the other seedlings. In the fall, the mock-shielded and unshielded plants had sickly yellow to green leaves, covered with areas of decay. The radio-shielded aspen leaves were much bigger, free of decay, and brightly colored, the way aspens used to look every fall in Colorado: bright orange, yellow, green, dark red, and black.

In 2009, Indian zoologist Neelima Kumar performed a landmark experiment in which she exposed honeybees to an ordinary cell phone. After just ten minutes, the concentrations of glucose, cholesterol, total carbohydrates, total lipids, and total proteins rose tremendously in the bees' blood, or *hemolymph*, as it is called. In other words, after just ten minutes of exposure to a cell phone, the bees' metabolism had shut down. The explanation is simple: *microwave radiation interferes with electron transport in the mitochondria of every cell. This interferes with metabolism. The body can no longer metabolize sugars, fats or proteins efficiently.* It happens very quickly in bees because they have such a high rate of metabolism.

This also explains the alarming rise in diabetes, heart disease and cancer of the past few decades. When metabolism slows, sugars back up in the bloodstream, causing diabetes; fats back up and get deposited in arteries, causing heart disease; and the body is starved of oxygen, creating the conditions in which cancer cells thrive.<sup>1510</sup>

Moreover, there can be no doubt that they are deliberately targeting children with this radiation and, according to Joe Imbriano of the Fullerton Informer, in the fall of 2020, their well-planned "second wave" of the non-existent "coronavirus"<sup>1511</sup> will entail filling classrooms and school hallways with the 60GHz 5G frequency in order to make children fall ill. Some of the children will have trouble breathing while others may become paralyzed and/or lose their ability to speak. Some will die. The dark ones will blame it on "the virus" when in fact, it is the radiation and pulsed, modulated frequencies being directed at the children that are causing the problem.

Make no mistake about these technology systems. They are weaponized. We are now facing them turning these weapons on [in the schools]. 60 GHz millimeter waves are a component of the new WiFi systems. It's called WiGig. Chips are included in the industrial strength access points in the schools. I have records from several school districts confirming that the districts do not have any control of the effective radiative power or the frequencies of these industrial strength access points... Every one of these access points has the ability of being remote-controlled off-site, off premise... Every one of these access points in the schools is weaponized... The reason they want your children back in school is so they can use beamforming weaponized 60 GHz millimeter wave...emissions aimed at their faces to make them lose their breath and succumb to an illness that will mimic a respiratory ailment they will blame on the coming COVID-20 that they're gonna roll out.<sup>1512</sup>

Keep in mind that 60 GHz is the oxygen absorption frequency.<sup>1513</sup> It disrupts the body's ability to absorb and properly utilize oxygen. On top of this, the children are being commanded to wear masks. Therefore, they are already seriously deprived of oxygen and are breathing in carbon dioxide, sometimes for hours at a time,<sup>1514 1515</sup> which can harm the lungs and the entire body. When the 60 GHz frequency is added to this mix, it is going to cause a potentially lethal hypoxic situation<sup>1516</sup> that can look like altitude sickness<sup>1517</sup> and ultimately lead to death.

This is likely what happened at Cardinal Gibbons High School in Fort Lauderdale, Florida where dozens of students suddenly fell ill with symptoms including headaches, seizures, nausea,

vomiting,<sup>1518</sup> passing out, shortness of breath, nosebleeds, ear pain, and more.<sup>1519 27</sup> A similar “mystery illness” was experienced by children at Stockton Elementary School in Sacramento California,<sup>1520</sup> and also at Palisade High School in Grand Junction, Colorado<sup>1521</sup> where the media claimed that “acute-onset vomiting” meant that the illness was “behaving like a virus”. At Nichols Junior High in Arlington, TX, students and teachers were unable to catch their breath<sup>1522</sup> and experienced dizziness, headaches, nausea,<sup>1523</sup> as well as tingling and/or numbness in the extremities.<sup>1524</sup> Despite all the testing of air quality and for mold, nothing dangerous was found. Incredibly, nobody thought to measure radiation levels at any of the schools, despite every single one of these symptoms being associated with radiation sickness.

Significantly, two of the events listed above were reported within days of each other indicating that the dark ones ran a test of their millimeter wave frequencies at several different schools around the country at about the same time. The results are clear. These frequencies are going to harm many children. And right on que, the CDC has “prophesied” that we should soon expect children to develop a serious neurological condition called acute flaccid myelitis (AFM) that leads to paralysis and can be caused by exposure to modulated frequencies and radiation.<sup>1525 1526 1527 1528</sup>

Not surprisingly, there have been reports of students suddenly experiencing seizures and paralysis in schools.<sup>1529</sup>

Because these non-ionizing technologies are so effective at weakening and disrupting the morphological structure of human cells, both ultrasonic<sup>1530</sup> and microwave<sup>1531</sup> frequencies are being used to purposefully alter the genetics of humans and other animals. The process is called “gene transfection” and involves conjuring up cavitation bubbles (the ones mentioned earlier that tend to violently implode) which are then used to weaken cells<sup>1532</sup>

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<sup>27</sup> Coincidentally, Cardinal Gibbons High School is a Catholic college-preparatory school located in Broward County, Florida—the same county in which a well-known false flag attack occurred in 2018, carried out with the help of local law enforcement led by crooked sheriff, Scott Israel. Israel is a member of the Chabad Lubavitch cult whose leader, racist rabbi Menachem Schneerson, proclaimed that all non-Jewish souls are satanic and that Jews should be considered a completely different species from all other people on Earth. Schneerson also stated that non-Jews exist solely to serve the Jews. See <https://tinyurl.com/y5brs76s>, <https://tinyurl.com/y4o6usus> and <https://tinyurl.com/ygmdfyc> for more info.

in order to make the cells more permeable to the insertion of alien DNA and RNA.<sup>1533</sup>

In animal cells, transfection is the preferred term used to refer to progression to a cancerous state (carcinogenesis) in these cells... The word *transfection* is a portmanteau of *trans* and *infection*. Genetic material (such as supercoiled plasmid DNA or siRNA constructs), or even proteins such as antibodies, may be transfected. Transfection of animal cells typically involves opening transient pores or "holes" in the cell membrane to allow the uptake of material... Transfection can result in unexpected morphologies and abnormalities in target cells.

Additionally, according to an article entitled "*The Second Coming of Ultrasound*," (from which we can discern the *immense* anti-Christian, Luciferian megalomania that permeates the minds of those who support the genetic modification industry), ultrasonic technology is also being used to remote control genetically modified cells.

Instead of injecting manufactured microbubbles, Suono Bio uses ultrasound to make them in the wilds of the gut. They act like jets, propelling whatever is in the liquid into nearby tissues... Schoellhammer says they have yet to find a limit on the kinds of molecules they can force into the bloodstream using ultrasound. '*We've done small molecules, we've done biologics, we've tried DNA, naked RNA, we've even tried Crispr,*' he says. '*As superficial as it may sound, it all just works.*' Even more intriguing though, is the possibility of using ultrasound to remotely control genetically-engineered cells... The latest craze in oncology is designing the T-cells of your immune system... Wang's team took a big step last week publishing a paper that showed how you could convert an ultrasonic signal into a genetic one. The secret? More microbubbles. They coupled the bubbles to proteins on the surface of a specially designed T-cell. Every time an ultrasonic wave passed by, the bubble would expand and shrink, opening and closing the protein, letting calcium ions flow into the cell. The calcium would eventually trigger the T-cell to make a set of genetically encoded receptors.<sup>1534</sup>

Here they are deliberately triggering a disturbance in the calcium ion transport system using ultrasound, and this will wreak havoc

with neurological and psychospiritual functioning. “*Calcium-outflow windows [can] be used to interfere with the functioning of the entire brain.*”<sup>1535</sup> The creatures involved in this dark science are working with substances called “luciferin” and “luciferase,” both of which have been named after Lucifer—the overlord of the genetic modification process itself.<sup>28</sup>

Bioluminescence involves the combination of two types of substances in a light-producing reaction. One is a *luciferin*, or a light-producing substance. The other is a *luciferase*, or an enzyme that catalyzes the reaction. In some cases, the luciferin is a protein known as a *photoprotein*, and the light-making process requires a charged *ion* to activate the reaction. Neurological, mechanical, chemical or as-yet-undiscovered triggers can start the reactions that create light. The terms luciferin and luciferase both come from a Latin term *lucifer*, which means ‘light-bringer.’<sup>1536</sup>

Please note that the “*light-making process*” requires a *charged ion* in order to produce its “light” (lab-created radiation), sometimes referred to as “bioluminescence.” As was discussed at length earlier in this book, a charged ion (sometimes called an “unstable” atom) is an electrically imbalanced atom that has been forced to endure a violent mechanical and/or electrical assault that caused its electrons to be displaced from their orbits and/or not knocked out of the atom entirely. The nucleus of the atom may also have been destroyed—in which case the resulting energetic output is referred to as *nuclear radiation*. The radiation “light” thus produced is the result of deliberately attacking the basic building blocks of

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<sup>28</sup> For those who are new to the topic of Luciferianism, Lucifer is believed to be God’s adversary. He has, for many centuries, been on a mission to corrupt and destroy everything God has created, especially Mankind. Luciferians worship Lucifer as if he were God, and they take great pride in being able to morph, deform, corrupt, pollute, poison, and ultimately destroy everything that is good and beautiful in our world. Such destruction is pleasing to Lucifer because it is a way to disrespect God and all of His Creations. Luciferians now permeate the upper echelons of the American medical, military, and telecom industries as well as governments and media around the world. This is why the U.S. has become so blatantly corrupt and evil—because we, the American people, have allowed these dark entities to take over all the institutions of our society. We have also unquestioningly followed their lead into a hell-based, technocratic reality that is designed to separate us from nature and lead us away from God. Most of us participate in this dark reality without understanding what we are doing. The problem has escalated to such an extent that we are now sacrificing our own children and the future of our bloodlines on the altar of technological convenience.

Creation known as atoms/Adams. The “light” thus generated is the false light of Lucifer and all technologies that emit this light are wholly Luciferian.

Significantly, luciferase is being used in the COVID vaccine. This “vaccine” is designed to genetically alter recipients by injecting them with a self-assembling, wireless operating system<sup>1537</sup> that can turn them into biological robots controllable through frequencies and radiation.

The hydrogel [used in the vaccine] would contain the luciferase enzyme, which is bioluminescent and is used to report the transcriptional activity in cells that are transfected with a genetic construct. Why do they need that? They want to make sure that you’re vaccinated. They don’t trust medical records. They don’t trust you saying that you got vaccinated. They want to make sure and they want to make sure it was a successful transfection, a successful gene modification. So, when you get the luciferase enzyme, if you have an iPhone or special app on the iPhone, you can scan over that area and it will give a digital code, a digital imprint, a digital pattern. Something that will identify that you were vaccinated. It holds your vaccination record. It also gives you an ID a number, a bar code, a branding whatever you want to call it, a tattoo. It’s all the same thing. You now become like a product.<sup>1538</sup>

To get a sense of just how satanic this Luciferian “light” really is, let’s listen to the words of British military officers who were first-hand witnesses to this light during nuclear explosions after WW2.

We knew nothing. We were told very little except don’t look at the flash... We were told to cover our eyes with our hands or bury your eyes into the crook of your arm, which we did... In the process of your hands over your eyes, you saw every bone in your hand... It’s a sight to see, but I never want to see it again.<sup>1539</sup>

At the age of 18, they sent me to the nuclear test site. It was utter devastation... If I was looking at you now, I would see all your bones... About 30 seconds later, you’d get the blast, and the blast would knock you flying... I think it was too much for some of the men. Some of them were crying, asking for their mum. It was awful.<sup>1540</sup>

When I was 21 years old, I was sent to Christmas Island and witnessed 5 nuclear detonations. That was the defining point in my life... When the flash hit you, you could see the x-rays of your hands through your closed eyes. To say it was frightening is an understatement. I think it shocked us all into silence.<sup>1541</sup>

Note from these personal accounts how the reaper revealed himself to the men, all of whom saw their own skeletons thanks to lab-created radiation "light"—and this despite their eyes being closed. A similar type of experience occurred decades earlier when Wilhelm Röntgen (the alleged discoverer of x-rays)<sup>1542 1543</sup> enlisted his wife's help to duplicate the first x-ray experiments.

In December of 1895, Wilhelm Röntgen revealed the bones of his wife's hand in the first X-ray photograph. When Anna...saw the bones of her hand exposed beneath her skin, her wedding ring hovering above the skeletal knuckles, she exclaimed, '*I have seen my death.*' Anna was haunted by the exposure.<sup>1544</sup>

Soon thereafter, Röntgen wrote a letter in which he exclaimed, "*the Devil was let loose*" with his discovery of x-rays,<sup>1545</sup> Unfortunately, his interactions with the devil caused both he and his wife to die of "*gruesome*"<sup>1546</sup> radiation-induced illnesses<sup>1547</sup> that were very similar to the illnesses experienced by soldiers who witnessed nuclear explosions during and after WWII.

Over a ten-year test period, there were 22,500 personnel. In 2013, we estimated that 18,500 had died and practically nobody had died of natural causes. They all died of leukemias and cancers and carcinomas.

Significantly, one of the British soldiers who witnessed a nuclear explosion described feeling as if a fiery entity had walked through his body during the blast.

Then the heat hit you and that was as if somebody my size had actually caught fire then walked through me. It was an experience that was absolutely unearthing.<sup>1548</sup>

American soldiers describe similar experiences of witnessing nuclear explosions.



I cannot begin to describe the light that came into my eyes. I was totally blinded. When I came out of the blindness, I saw...the blood vessels and the bones in my arm. I was totally x-rayed."<sup>1549</sup>

The cloud just got bigger and bigger... It seemed like a fire was burning inside a cloud.<sup>1550</sup>

The light faded... and it was like giant fireballs in front of your eyes.<sup>1551</sup>

It felt just like if you take a red hot iron from an ironing board and put it to your neck.<sup>1552</sup>

Victims hit with military millimeter wave weaponry also describe similar experiences.

In research commissioned by the U.S. Army 'to find out why people ran away when the beam touched them,' they discovered that targets 'feel like [their] body is on fire.'<sup>1553</sup>

These testimonies seem to confirm that a portal is opened up through the use of lab-created radiation that allows a fiery, Luciferian force to enter our realm. Lucifer himself is described as both an "*angel of indescribable fire*"<sup>1554</sup> and an "*angel of light*."<sup>1555</sup> Of course, we are experiencing the myriad "benefits" of Lucifer's "light" as it now pours into our world.

Athena Chavarria, who worked as an executive assistant at Facebook... said: 'I am convinced the devil lives in our phones and is wreaking havoc on our children.'<sup>1556</sup>

Indeed, he is. And the demonic side of these technologies has been mentioned again and again by those intimately involved with their creation.

Robert J. Oppenheimer, who is said to be "*the father of the atomic bomb*,"<sup>1557</sup> clearly expressed the demonic side of atomic radiation when, upon witnessing the first nuclear explosion, he recalled an excerpt from the Bhagavad Gita and exclaimed, "*Now I am become Death, the destroyer of worlds.*"<sup>1558</sup> Oppenheimer was also recorded as saying "*I hope they cannot see the limitless potential living inside of me to murder everything.*"<sup>1559</sup>

Oppenheimer was an accused communist who had his security clearance revoked by the Atomic Energy Commission in 1953.<sup>1560</sup> Prior to that time, he had appointed many other communists to serve within the atomic energy program that were engaged in espionage at Los Alamos.<sup>1561</sup>

At least three of the five scientists under Oppenheimer's direct supervision leaked secret information about the atomic bomb to the Soviet Union.<sup>1562</sup>

Oppenheimer was described as a "*disturbed*" and "*psychologically volatile*" man and someone with so little capacity for love that he "*offered up his newborn daughter to a friend for adoption.*"<sup>1563</sup> His daughter later committed suicide.

With strong Communist connections Oppenheimer, disturbed and deeply jealous, twice committed acts that almost lead to murder. His allusions to pederasty ended a friendship and rumours circulated of affairs with homosexuals. Oppenheimer vaporized at least 129,000 people (atomic bombings of Hiroshima and Nagasaki August 6th and 9th 1945) and regretted that the weapon had not been available in time to use against Germany. Mankind has no comparison to the speed of lives lost as that of Oppenheimer's genocidal atomic bomb.<sup>1564</sup>

**Oppenheimer, along with Albert Einstein<sup>29</sup> and other allegedly "brilliant" Manhattan Project "physicists" like Jack Parsons—were not scientists at all but rather *kabbalistic sorcerers.***<sup>1565</sup> And although Einstein was actually quite insane, he was nevertheless promoted to "godhood" by the very same satanic forces responsible for polluting our Earth with both their presence and their deadly lab-created radiation.

One of the central figures in not only laying the theoretical groundwork but also persuading President Roosevelt to launch the whole atomic bomb program was Albert Einstein, a foreign-born Jew with 16 communist front affiliations.<sup>1566</sup>

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<sup>29</sup> Entire treatises have been written about the gross moral character of Albert Einstein and the fact that he was a plagiarist and a fraud. See the work of Christopher Jon Bjerknes, amongst others, for more information about this.

It should also be noted that it was Jewish 'pacifist' Albert Einstein who, together with Leo Szilard (another Jewish physicist), initiated the Manhattan project to produce the very first nuclear weapons. In 1939, it was Einstein who proposed to President Roosevelt that the United States begin its nuclear energy project.<sup>1567</sup>

Einstein is the fuzzy haired crackpot propped up as a high priest of this dark religion which consumed true science and sent us down our current dark path of dead godless atomism.<sup>1568</sup>

According to author and film maker, Chris Everard, by utilizing lab-created radiation and frequencies, the kabbalists were attempting to "*rip a hole in Space-Time*" so that demonic energies could pour into our world.

Nearly every major scientist on the H-bomb and A-bomb projects was from a Hebrew family background - why? It has little to do with the fact that they shared an interest in quantum or nuclear physics and EVERYTHING to do with the fact that the splitting of the Atom and manipulation of Matter itself had been written into the pages of the Judaic Kabbalah... The Kabbalah taught that all life was made from unseen tiny particles of energy...

For thousands of years, the Chaldean Judaic brotherhoods - called Cohens - had written about the visualisation of the smallest elements of matter - which were later to be named ATOMS...

Edward Teller's family were part of the Budapest Hebrew community in central-eastern Europe which had taught the ZOHAR and Kabbalah to its people orally for hundreds of years. It is from this tiny part of Europe... that all the world's leading atomic physicists come from. Every single one of the scientists who contributed to the Manhattan Project was Jewish and had family roots in eastern Europe. The strong folk heritage of Kabbalah... in the family backgrounds of Oppenheimer, Teller, and many other Eastern European Hebrew scientists all point to [their] concerted effort to attract demonic entities to our planet... Einstein and Robert Oppenheimer even wrote a letter to the president of the United States in 1947 describing these entities as 'Celestial Beings.'<sup>1569</sup>

Not surprisingly, learned rabbis have also made reference to these otherworldly entities when describing the connection between Kabbalah and the so-called "*laws of physics*."

The ancient Kabbalists...spoke about invisible worlds and those who dwell there, describing these realms with a cursive, poetic form of imagery [in order to] conceal within their words their knowledge of the laws of physics... The ancient Kabbalists...did not discover these matters on their own. Their knowledge was supposedly revealed to them by angels.<sup>1570</sup>

Lest we forget, Lucifer himself is described as an angel<sup>1571</sup> and, in many instances, he is referred to as a *fallen angel*.<sup>1572</sup> Fallen angels are beings who rebelled against God, seeking power for themselves (and, in the case of Lucifer, wanting to be worshipped as if he is God).<sup>1573</sup>

[Lucifer] opposes and exalts himself over everything that is called God or is worshiped, and even sets himself up in God's temple, proclaiming himself to be God.<sup>1574</sup>

Lucifer is a fallen angel (a demon) who leads other demons in hell and works to harm human beings. Lucifer was once among the most powerful of all archangels, and as his name suggests, he shone brightly in heaven. However, Lucifer let pride and jealousy of God affect him. Lucifer decided to rebel against God because he wanted supreme power for himself. He started a war in heaven that led to his fall, as well as the fall of other angels who sided with him and became demons as a result. As the ultimate liar, Lucifer (whose name changed to Satan after his fall) twists spiritual truth with the goal of leading as many people as possible away from God.<sup>1575</sup>

Those responsible for bringing nuclear and atomic "science" to our world appear to be part of this fallen angel crowd.

[L. Ron] Hubbard, [Charles] Manson, [Jack] Parsons, [Ed] Teller - they are all linked, either directly, or indirectly, with Robert Oppenheimer, the Manhattan Project, Bohemian Grove, the Kabbalah and Albert Einstein - and the core shared interest was the Hermetic mysticism in ancient Hebrew books which describe matter being assembled from small particles.<sup>1576</sup>

Theoretical physics, actually originates in Kabbalah and alchemy. From evolution to the Hadron Collider, we're being sold occult mysticism as modern science.<sup>1577</sup>

Has humanity effectively been duped into building the machines that will serve as the key to freeing a horde of entities from a dimensional prison?<sup>1578</sup>

Rabbinical writings speak to the relationship between nuclear physics, the Large Hadron Collider, and the Kabbalah.

Inside the [Large Hadron Collider] there are bunches of protons being smashed to smithereens by physicists... The scientists are doing practical Kabbalah experiments... Now, when some scientists smashed together a few atoms, you got nuclear energy... and nuclear devastation. That is why the Collider currently in use was very, very carefully planned.<sup>1579</sup>

The Hadron Collider is a gigantic atom-smashing machine (sometimes referred to as a "*particle accelerator*")<sup>1580</sup> located at CERN (European Organization for Nuclear Research) – an organization that uses 666 as its corporate symbol.<sup>1581 1582</sup> The collider was built in a huge underground tunnel near Geneva, Switzerland because, according to authorities, the Earth's crust provides protection against radiation.<sup>1583</sup> Such protection is necessary when atoms are being smashed to "*smithereens*"<sup>1584 1585</sup> because the atoms emit large amounts of radiation as they frantically try to put themselves back together after the unprovoked assaults being inflicted upon them.

The Hadron Collider is said to be able to "*destroy the fabric of space-time*" and "*potentially open wormholes and portals to other dimensions*".<sup>1586</sup>

Sergio Bertolucci, former Director for Research and Scientific Computing of the facility, grabbed headlines when he told a British tabloid that the super collider could open otherworldly doors to another dimension for 'a very *tiny lapse of time*, mere fractions of a second. However, that may be just enough time 'to *peer into this open door, either by getting something out of it or sending something into it*.'... This comment has triggered fears that the CERN collider could unwittingly invite unwanted visitors from other time-space dimensions.<sup>1587</sup>

CERN is built, in part, in a town called "Saint-Genus Poilly", which is thought to be the ancient site of a temple built to honor the god Apollo. This site is also believed to be a gateway to the underworld.

The name Pouilly comes from the Latin "Appolliacum" and it is believed that in Roman times a temple existed in honor of Apollo, and the people who lived there believed that it is a gateway to the underworld... Religious leaders, always suspicious of the aims of the scientific world, drew a connection to a verse straight out of Revelations (9:1-2, 11), which makes reference to the name 'Apollyon.' The verse states: *'To him was given the key of the bottomless pit. And he opened the bottomless pit... And they had a kind over them, which is the angel of the bottomless pit, whose name in the Hebrew tongue is Abaddon, but in the Greek tongue hath his name Apollyon.'*<sup>1588</sup>

And

What's really happening at CERN on July 5<sup>th</sup>? [It seems that internet users] have come up with bizarre theories. One of them strangely links the forthcoming experiment to Netflix show Stranger Things...[which] revolves around a scientific experiment gone wrong that accidentally opens a portal to the Upside Down, aka another dimension. The Upside Down is filled with dark and dangerous creatures that start seeping into our world through the cracks.<sup>1589</sup>

The creatures working at CERN have been strangely attached to proving the existence of a so-called *God particle*<sup>1590 1591</sup> which is sometimes referred to as "*tachyon*" and other times referred to as "*Higgs Boson*".<sup>1592</sup> This illusive particle is said to have the ability to "*unstick matter...leaving everything free from the influence of the universe.*"<sup>1593</sup> This particle is said to have the potential to destroy the Earth, or – as the dark forces like to describe it – free this dimension from the "stickiness" of Divine Order.<sup>30</sup>

'The God particle found by CERN could destroy the universe,' Hawking wrote in the preface to a book, Starmus, a collection of lectures by scientists. The Higgs

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<sup>30</sup> Incidentally, they use a variety of devices in their myriad attempts to blow holes in the space-time continuum. See "*Physicists Are Creating Lasers Powerful Enough to Rip Holes in the Fabric of Reality*". [tinyurl.com/y4oz2dnh](http://tinyurl.com/y4oz2dnh)

Boson could become unstable at very high energy levels and have the potential to trigger a 'catastrophic vacuum decay which would cause space and time to collapse and...we would not have any warning to the dangers'.<sup>1594</sup>

An article published on July 5, 2022, entitled *Could the mystery of dark matter finally be revealed? CERN's Large Hadron Collider is Smashing Protons Together at a Rate of a BILLION Per Second in an Attempt to Unlock the Secrets of the Universe*, states that experiments with the collider at CERN will provide "insights into topics including the formation of the universe and even its ultimate fate".<sup>1595</sup> Below is a brief explanation of the alleged purpose of the experiments.

[The collider] will send two beams of protons (particles in the nucleus of an atom) in opposite directions at nearly the speed of light around a 27-kilometre (17-mile) ring buried 100 metres under the Swiss-French border. The resulting collisions will be recorded and analysed by thousands of scientists as part of a raft of experiments, including ATLAS, CMS, ALICE and LHCb, which will use the enhanced power to probe dark matter, dark energy and other fundamental mysteries.<sup>1596</sup>

And what is dark matter?

One of the machines, ALICE, hopes to study a quirky phase of matter known as "quark-gluon plasma," where atoms literally melt away into a superhot soup...

LHCb (short for "LHC beauty") aims to examine one particular particle called the "beauty quark." *Scientists think the beauty quark can teach them more about the differences between matter and its opposite-charged destructive twin antimatter. When matter and antimatter touch, they annihilate each other.* The Big Bang ought to have created matter and antimatter in equal amounts, but it seems to have made excess matter—the matter that surrounds us. This imbalance has no explanation.<sup>1597</sup>

Of course, what is actually being described here is the fact that the creatures involved in these experiments believe the Creator (who they refer to as the "Big Bang") made a mistake by bringing forth an "excess" of matter (i.e., the energy of love and goodness) –

and not enough "anti-matter" (i.e., the energy of evil and destruction). Accordingly, in the minds of these diabolically insane psychopaths, this "imbalance" must be corrected by: (a) ritually opening portals that will allow demonic energies and entities to pour into the Earth dimension; and (b) destroying, murdering, poisoning, mutating, annihilating or otherwise extinguishing as many innocent living beings as possible because these innocent beings are particles of The Good ("sparks of Divine Light") and therefore, must be eliminated from the Earth and returned back to their Source in order to create "balance". Wikipedia explains:

*Tikkun olam*...is a concept in Judaism which refers to various forms of action [that must be taken by Jews in order to] repair and improve the world... In Lurianic Kabbalah, the "repair" is mystical: to return the sparks of Divine light to their source by means of ritual performance.<sup>1598</sup>

The goal of [tikkun olam] repair...is to separate what is holy from the created world, thus depriving the physical world of its very existence—and causing all things to return to a world before disaster within the Godhead and before human sin, thus ending history.<sup>1599</sup>

"Coincidentally", a ritual performance took place in 2016, ostensibly to celebrate the opening of the Gotthard Tunnel near CERN. Many who witnessed this satanic ritual<sup>1600</sup> claim that its true purpose was to open a portal to release the devil from the underworld and allow demonic energies to spew forth into our realm.<sup>1601 1602 1603</sup>

Many are concerned that CERN is attempting to open a portal into another dimension that will allow demonic entities to enter ours. This was blatantly portrayed in a (2016) ritual to celebrate the opening of the Gotthard Tunnel.<sup>1604</sup>

Despite all of the information just shared, we can all rest easy thanks to a mysterious creature calling herself "Sofia K", who claims there is really nothing for us to worry about.

Until the collider was built, there was much theory but little way to test these theories outside of a simulation... But thanks to the [Large Hadron Collider], scientists were able to identify the top quark as well as the Higgs boson,



or 'God particle.' Both discoveries quite literally opened the door to a whole new world of understanding of our cosmos...

I really do not think there are those twirling their mustaches [at CERN], waiting to see if a black hole swallows the planet.<sup>1605</sup>

Phew. I'm sure we will all rest easier now that "Sofia" has assured us there is nothing to be concerned about.

But then again – wasn't there a Jewish goddess named Sophia<sup>1606</sup> who also happened to be a fallen angel<sup>1607</sup> and who some claim is the true Lucifer?<sup>1608</sup>

I'm sure it's all just a coincidence.

Not.

Another interesting "coincidence" involves the fact that CERN has a very close working relationship with Israel, and in particular, with Israeli medical companies including ImmunoBrain Checkpoint and HIL Applied Medical.

CERN has initiated a pilot programme in collaboration with the Israel Innovation Authority (IIA)... Four exciting projects have been selected by CERN and IIA...: CEVA, All-In-Image, ImmunoBrain Checkpoint and HIL Applied Medical. The four companies were awarded funds from the IIA to start a close collaboration with CERN. The collaboration... has shown that the Israeli ecosystem has very "fertile ground" for growing meaningful use cases out of CERN technology... Scientific advances in accelerators, detectors and computing have historically led to positive impacts on medical and biomedical technologies. Three of the four selected projects relate to medical applications.<sup>1609</sup>

Moreover, in front of CERN's headquarters stands a statue of Shiva, the god of destruction.<sup>1610</sup> Although some are foolish enough to pretend there is nothing sinister about all of this, in fact, very dark rituals have taken place at or near CERN,<sup>1611</sup> including a ritual involving human sacrifice, a portion of which appears to have been captured live on video.<sup>1612</sup>

Dark occult rituals utilizing frequency-altering technologies are taking place all around the Earth.<sup>1613</sup> For example, another bizarre ritual recently took place at the HAARP facility in Alaska that was described in the media as an “*art transmission*” and broadcast live on the internet between March 25-28, 2019. Please keep in mind as you read the following information that the bible refers to Lucifer as the “*prince of the power of the air*”<sup>1614</sup> and the HAARP ritual was “coincidentally” named “*Ghosts in the Air Glow*.”<sup>1615</sup> According to the write-up, Amanda Dawn Christie is the “*transmission artist*” who brainstormed the event. She is claimed to be an assistant professor in Concordia University’s Department of Studio Arts. Yet despite her alleged low-level status, she somehow managed to get HAARP controllers to allow her to use their facility—even though the facility was allegedly closed down in 2014.<sup>1616</sup>

According to the media, Amanda’s plan was to send “*poetic texts written in Morse code*” and use the “*NATO phonetic alphabet*” to send “*art transmissions*” that address “*issues related to military research, surveillance, political territories, ionospheric science, and conspiracy theories.*” Of course, the question arises as to how an assistant art professor has learned Morse code and gained access to the NATO phonetic alphabet—and what, exactly, she knows about issues related to military research and surveillance, political territories, ionospheric science, etc. The event is described as follows:

**Embedding ‘ghosts’ into the airwaves** - The common thread weaving each segment together is the idea of the ‘ghosts,’ or rather the esoteric activity that inhabits our airwaves, says Christie. She explains that when radio was first discovered in the 1800s, spiritualist movements of the era believed the souls of the dead occupied the electromagnetic (EM) spectrum... I liked the connection made by 19th-century spiritualists between matter, energy and EM waves on both a poetic and metaphorical level,’ Christie adds. ‘By embedding images and sounds into the airglow, I’m also in a way embedding my own ‘ghosts’ into the EM spectrum.’<sup>1617</sup>

Although we are told that “*Amanda’s project will be a valuable contribution to the 50-year collection of scientific work in the field of ionosphere radio modification, and also to the brand new collection of artistic work using powerful high-frequency radio*

*transmitters and the upper atmosphere,*"<sup>1618</sup> it is also quite possible that Amanda's handiwork may have contributed to an influx of "ghosts" that now inhabit people's homes. Below is one person's description of what happened to him after 5G antennas were installed near his home in Geneva, Switzerland.

I, who has...never had any sleep problems, suddenly had trouble falling asleep. Especially I felt at home, how to say, as in a microwave. I was not well in the house, *as if I was surrounded by ghosts...* Three antennas 5G have just been put into service nearby and other people complain of identical disorders, headaches, fatigue... For the first time, when I never had an earache... my ears whistled. It woke me up at night. The unpleasant sensation of being used, caught in a straitjacket where he does not choose to be, assails him. His neighbor Elidan Arzoni, 50, is no better. On the same date, similar symptoms, more acute, appear in this actor, director and director of the Company *Metamorphoses*. 'It happened overnight,' he says, 'my ears started to make sounds, very loud, even though I did not even know what tinnitus was.' At the same time, he feels pain on the left side of the head and behind the skull. And a heart discomfort so violent that he thinks of a heart attack and that two days later, he goes to the emergency room.<sup>1619</sup>

And

The smart home is a haunted house. The door locks itself behind you. The lights turn on and off by themselves. A strange energy animates your house, and **an unsettling, almost sentient presence watches you from its walls**. Your house might be haunted, or it might be smart.<sup>1620</sup>

Obviously, we all need to be wary of these dark occult rituals since they involve the use of radiation-emitting technologies that alter the natural frequencies of the Earth as well its protective ionosphere. The ionosphere is so named because it acts like a force field protecting the Earth from absorbing the intensity of radiation coming in from space. This same protective boundary correspondingly traps artificial radio and microwaves within the Earth's atmosphere, as the waves bounce off the natural force field, shooting them right back to the Earth.<sup>1621</sup> Hence, it is

through the manipulation of the "ionosphere" that the dark ones can permeate the Earth with microwaves and other forms of lab-created radiation including ultrasound, causing Mankind and all life forms to be cooked in a cauldron of Luciferian, radiation soup. Moreover, there is no doubt that kabbalists believe that if they can blow a hole in the ionosphere, their much-beloved demons can pour into our world.

The absolute commitment these kabbalists have to bringing demons into our world was perhaps best exemplified by a creature calling himself Jack Parsons, who was one of several insane "nuclear physicists" bent on destroying the Earth.<sup>1622</sup> Parsons was responsible for creating explosive rocket fuels that aided in the delivery of nuclear bombs. He was a sexual deviant having had sex with his mother, her dog, and an ongoing affair with his wife's 17-year-old sister.<sup>1623 1624</sup> He was also a victim of satanic ritual abuse<sup>1625</sup> and a follower of Aleister Crowley. Parsons literally believed himself to be the anti-Christ and, in a ritual designed to fully align himself with this energy, Parsons self-baptized himself "Armiluss"—or the Jewish anti-messiah.<sup>1626</sup> Below are important details about this once well-funded, well-respected "scientist."

Parsons was a descendant of one of the founders of the Satanic "Hell-Fire Club" in Britain. He himself was the leader of the California branch of Aleister Crowley's Ordo Templi Orientis (OTO).<sup>1627</sup>

Parsons was a kabbalist who was ruthlessly committed to unlocking the secrets of the Dark Side of the Tree of Life. He was a student of Hebrew and fiercely loyal to Israel.<sup>1628</sup>

Journals reveal that one Hebrew family name after another after another make up the membership of Parsons' 'Synagogue of Satan'.<sup>1629</sup>

Parsons took on the ancient Judaic teachings that Christ and his church were the enemy of civilization and that it had to be destroyed.<sup>1630</sup>

In 1950, the FBI would investigate Parsons over the theft of rocket documents from the Hughes Aircraft Company; after being discovered, Parsons was immediately fired, and would later lose his top secret clearance. 'He planned to submit [the stolen documents] with [an] employment

application...for employment in the country of Israel,' read the original FBI report.<sup>1631</sup>

[Parsons] was a sworn Black Magician, dedicated to Satan... Out in the Mojave Desert, L. Ron Hubbard [who called himself FRATER H and was a fellow disciple of Aleister Crowley] and Jack Parsons performed a ritual... Hubbard helped Parsons baptise himself as the SON OF SATAN - the 'Armilus', which is the Hebrew name for the AntiChrist.<sup>1632</sup>

During the Mojave Desert ritual, Parsons masturbated, offering his sperm to the dark side of the Tree of Life.<sup>1633</sup>

Parsons conducted a giant satanic ritual aided by fellow O.T.O. member Frater 'H'... [This is] one of the dark[est] rituals known to kabbalists. [It is called] "*The Babylon Working*"... Aided by Frater 'H', [the two men] projected their astral bodies into the dark abyss of Lucifer... Parsons had a sex magic partner in the O.T.O. named Marjorie Cameron... Marjorie confessed that she had been part of the 'Babylon Working' ritual. She said that it had been devised by Jack Parsons, L. Ron Hubbard, Aleister Crowley and Manhattan Project scientists based at the Los Alamos Atomic Bomb research unit headed by Jewish scientist Robert Oppenheimer. Marjorie confessed that during the Babylon Working...Parsons had sexually impregnated her at the point when the spirit of the antichrist was bestowed on him. [Marjorie] had been made pregnant with the child of the antichrist... During the ritual, Frater H saw Parsons rip a hole in space-time and something flew in.<sup>1634</sup>

The entire central goal of Parsons and Hubbard's rituals in the desert was to create a Homunculus Moonchild - a hybrid anatomical abomination which is part Demon-spirit, part Human.<sup>1635</sup>

They were breeding what the kabballah calls a GOLEM. A GOLEM is an artificially created humanoid usually made from dead human body parts which is animated by the magician chanting incantations and mantras.<sup>1636</sup>

**Significantly, in order to make the homunculus or golem-baby's body more inviting to demonic forces and more**

**easily inhabited by same, the body was repeatedly exposed to large doses of lab-created radiation both *in utero* and outside the womb.**<sup>1637</sup>

The purpose of [the ritual] was to create an evil successor to Parsons and Crowley. This would be done using a variety of techniques - one of which included exposing a foetus to massive radiation doses... Cameron [and] Parsons aborted at least two of their babies which were then exposed to radiation in occult rituals.<sup>1638</sup>

It is conceivable that the fetus was placed in the center of the canister and irradiated with the blast of the worlds first atomic bomb thus infusing the demon child with what kabbal[ists] call the demonic force of atomic fire.<sup>1639</sup>

Can it possibly be just a coincidence that almost all babies being born today are exposed to high levels of radiation while *in utero* through ultrasound and parental use of non-ionizing technologies like cell phones and WiFi devices? Is it possible that these technologies have been deliberately mainstreamed into our society as a way of making *all* children more accessible to, and more easily influenced by, Luciferian forces? Could this also be why “they” are using the body parts of aborted human babies in the creation of vaccines and then injecting this dead material into the bodies of pregnant mothers and very young children? Are they trying to turn all children into Luciferian golems?

We do know that cell phone use of teenagers and children is destroying the humanity of their brain. It is limiting the development of their brain in a way that certain aspects of humanity – like compassion and considering others – are the first parts of the brain that get disabled.<sup>1640</sup>

To be sure, these sociopaths believe that they can use lab-created radiation and frequencies to give rise to bodies that *look* human but are not really human since they are easily inhabited by Luciferian energies.

They’ve got the secret of the micro-currents. It’s so micro, so specific, these radio waves that actually create the bodies... The [bodies] look human [thanks to] the electrical vibration.<sup>1641</sup>

Thankfully, after decades of being an obedient servant to Lucifer, Parsons blew himself up in his home laboratory while he was "*building a devastating horrid planet-killer super bomb funded by the state of Israel.*"<sup>1642</sup>

Of course, early ultrasound researchers like Alfred Lee Loomis and Robert Wood rubbed noses<sup>1643</sup> with so-called "nuclear physicists" such as Albert Einstein and Niels Bohr.<sup>1644</sup> All of these psychopaths were cut from the same cloth and hence, they all worked together on the Manhattan Project. Lab-created ultrasound was a fundamental part of their magical workings and was no doubt spawned as a result of the kabbalistic teaching that claims "*the whole universe is founded upon sound.*"<sup>1645</sup>

The basis for all nuclear physics can be found in the Kabbalah [which puts forth] the idea that all matter is made from small invisible particles [atoms], and that these particles can be manipulated through sound.<sup>1646</sup>

Physical matter is founded upon sound... ***Sound is the fifth dimension that gives rise to [and can thus destroy] four-dimensional space-time beneath it....*** Some 20th century scientists have become aware of the power of oscillating sounds and can manipulate them in amazing manners.<sup>1647</sup>

By simply bombarding tiny bubbles with sound waves, temperatures of over 10 million degrees would be created. A nuclear fusion... would be happening almost effortlessly here on Earth.<sup>1648</sup>

And so it is clear that their fascination with lab-created ultrasound (and infrasound) stems from their belief that they can use this energy to destroy our world and/or turn it into a Luciferian prison within which Lucifer, and not our loving Creator, will control the Earth and everything that exists here. Significantly, according to high-ranking Freemason, Manly P. Hall, the radiation symbol itself is designed to represent the Luciferian conquest of our world.<sup>1649</sup>

To these evil, insane, cabalistic Jewish psychopaths, the Bomb represents their 'God.' This is the deity whom the prophet Daniel, in the Holy Scriptures, identifies as the '*God of Forces.*' ... To his obedient disciples, the God of Forces bequeaths his divine Luciferian current. By using

this supernatural energy current, the Masonic potentates of the Jewish-led Illuminati believe they will destroy their enemies and establish the final kingdom on planet earth. That kingdom...will be a Jewish Utopia overseen by a Jewish Messiah, a divine new King of Israel.<sup>1650</sup>

Those who would enslave you...have utilized the dark, extraterrestrial negative technologies combining a dirty electromagnetic frequency signal with a weaponized sound harmonic and a mutated chemical, distorted pathogenic cocktail, in order to prevent human DNA from receiving light, and thus information and memory.<sup>1651</sup>

Sadly, now that the door has been opened for this wicked energy to reside in our world, things are going downhill fast. British soldiers who witnessed nuclear blasts tell their stories below and what happened to them is now happening to us simply because we are being exposed to technologies like cell phones and other devices that emit non-ionizing radiation.

My first daughter was born in 1960 and sadly, by the time she was 11, she developed a problem which completely changed her appearance. She grew a hump on her back. She started to grow hair all over her body. We had to shave her twice a day. She suddenly passed away in my arms.<sup>1652</sup>

The thing is, guys couldn't have children. People's children suffered from numerous ailments, things that came out twisted... twisted bones... My youngest daughter has it the worst. She's had everything wrong. Everything is still going wrong. She's lost all her teeth, same as I did. I lost all my teeth.<sup>1653</sup>

Grahlf's daughter suffered from endocrine problems throughout her teenage years and died of a malignant brain tumor in 1996 at 46. One son has bipolar disorder. Another has Addison's disease, a rare adrenal condition. His granddaughter was born with a deformed foot.<sup>1654</sup>

The other thing which devastated me... it took me a long time to recover from this and I will never forgive the authorities for putting me in this situation... I couldn't have children.<sup>1655</sup>



As was discussed earlier, infertility is a common side effect of exposure to lab-created radiation, including ultrasound. In Truth, non-ionizing technologies of all kinds are causing infertility as well as other troubling reproductive outcomes.<sup>1656</sup>

Irreversible infertility in mice after 5 generations of exposure to radiofrequency radiation from an 'antenna park'.<sup>1657</sup>

Cellphone radiation-exposed human sperm die three times faster, swim significantly more poorly, become more deformed, and develop significantly more damage to their DNA.<sup>1658</sup>

RF-EMR in both the power density and frequency range of mobile phones enhances mitochondrial reactive oxygen species generation by human spermatozoa, decreasing the motility and vitality of these cells while stimulating DNA base adduct formation and, ultimately DNA fragmentation. These findings have clear implications for the safety of extensive mobile phone use by males of reproductive age.<sup>1659</sup>

The mating frequency of males sham-exposed in utero... differed from the mating frequency of UWB-exposed males [ultra-wideband electromagnetic waves]. The UWB-exposed males mated significantly less often [and] emitted significantly more stress vocalizations than the sham-exposed pups.<sup>1660</sup>

It's interesting, isn't it? They (the tower installers) appear to be fixated on putting towers in the place they can do the most health damage [near schools]...especially to young boys whose reproductive capacities can be diminished or destroyed by EMFs. Perhaps the United Nations is serious about eliminating 90 percent of the population?<sup>1661</sup>

Miscarriage and birth defects are common side effects of exposure to RF/EMF and all forms of lab-created radiation, as the following quotes will confirm.

Recent studies indicate heavy cell phone use [is] associated with 5x the rate of miscarriage.<sup>1662</sup>

Of the microwave-exposed women, 47.7% had miscarriages prior to the 7<sup>th</sup> week of pregnancy.<sup>1663</sup>

Miscarriage occurred in 10.4 percent of the women with the lowest measured exposure level...and 24.2 percent [in] women with the higher measured exposure level.<sup>1664</sup>

Mobile phones and WiFi signals may increase the risk of miscarriage in pregnant women by nearly 50%. The cause is magnetic field (MF) radiation that's emitted by power lines and cell towers... Those exposed to the highest levels of MF radiation are 48% more likely to lose their baby.<sup>1665</sup>

Pregnant women are also exposing their unborn children to harmful radiation when carrying a cellphone on their body, or using it near their body. According to recent research, prenatal exposure to power-frequency fields can nearly triple a pregnant woman's risk of miscarriage. Several other studies have also linked prenatal EMF exposure to an increased risk of miscarriage.<sup>1666</sup>

Female fertility and in fact, the entire genetic integrity of Mankind, is at risk from these technologies.<sup>1667</sup>

The adverse effects of WiFi include irreparable damage to the DNA in ovarian follicles.<sup>1668</sup>

Research on the effects of EMFs on ovarian follicles has shown that oocyte nucleoli became smaller and deformed... Ominous effects of EMF exposure on the number of ovarian follicles and the ovarian reserve were observed in this animal study.<sup>1669</sup>

Low level microwaves can interfere with the genetics in the ovarian follicles. Now what that means [is that] young girls when they're born, will have up to four hundred eggs in their ovaries. The microwaves can damage the genetic structure in those ovaries. So, when this young girl grows up, gets married, and has children, if she has a daughter, this particular mitochondrial genetic damage is irreparable. There is nothing at all that can repair it.<sup>1670</sup>

Imagine 57.7% of all of the schoolgirls with WiFi in their classrooms: all day - all year - all through their school

career, in every country using it, in the World! In just two generations we could have more dead/sick infants than resulted from both World Wars... A minimum of 57.7% of schoolgirls exposed to low-level microwave radiation (WiFi) are at risk of suffering stillbirth, foetal abnormalities or genetically damaged children, when they give birth.<sup>1671</sup>

Are your daughter's eggs being hardened so that they will not be penetrable to sperm? ... Human follicles (eggs) may indeed harden in response to persistent RF microwaves, which are felt as 'penetrations'...Eggs that undergo zona response from microwave radio frequencies pulsed against the belly (think iPad Infertility pad) might only respond someday to fertilization in a lab<sup>31</sup> with a needle.<sup>1672</sup>

Birth rates have plummeted in the U.S. and elsewhere as a result of these radiation-emitting technologies and entire genetic bloodlines may be doomed to extinction.

This spring, the United States reported its lowest birth rate in 30 years, despite an economic boom... The CDC reports that more than 12 percent of American women – one in eight – have trouble conceiving and bearing a child. Male fertility is plunging, too, and the trend is global.<sup>1673</sup>

Last year, about 3.8 million babies were born in the U.S.... the lowest recorded number of births in 30 years... What's more, there were about 60 births per 1,000 women ages 15 to 44, which is... the lowest recorded rate since the government started tracking birth rates in 1909.<sup>1674</sup>

In 2016, the fertility rate in the United States was the lowest it has ever been... Birthrates declined to record lows in all groups under age 30.<sup>1675</sup>

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<sup>31</sup> Artificial reproductive technologies are part of the Luciferian end-game; they are a primary means by which the Luciferians are attempting to mimic the power of God and corrupt the creation of life. Creating mass infertility is part of their plan because it means reproduction will be placed in their hands. Children will be created in loveless laboratories. Pregnancy and birth will be turned into a technological nightmare (actually, they already are), and lab-created, traumatized, hybrid-humans will operate in service to the dark side. This is the Luciferian wet dream and it would behoove us to familiarize ourselves with their plans. See *Birth Trauma and the Dark Side of Modern Medicine* for more information about this.

The rate of teen births is also down 7% in 2018 as compared to 2017, 60% since 2007 and 72% since 1991; at the same time 41% of high school students are sexually active and of those only 59% use a condom, 19% use birth control pills and 1.6% used an IUD or implant to prevent pregnancy.<sup>1676</sup>

A 72% decline in under 30 years is obviously *very* concerning, as is the fact that the decline began in 1991—about the same time the FDA exponentially increased the radiation output limits of obstetrical ultrasound machines<sup>1677</sup> (and also about the same time cell phones began to be mainstreamed into American society).<sup>1678</sup> Some of the children who were exposed to very high levels of ultrasonic irradiation *in utero* have now grown up and come of age in a microwaved world that has bombarded them 24/7 with radiation-emitting technologies including, but not limited to, baby monitors, WiFi routers, cell phones, cordless phones, smart meters, iPads, WiFi in schools and homes, cell towers, microwave ovens, etc. If western societies keep moving in this direction, it will be a miracle if any of these highly irradiated children will be able to produce genetically healthy children of their own, if they can reproduce at all.

The Australian ABC television investigative programme, Four Corners, claimed in a documentary on electromagnetic health effects, that in a factory which used radiofrequency heaters for sealing plastics, that of 17 women who worked at sealing machines, 14 had miscarried... This evidence supports a causal relationship between EMR exposure and serious adverse reproductive outcomes such as miscarriage, prematurely, still birth, low birth weight, SIDS and congenital malformations.<sup>1679</sup>

In his recent publication concerning 5G, Martin Pall references 18 studies documenting the fact that exposure to EMFs lowers fertility.

These include tissue remodeling changes in the testis, lowered sperm count and sperm quality, lowered female fertility including ovary remodeling and oocyte apoptosis, lowered estrogen, progesterone and testosterone levels..., increased spontaneous abortion incidence, and lowered libido. We already have sperm count drops to below 50% of normal in every technologically advanced

country on earth. We also have fertility drops to well below replacement levels in every technologically advanced country on earth, with one exception.<sup>1680</sup>

If a couple is lucky enough to actually conceive a child, and if that child manages to survive the radiation-filled pregnancy and birth process, the child is likely to suffer from some form of radiation-induced damage to his or her genetics, nervous system, brain, reproductive organs, etc. Hence such a child will be susceptible to experiencing infertility, cancer, and neurological and/or neurobehavioral disorders during his/her life.

Here we demonstrate that fetal exposure to 800–1900 MHz-rated radiofrequency radiation from cellular telephones leads to behavioral and neurophysiological alterations that persist into adulthood. Mice exposed during pregnancy had impaired memory, were hyperactive, and had decreased anxiety, indicating that *in-utero* exposure to radiofrequency is a potential cause of neurobehavioral disorders.<sup>1681</sup>

Divan et al. (2008) reported that prenatal and to a lesser degree postnatal exposure to cell phones is associated with emotional and hyperactivity problems in 7-year old children. This finding was confirmed in a second replicative study involving different participants... Birks et al. (2017) used data from studies in five cohorts from five different countries (83,884 children) and concluded that maternal mobile phone use during pregnancy increased the risk that the child will show hyperactivity and inattention problems.<sup>1682</sup>

RF radiation also reduced the amount of brain cells in animal models. Rats exposed to wireless radiation showed that postnatal EMF exposure caused a significant decrease in the number of pyramidal brain cells.... A similar study showed that rats exposed to RF had a significantly decreased number of Purkinje cells in the cerebellum. Purkinje cells, also called Purkinje neurons, are brain cells in vertebrate animals located in the cerebellar cortex of the brain. In a review of all autism literature a significantly reduced number of purkinje brain cells in the cerebellum was a commonality... A number of studies have reported that RF-EMF exposure of animal models increases blood-brain barrier permeability, impairs intracellular calcium

homeostasis, alters neurotransmitters, and increases neuronal loss and damage in brain tissue.<sup>1683</sup>

Due to the overwhelming evidence showing harm, Dr. Martin Pall has concluded the following:

We already face four existential threats produced by microwave frequency EMF exposures to the survival of every technologically advanced society on earth:

- Cumulative and irreversible neurological/neuropsychiatric effects.
- Cumulative and irreversible reproductive effects.
- Cumulative and irreversible cardiac effects, leading to sudden cardiac death.
- DNA effects in germ line, including sperm cells, leading to major impacts on our gene pool and high mutation frequencies.

Any one of these can destroy us on its own and with the ever-increasing exposures and especially the vast increases in exposure that the 5G rollout will inevitably produce, that destruction is likely to be imminent.<sup>1684</sup>

Dr. Pall goes on to state elsewhere:

We have a series of 5G linked events that have occurred in more than one situation...

1. Neurological/neuropsychiatric effects reported both in Switzerland and in Stuttgart Germany following following 5G "rollout"...
2. Three suicides within 11 days of each other in the first 5G ambulance personnel.
3. Cardiac effects also reported in both in Switzerland and in Stuttgart Germany, effects similar to those found in humans in following other EMF exposures as well as in animal experimental studies.

4. Two cases of massive, almost instantan-eous 5G bird sudden cardiac death effects, one in the Netherlands and one in the UK.
5. We have cases of mass panic in cattle, as well as other neurological/neuropsychiatric effects in cattle and sheep.
6. We have multiple cases of human limb birth defects in France and Germany.
7. We have multiple cases of apparent 5G fires in Korea and in Southern California.
8. We have large apparent increases in EHS [radiation sickness] in Stuttgart Germany.<sup>1685</sup>

Based on all the information thus far presented in this book, it would seem that a prediction made in the Vedic tradition centuries ago regarding the times we are now living in is spot-on. It states that during the kali yuga, *"There will be many children born whose life expectancy is no more than sixteen years."*<sup>1686</sup> Indeed, it appears that is exactly where we are heading thanks to the radiation poisoning of our world. Now, with 5G frequencies planned to go as insanely high as 100 billion hertz,<sup>1687 1688</sup> and with **each 5G cell phone planned to contain over 1000 microwave antennas**<sup>1689</sup> (each designed to beam laser-like, radiative energy at the human brain and body), we can be sure that deaths are going to happen very, very quickly.

Your cell phone will have within it dozens of antennas all working together to shoot a powerful laser-like beam at the nearest cell tower. And instead of having three, six, or nine antennas, broadcasting in all directions, the cell tower will have an array of hundreds or thousands of millimeter sized antennas all working together to shoot multiple, individual, laser-like beams at you and everyone else who is holding a cell phone.<sup>1690</sup>

5G base stations and 5G devices will have multiple antennas arranged in "phased arrays" that work together to emit focused, steerable, laser-like beams that track each other. Each 5G phone will contain dozens of tiny antennas, all working together to track and aim a narrowly focused beam at the nearest cell tower. The US

Federal Communications Commission (FCC) has adopted rules permitting the effective power of those beams to be as much as 20 watts, ten times more powerful than the levels permitted for current phones. *Each 5G base station will contain hundreds or thousands of antennas aiming multiple laser-like beams simultaneously at all cell phones and user devices in its service area.* This technology is called "multiple input multiple output" or MIMO. FCC rules permit the effective radiated power of a 5G base station's beams to be as much as 30,000 watts per 100 MHz of spectrum, or equivalently 300,000 watts per GHz of spectrum, tens to hundreds of times more powerful than the levels permitted for current base stations.<sup>1691</sup>

Although the telecom industry and the FCC have tried to convince us that these wicked technologies are somehow beneficial,<sup>1692</sup> in fact, every one of these devices is part of a genocidal kill grid designed to inflict serious harm.<sup>1693 1694 1695 1696</sup>

When all the 5G cells are connected, our children will be living in a global airport body scanner 24/7.<sup>1697</sup>

5G is proven to be radically more penetrating, gene cutting and cell destroying than 4G that is already causing horrific human damage, especially in the womb. If all goes according to plan... no future children are to be exempt in the public domain from forced DNA breaks from 5G exposure in the womb.<sup>1698</sup>

Friends and acquaintances and their children in Vienna are already reporting the classic symptoms of EMR poisoning: nosebleeds, headaches, eye pains, chest pains, nausea, fatigue, vomiting, tinnitus, dizziness, flu-like symptoms, and cardiac pain. They also report a tight band around the head; pressure on the top of the head; short, stabbing pains around the body; and buzzing internal organs... Seemingly overnight a forest of 5G infrastructure has sprouted in Austria. In the space of three weeks one friend has gone from robust health to fleeing this country, where she has lived for 30 years.<sup>1699</sup>

5G radiation is almost entirely absorbed by the skin. It resonates most strongly with sweat glands... I lobbied the World Health Organization back in 2009 showing them



photographic evidence that radiation from broadband masts causes hideous and incapacitating rashes in humans, including infants. We collected affidavits and doctors' letters from over 50 people in one suburb alone. As with *all* people who petition the WHO EMF Project, even heads of national radiation protection agencies, I was completely ignored. The level of denial is absolute, literally absolute. The lies told by the WHO are also absolute. They say there is no evidence that masts cause harm, and told researchers in 2006 not to research health around masts. (There has not been one single study on masts and health in the USA: they are very obedient scientists.) I have shown the WHO that every single one of 24 studies done in the world found a consistent pattern of health problems around mobile phone masts, including drastically raised cancer rates. Of course, I am ignored and journalists repeat the WHO lies. If you ever want to read straight fake news, look at WHO and its statements on non-ionising radiation. My prediction therefore is that starting right now, as 5G is trialed and rolled out without any health testing, you are going to see *vast epidemics of skin disorders and rashes*, millions of people will start feeling burning sensations on their skin and displaying symptoms that no doctor can diagnose.<sup>1700</sup>

The FCC has opened up the millimeter wave band and they're going to be broadcasting at 60 GHz... for the new 5G and the new WiFi. It's called WiGig... This stuff is *wicked*. 60GHz is the oxygen molecule absorption spectrum... This is the frequency that the oxygen molecules start reacting to... They're gonna be using 5G to mess with oxygen... They know what this stuff does. That's why they're doing it. And they know what this stuff is capable of. That's why they're rolling it out. When you hit oxygen molecules with 60GHz millimeter emissions, it effects the orbital properties of the electrons... [This will affect] how oxygen is absorbed into your body... When you start effecting the oxygen molecules' ability to bind with the hemoglobin in the blood, you can't transport the oxygen into your tissues... It also effects your ability to produce Vitamin D. There are two locations in the United States where this was rolled out in schools. It produced paralysis, arrhythmia, neurological problems, problems with tingling in the extremities, people passing out, people

having fatigue, malaise, all these bizarre ailments. ***These people have managed to get you to kill yourselves, and enjoy it, and kill your children, and pay for it.***<sup>1701</sup>

The 5G 60GHz wavelength distorts the shape/electrical charge of the oxygen molecule, so it cannot be taken up efficiently by the red blood cells. I do not know if the following is true, but an alternative/supplementary theory of mine is that the 60GHz might alter the behaviour of the oxygen molecule so it more closely resembles the carbon monoxide (CO) molecule. This binds so ferociously to the haemoglobin in the red blood cells that it cannot be offloaded when it reaches target tissues all over the body. So the circulation fills up with oxygen that cannot be released, and the patient begins to suffocate, both peripherally (blue fingers, toes, lips peripheral cyanosis) and centrally, (shortness of breath, anxiety, panic, irrational thoughts etc -- central nervous system hypoxia).<sup>1702</sup>

In fact, this is EXACTLY what doctors are describing is happening to ICU patients in New York who are alleged to be suffering from the "COVID."<sup>32</sup>

It is as if tens of thousands of my fellow New Yorkers are on a plane at 30,000 feet and the cabin pressure is slowly being let out. Patients are slowly being starved of oxygen.<sup>1703</sup>

In the following commentary, Mark Steele confirms that there is a genocidal agenda to all of this.

60 GHz...gets stuck in air. It doesn't travel well at all. So it's a bit bizarre that Ofcom [Office of Communications in the UK] are going to give [that part of the spectrum] away... If I was to blast enough 60 GHz amplitude into an oxygen molecule, I might break it. And that oxygen atom will attach with other oxygen molecules and create O<sub>3</sub>. O<sub>3</sub> kills. At 50ppm, it will kill all biological life. So it's a bit bizarre that Ofcom would even want anyone to use this part of the spectrum—nevermind giving it away.<sup>1704</sup>

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<sup>32</sup> For more details on the connection between COVID and radiation sickness, please see: [tinyurl.com/u874fmo](http://tinyurl.com/u874fmo)

Not surprisingly, the same diabolical insanity that is plaguing Ofcom in the UK is also infecting the FCC in the U.S. The FCC is considering making the spectrum between 95 GHz and 3 THz available for free and unlicensed use.<sup>1705</sup> The fact that this is the very part of the spectrum that has been used for military, millimeter wave, directed-energy weapons tells us all we need to know about what the true agenda of these “communications” agencies really is.

SS-ADT is a directed energy weapon that uses radio frequency or RF, millimeter waves at 95 GHz...to create [an]...intolerable heating sensation on the person's skin... The heat sensation propels persons to instinctively move to escape the energy... The effects begin instantaneously, causing the skin to heat quickly, reaching an intolerable effect.<sup>1706</sup>

The active denial system is also known as the ‘beam of pain’...which has a short-term shock effect on people. The behavior caused by this ray is called the “*immediate and highly motivated salvage behavior*” or briefly, the good-bye effect... When a beam hits a person, 83% of the energy is absorbed by the upper layer of the skin which causes a feeling of immersion in molten metal... The pain threshold [is] released within three seconds of irradiation, and after five seconds, the pain [becomes] unbearable.<sup>1707</sup>

An Active Denial System that fires 95 GHz-millimeter-wave directed energy is being developed for multiple use... This technology is capable of rapidly heating a person’s skin... [It] has been demonstrated... to be very effective at repelling people, without burning the skin or causing other secondary effects. The US [Department of Energy] is exploring the potential to use directed energy weapons technology sponsored by the Department of Defense (DoD), named Active Denial Technology (ADT), to help protect DOE nuclear assets.<sup>1708</sup>

Although the weaponry just described is claimed *not* to overtly burn the skin, in fact, second degree burns have been reported by military personnel exposed to millimeter wave weapons<sup>1709</sup> and the U.S. government has considered using the Active Denial system to stop illegal immigrants from entering the U.S. by inflicting second-degree burns on their skin.<sup>1710</sup>

In addition to producing burns, this weaponized technology may also trigger severe and chronic skin rashes over time and very serious health issues for those who have had even minimal exposure.

Millimeter waves caused changes in the body manifested in structural alterations in the skin and internal organs, qualitative and quantitative changes in the blood and bone marrow composition and changes of the conditioned reflex activity, tissue respiration... and nucleic metabolism...

The energy of millimeter waves...is absorbed primarily and mainly by the skin. Our investigations have shown that in the skin of irradiated animals...appeared bunches of nerve fibers with hypertrophy and sections with demyelination. In the dermis, among the collagen fibers, were small trunks of various thickness, the neural conductors of which were fragmented...

In the blood...suppression of hemopoietic function of the bone marrow and lymphatic system... [and] Suppression of the function of the central nervous system...

In the hypothalamus, the adrenaline content increased and the noradrenaline content dropped... In the adrenal glands, the adrenaline content doubled... The obtained results indicate well-expressed changes of metabolism... Changes of the processes of oxidative phosphorylation in the liver, kidneys, heart and brain of the animals [were also present]. The irradiation inhibited the oxygen consumption rate by the mitochondria... and slowed down the rate of respiration upon exhaustion of the ATP... Data testify to the destruction of the cytochrome chain...<sup>1711</sup>

Please keep in mind that all of the above damage was documented after rats were exposed to millimeter waves for only 15 minutes per day for a total of 60 days. One can only surmise what will happen when 5G is fully unleashed in our world<sup>33</sup> and humans and all life forms are exposed to these lethal frequencies 24/7.

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<sup>33</sup> Incidentally, the race to deploy 5G weaponry appears to be intimately connected with a Chinese company named Huawei. Huawei is pronounced “wah-way”, which sounds strangely similar to the name of the Jewish god, Yahweh. I will leave it up to my readers to discern the significance of this “revelation” which was made in an article written by Marilyn Barnewall entitled “5G: A Plan to Depopulate the Earth?” See more here: [tinyurl.com/y36tkyex](http://tinyurl.com/y36tkyex)

When an ordinary electromagnetic field enters the body, it causes charges to move and currents to flow. But when extremely short electromagnetic pulses enter the body, the moving charges themselves become little antennas that reradiate the electromagnetic field and send it deeper into the body. They become more significant when either the power or the phase of the waves changes rapidly, and 5G will likely satisfy both criteria.<sup>1712</sup>

The upper coiled portion of sweat ducts could be regarded as a helical antenna at these frequencies, and then transmitted by a waveguide-like structure internally to the body.<sup>1713</sup>

Dr. Ben-Ishai...discovered...that human skin acts as a type of receptor for 5G radiation, drawing it in like an antenna.<sup>1714</sup>

The extremely forceful push by the FCC and the U.S. federal government to *impose* this technology on Americans,<sup>1715 1716</sup> despite growing resistance from the public<sup>1717 1718 1719 1720</sup> and local governments,<sup>1721 1722</sup> reveals an unprecedented and blatant assault against the American people and indeed against all life.

The U.S. Conference of Mayors strongly opposes recent proposals by the Federal Communications Commission to grant communications service providers subsidized access to local public property and to dictate how local governments manage their own local rights-of-ways and public property. This unprecedented federal intrusion into local (and state) government property rights will have substantial adverse impacts... The Conference and its member cities reject efforts by this unelected federal regulatory agency to improperly invade state and local government authority by compelling local elected officials to subsidize, or "gift", local public property to a small, favored group of private businesses... The Conference of Mayors strongly opposes these proposals and calls on the agency to change them; absent such changes, the Conference and its members will seek relief in federal court to overturn this unprecedented overreach by the FCC.<sup>1723</sup>

On June 10, the [American Public Power] Association filed its opening brief with the U.S. Court of Appeals...

appealing the FCC's September 2018 report and order. The Association notes in the brief that for over forty years, the FCC, Congress, and the courts have repeatedly recognized that the FCC does not have regulatory authority over the rates, terms, and conditions of access to public power utility poles. But in its order, the Commission "executed an abrupt logic-defying U-turn from any and all existing laws and precedent and found that it does have such authority after all. The Commission is mistaken," the Association argued.<sup>1724</sup>

A class action lawsuit [has been filed] aimed at first slowing down and then vacating the FCC "*order and declaratory ruling purporting to streamline the deployment of wireless facilities by pre-empting local government authority*". It is critical for every U.S. citizen to understand that this illicit and highly consequential order by the FCC is wholly unprecedented. It is also reckless to the extreme... ***This FCC ruling represents a massive and complex criminal conspiracy that will seriously injure the American people.*** That the FCC would blatantly attempt to unlawfully arrogate power unto itself to foist 5G on the entire nation represents the height of federal overreach and governmental hubris. Such an illegal order is clearly a tyrannical move by the U.S. Federal Government to improperly impose the deployment of 5G on every city and county in the 50 states. Not only is this usurpation of municipal authority completely unconstitutional, it's a flagrant violation of various federal laws, state statutes, county codes and city ordinances.<sup>1725</sup>

The situation is coming to a head, and without a doubt, genocidal technocrats like the FCC's Tom Wheeler, Brendan Carr, and Ajit Pai must pay a very high price—both in this world and the next—for what they have done, and continue to knowingly do, to deliberately cause harm to the American people.<sup>1726</sup>

Leading scientists in 45 countries have warned that the waveforms from 5G can be particularly harmful, not just to humans but to all living species. And I can tell you as a military man that one of the top waveforms for 5G is incredibly close... [to] what is now in use for crowd control to subdue and bring down crowds.<sup>1727</sup>

Here's the problem... Those [5G frequencies] are the frequencies that have been used and developed by the military to make people collapse, make people hear voices, make people pass out and lose the use of their extremities, burn their skin... They are going to induce these bizarre illnesses...<sup>1728</sup>

Destruction of the human body is not the only type of destruction that is possible. According to electrical engineer, Curtis Bennett:

All those interlocking frequencies are irradiating infrastructure... When you get into buildings, it's a frequency weapon. It's induction. It's vibration. This could rapidly become a gigantic problem because introducing harmonics into structures not designed for them is illegal... You can't cause molecular earthquakes in buildings. At 1.8 billion times-a-second you'll take the legs out from under the building... Along with bridges. And nuclear power plants. Even Toronto's manhole covers are corroding much faster than engineering specs anticipated under a growing onslaught of continuous microwave radiation. Does anyone seriously think that human organs are immune to energies that so speedily rot iron?<sup>1729</sup>

Of course, complete destruction of life has been the goal of the radiation establishment from the very beginning.

Jack Parsons envisaged a world which would be incinerated by a nuclear holocaust—a world shattered into radioactive dust by atom bombs delivered on rockets which he had designed. Jack Parsons saw himself as the Anti-Christ and he considered the Kabbalist-physicists who had invented thermonuclear weapons under the direction of Robert Oppenheimer and Edward Teller as the Horsemen of the Apocalypse, as foretold in the Book of Revelation.<sup>1730</sup>

Those who are responsible for unleashing these technologies in our world have devised ways by which they imagine they can keep themselves exempt from the damage these technologies cause.

Washington DC is in the process of rolling out so-called 'small cells' on nearly every block of the City. These cell antennas emit high levels of wireless radiofrequency electromagnetic microwave radiation (RF-EMR) 24/7 — with no opt out... Please note: according to the draft

ordinance, the main artery between the Capitol and the White House – Pennsylvania Ave. NW between 1<sup>st</sup> and 15<sup>th</sup> Streets, will be exempted from ‘small cells’ altogether. This exemption includes the Capitol, the White House and the Trump Hotel. If history serves – the more affluent areas will be able to minimize the deployment in their neighborhood as well.<sup>1731</sup>

Palm Beach and some other coastal communities have been exempted from legislation that would limit local control on the installation of 5G equipment. The legislation has passed the House and Senate and is awaiting Gov. Rick Scott’s signature, ‘*We have been carved out,*’ Bradford said. ‘*That law does not apply to us.*’<sup>1732</sup>

These same sociopaths, who are boldly trying to kill us while creating pockets of protection for themselves, enjoy putting the ugly truth right in our face.<sup>1733 1734</sup> For example, in the 2014 film, ‘*Kingsman, The Secret Service*’:

A megalomaniac billionaire...[has a plan] to use his financial and technological might to commit planetary genocide (through a cell phone that transmitted frequency that caused people to psychopathically kill one another) and thus reduce the world population.<sup>1735</sup>

From the music industry, we receive the following lyrics from recording artist Poppy in her 2018 song, *Time is Up*:

Your life is meaningless, you’re just like cockroaches. Extermination’s your only hope. Human history, pollution, and overcrowded cities. That’s your legacy. But don’t look so depressed. You’ll soon be nothingness. Oh my God, you don’t even know<sup>1736</sup>

At Eurovision 2019 in Israel, Madonna sang the following lyrics from her song “*Future.*”

Not everyone is coming to the future. Not everyone is learning from the past. Not everyone can come into the future. Not everyone that’s here is gonna last.<sup>1737</sup>

Elon Musk, whose SpaceX company is set to deploy at least another 30,000 internet satellites into the Earth’s orbit,<sup>1738</sup> had this to say:



Most people think we have too many people on the planet. But actually, this is an outdated view. Assuming that A.I. is fine and that there is a benevolent future with A.I., I think the biggest problem the world will face in twenty years is population collapse.<sup>1739</sup>

He should know since he is one of the psychopathic “globalists” participating in the depopulation agenda by blanketing the Earth with death-wielding, radiation-emitting satellites.

Sadly, millions have remained silent in the face of this onslaught, and many have willingly brought these technologies into their own homes.

Find out just what any people will quietly submit to and you have found out the exact measure of injustice and wrong which will be imposed upon them.<sup>1740</sup>

The more we acquiesce and turn a blind eye to what is occurring all around us, the worse the situation becomes. The amount of lab-created radiation that we and our children (and all life forms) are now being exposed to is unprecedented, and is rapidly leading us down the road to extinction.

It has been confirmed that the electromagnetic radiation of all instruments worldwide that are man made go beyond the Earth’s own geomagnetic field millions of times. The pollution of the environment by electromagnetic fields has vast magnitudes of danger.<sup>1741</sup>

There are more WiFi devices than people on earth.<sup>1742</sup>

Our children will pay the highest price for our complacency with chronic illnesses,<sup>1743</sup> childhood cancers,<sup>1744</sup> neurological disorders like autism,<sup>1745</sup> and sterility.<sup>1746</sup> It is up to us to put an end to this madness now by refusing to use wireless devices and taking a stand against any further radiation exposure. Reaching out to educate others—especially with respect to what ultrasound does to babies—is also incredibly important, so that more and more parents will refuse this technology during pregnancy.

As for all the other devices that expose us to diabolical lab-created radiation, if we do not rise up against this evil machine now, we and our children are doomed. Let’s not let this happen. The time

for change is now. Please email [jeanicebarcelo@yahoo.com](mailto:jeanicebarcelo@yahoo.com) or visit [RadiationDangers.com](http://RadiationDangers.com) and/or [BirthofaNewEarth.com](http://BirthofaNewEarth.com) for more information. And please stay tuned for Part 2 of my ultrasound series in which we will cover the autism epidemic, childhood hearing loss, childhood cancers like leukemia, and what we can do to take a stand against this madness and correct the damage already done to us and our families.

**In the spirit of love,  
With a prayer from my heart,**

**May all evil be expelled from the  
Earth permanently**

**May all Pristine Earthlings be free**



# **APPENDIX 1**

## **Additional information on the attempted genocide now underway**

Bill Gates, a well-known front man for the new world order, has come right out and said:

The world today has 6.8 billion people... That's headed up to about 9 billion. Now if we do a really great job on new vaccines, health care, reproductive health services, we could lower that by perhaps 10 or 15 percent.<sup>1747</sup>

So what Bill Gates has openly shared is that through a combination of vaccines, and what passes for "health care" and "reproductive health services" (i.e., the murder of developing babies through abortion – something that is now legal up to the minute of birth in New York and elsewhere) they can successfully reduce population numbers by at least 10%.<sup>1748</sup> Gates puts his money where his mouth is and has contributed large sums of money, through the Bill and Melinda Gates Foundation, not only to the roll-out of highly destructive vaccines,<sup>1749</sup> but also to the "scientific studies" directed at using ultrasound to create male sterility.<sup>1750</sup>

Although Gates claims that world population numbers are intended to be reduced by 10-15%, in fact, it appears that humans are planned to be eliminated in much larger numbers. According to the 2017 Deagle forecast (allegedly used by the U.S. government),<sup>1751</sup> more than two-thirds of the U.S. population will be extinguished by the year 2025.<sup>1752</sup> The Deagle forecast also predicts "a similar, cataclysmic fate for the United Kingdom, Australia, Germany, Japan, and Denmark, and more U.S. allied nations."<sup>1753</sup>

As the graph below shows, by the year 2025, the U.S. population is expected to drop from 327 million people to 100 million. In the U.K., the predicted reduction is from 66 million people down to 15 million.<sup>1754</sup> In Germany, the population is planned to be reduced from 81 million people to 28 million by the year 2025.<sup>1755</sup>



## Manmade

		Rank	%	World Figures
Currency:	US Dollar USD (\$)	-	-	-
Year:	2017	-	-	2017
Population:	327 million	3	4.4	7.4 billion
Surface:	9.6 million sq. km.	3	7.1	135 million sq. km.
Density:	34 inhabitants / sq. km.	157	62	55 inhabitants / sq. km.
Gross Domestic Product:	\$19 trillion	1	24	\$79 trillion
GDP per capita:	\$59,274	14	553	\$10,710
Purchase Power Parity:	\$59,500	15	350	\$16,989
Budget:	\$6.3 trillion	1	24	\$26 trillion
Military Budget:	\$637 billion	1	36	\$1.7 trillion
Imports:	\$2.4 trillion	1	14.4	\$16 trillion
Exports:	\$1.6 trillion	2	9.4	\$17 trillion
<b>Forecast 2025</b>				
Population:	▼ 100 million	14	1.4	▼ 6.9 billion
Density:	▼ 10 inhabitants / sq. km.	168	20.0	▼ 50 inhabitants / sq. km.
Gross Domestic Product:	▼ \$2.4 trillion	6	3.8	▼ \$65 trillion
GDP per capita:	▼ \$24,561	24	261	▼ \$9,421
Purchase Power Parity:	▼ \$16,374	57	141	▼ \$11,634
Military Budget:	▼ \$32 billion	6	2.8	▼ \$1.2 trillion

Source<sup>1756</sup>

Dr. Rima Laibow has spoken about this genocidal agenda:

"[Years ago], we had a head of state who was our patient... So, one day this very pleasant, chatty lady said 'you know, it's almost time for the great culling to begin...' I said 'What? What are you talking about?' She said, 'You know, the culling of the useless eaters.' I said, 'Who are the useless eaters? She said, 'You know, everyone who is consuming **our** non-renewable natural resources...

*We are the neo-aristocrats. We are the people at the top of the pyramid. Around us will be our servants and around them will be our technicians. And we only need 10% of the population.*"<sup>1757</sup>

According to Dr. Laibow, this woman, who was a head of state, was “truly bonkers” and a “nutjob.” But as can be clearly seen, she was nevertheless privy to an agenda that most people are completely unaware of. Remarkably, she felt perfectly comfortable discussing this agenda with Dr. Laibow.

Dr. Laibow goes on to state that:

The World Health Organization, the United Nations, the United States Government, the Club of Rome, the Illuminati, the Council on Foreign Relations, have all said ‘*We have too many people in the world. In order to create a sustainable planet... we have to eliminate 90% of the population...*’ Since 1974, the World Health Organization has had a commission to develop and deploy vaccinations to permanently end the fertility of the women who receive the vaccines<sup>1758</sup>

After seeing many children die from vaccination in Australia, Dr. Archie Kalokerinos, M.D. concluded that:

My final conclusion after forty years or more in this business is that the unofficial policy of the World Health Organisation and the unofficial policy of ‘Save the Children Fund’ and almost all those organisations is one of murder and genocide. They want to make it appear as if they are saving these kids, but in actual fact they don’t. I am talking of those at the very top. Beneath that level is another level of doctors and health workers, like myself, who don’t really understand what they are doing. But I cannot see any other possible explanation: It is murder and it is genocide. And I tell you what: when the black races really wake up to what we have done to them they are not going to thank us very much.<sup>1759</sup>

A recent Bloomberg article entitled “*Earth Needs Fewer People to Beat the Climate Crisis, Scientists Say,*” lends support to the idea that there is a real need for people to either die or stop reproducing. To bolster this notion, 11,000 scientists signed an “emergency declaration” warning that reproduction must change immediately.<sup>1760</sup> The article babbles on about the severity of today’s “climate crisis” due to alleged carbon emissions, and naturally blames the “useless eaters” for causing this problem. Not surprisingly, no mention is made of the global geoengineering

programs that are intentionally causing massive weather changes in our world, nor is there any talk of radiation heat or the alien frequencies that now permeate our air space and are contributing to the climate issues we are facing. Both the mainstream media and the scientific community are being used to distract people from the facts while simultaneously trying to convince everyone that it is a good thing if the human population dies out.

Below are comments made by well-known "elite" people who speak of the need to depopulate the Earth.

**David Rockefeller:** *"The negative impact of population growth on all of our planetary ecosystems is becoming appallingly evident."*<sup>1761</sup>

**HBO personality Bill Maher:** *"I'm pro-choice, I'm for assisted suicide, I'm for regular suicide, I'm for whatever gets the freeway moving – that's what I'm for. It's too crowded, the planet is too crowded and we need to promote death."*<sup>1762</sup>

**Planned Parenthood Founder Margaret Sanger:** *"All of our problems are the result of overbreeding among the working class." "The most merciful thing that the large family does to one of its infant members is to kill it."*<sup>1763</sup>

**Paul Ehrlich,** former science adviser to president George W. Bush and author of "The Population Bomb": *"Basically, then, there are only two kinds of solutions to the population problem. One is a 'birth rate solution,' in which we find ways to lower the birth rate. The other is a 'death rate solution,' in which ways to raise the death rate — war, famine, pestilence — find us."*<sup>1764</sup>

**CNN Founder Ted Turner:** *"A total population of 250-300 million people, a 95% decline from present levels, would be ideal."*<sup>1765</sup>

**David Brower,** the first Executive Director of the Sierra Club: *"Childbearing [should be] a punishable crime against society, unless the parents hold a government license ... All potential parents [should be] required to use contraceptive chemicals, the government issuing antidotes to citizens chosen for childbearing."*<sup>1766</sup>







## ENDNOTES

- <sup>1</sup> EMF Portal, [emf-portal.org/en](http://emf-portal.org/en)
- <sup>2</sup> Studies, 2010. [justproveit.net/studies](http://justproveit.net/studies)
- <sup>3</sup> Nikola Tesla - The Secret Movie - Unlimited Free Energy Forever, Nov 25, 2012. [knowledgeoftoday.org/2012/11/nikola-tesla-secret-movie-free-energy.html](http://knowledgeoftoday.org/2012/11/nikola-tesla-secret-movie-free-energy.html)
- <sup>4</sup> Katherine Poehlmann, PhD and Karl Poehlmann, **Ultrasound: Weighing the Propaganda Against The Truth**, [ra-infection-connection.com/Ultrasound\\_Unsound.htm](http://ra-infection-connection.com/Ultrasound_Unsound.htm)
- <sup>5</sup> Jeanice Barcelo, **Birth Trauma and the Dark Side of Modern Medicine**, 2014. [BirthofaNewEarth.com](http://BirthofaNewEarth.com).
- <sup>6</sup> Robin Elise Weiss, **The Myth of the Vaginal Exam in Pregnancy**, Apr 2010. [drmomma.org/2010/04/myth-of-vaginal-exam-in-pregnancy.html](http://drmomma.org/2010/04/myth-of-vaginal-exam-in-pregnancy.html)
- <sup>7</sup> **Amniocentesis**, American Pregnancy Association, Sep 2, 2016. [americanpregnancy.org/prenatal-testing/amniocentesis/](http://americanpregnancy.org/prenatal-testing/amniocentesis/)
- <sup>8</sup> Judie C. Rall, **Prenatal Rhogam: A Complicated Choice**, 2001. [unhinderedliving.com/rhogam.html](http://unhinderedliving.com/rhogam.html)
- <sup>9</sup> *ibid*
- <sup>10</sup> **Microchimerism**, Nov 10, 2016. [outlawjimmy.com/rhesus-negative/microchimerism/](http://outlawjimmy.com/rhesus-negative/microchimerism/)
- <sup>11</sup> **Rhogam Shots**, Prohealth.com, Discussion in 'Fibromyalgia Main Forum' started by WhoSaid, Jul 28, 2008. [forums.prohealth.com/forums/index.php?threads/rhogam-shots.197845/](http://forums.prohealth.com/forums/index.php?threads/rhogam-shots.197845/)
- <sup>12</sup> Stephen C. Marini, D.C., PhC, **Rhogam and Pregnancy Stealth Mercury Assault**, [vaccinetruth.org/rhogam.html](http://vaccinetruth.org/rhogam.html) and [icpa4kids.org/research/articles/pregnancy/rhogam\\_newsletter.htm](http://icpa4kids.org/research/articles/pregnancy/rhogam_newsletter.htm)
- <sup>13</sup> **4,250% Increase in Fetal Deaths after Flu Shot is Given to Pregnant Women**, Nov 29, 2012, [birthofanewearth.blogspot.com/2012/11/4250-increase-in-fetal-deaths-after-flu.html](http://birthofanewearth.blogspot.com/2012/11/4250-increase-in-fetal-deaths-after-flu.html) citing **4,250% Increase in Fetal Deaths Reported to VAERS After Flu Shot Given to Pregnant Women**, [vactruth.com/2012/11/23/flu-shot-spikes-fetal-death/](http://vactruth.com/2012/11/23/flu-shot-spikes-fetal-death/)
- <sup>14</sup> Dr. Michel Odent, "**Gestational Diabetes: A Diagnosis Still Looking For a Disease?**," Primal Health Research: A New Era in Health Research; Summer 2004 Vol. 12(1). [bellybeginnings.com/Handouts/GestationalDiabetes-Odent.pdf](http://bellybeginnings.com/Handouts/GestationalDiabetes-Odent.pdf)
- <sup>15</sup> Please see Jeanice Barcelo, **Birth Trauma and the Dark Side of Modern Medicine**, 2014 for more info. [BirthofaNewEarth.com](http://BirthofaNewEarth.com).

- 
- <sup>16</sup> Josie L. Tenore, M.D., S.M., **Methods for Cervical Ripening and Induction of Labor**, *American Family Physician*, May 2003, 15;67(10):2123-2128.  
[aafp.org/afp/2003/0515/p2123.html](http://aafp.org/afp/2003/0515/p2123.html)
- <sup>17</sup> Jennifer Mercier, PhD, **Expanding Our Focus: C-section Recovery**, *Pathways to Family Wellness*, Issue #33, Mar 1, 2012. [pathwaystofamilywellness.org/Pregnancy-Birth/expanding-our-focus-c-section-recovery.html](http://pathwaystofamilywellness.org/Pregnancy-Birth/expanding-our-focus-c-section-recovery.html)
- <sup>18</sup> Christine Haran, **Preventing Premature Births**, Jul 2014.  
[pregnancy.org/article/preventing-premature-births](http://pregnancy.org/article/preventing-premature-births)
- <sup>19</sup> Taylor Newman, **Scheduled Inductions Raise C-section Rates: Should Hospitals Ban Them?**, [parenting.com/blogs/natural-parenting/taylor-newman/scheduled-inductions-raise-C-section-rates-should-hospitals-ban-them](http://parenting.com/blogs/natural-parenting/taylor-newman/scheduled-inductions-raise-C-section-rates-should-hospitals-ban-them) citing Rosalie M. Grivell et al, **Maternal and neonatal outcomes following induction of labor: a cohort study**, *Acta Obstetrica et Gynecologica Scandinavica*, Vol. 91, Issue 2, Feb. 2012, pp. 198-203.
- <sup>20</sup> Thomas Verny, M.D., with John Kelly, **The Secret Life of the Unborn Child**, Dell Publishing, New York, 1981, pp. 118-119.
- <sup>21</sup> Jeanice Barcelo, **Birth Trauma and the Dark Side of Modern Medicine**, Nov 2014.  
[birthofanewearth.com/?p=3790](http://birthofanewearth.com/?p=3790)
- <sup>22</sup> **Radiation-Emitting Products: Ultrasound Imaging**, [fda.gov/Radiation-EmittingProducts/RadiationEmittingProductsandProcedures/MedicalImaging/ucm115357.htm#description](http://fda.gov/Radiation-EmittingProducts/RadiationEmittingProductsandProcedures/MedicalImaging/ucm115357.htm#description)
- <sup>23</sup> Dndthompson, **Ultrasound And Fetal Dopplers for Pets: What You Need to Know**, Feb 7, 2015. [holisticstandardpoodles.com/2015/02/ultrasound-fetal-Dopplers/](http://holisticstandardpoodles.com/2015/02/ultrasound-fetal-Dopplers/)
- <sup>24</sup> D. Liebeskind, M.D., et al., **Diagnostic Ultrasound: Effects on the DNA and Growth Patterns of Animal Cells**, *Radiology*, April 1979, Volume 131, pp 177-184.
- <sup>25</sup> **Sonication**, [en.wikipedia.org/wiki/Sonication](http://en.wikipedia.org/wiki/Sonication)
- <sup>26</sup> Interview with Dr. Piotr Garyaev, **Diagnostic US Harms DNA**. Dr. Peter Garyaev, Wavegenetics YouTube channel, Sep 13, 2013. [youtu.be/G45hsWanB-A](http://youtu.be/G45hsWanB-A)
- <sup>27</sup> H. Galperin-Lemaitre, et al., **Fragmentation of Purified Mammalian DNA Molecules by Ultrasound below Human Therapeutic Doses**, *Humangenetik*, 1975, Vol 29:61-66.
- <sup>28</sup> V. Garaj-Vrhovac, et al., **Induction of Micronuclei in Human Lymphocytes After Occupational Exposure to Ultrasound**, *Chemosphere*, 1999, Vol 39(15): 3541-3553,  
[s3.amazonaws.com/academia.edu.documents/47350474/s0045-6535\\_2898\\_2900568-220160719-480-jwk2m.pdf?AWSAccessKeyId=AKIAIWOWYYGZ2Y53UL3A&Expires=1529782155&Signature=78njqCA0s3Ubc%2FoSvFhVyXgeb3U%3D&response-content-disposition=attachment%3B%20filename%3DInduction\\_of\\_micronuclei\\_in\\_human\\_lympho.pdf](http://s3.amazonaws.com/academia.edu.documents/47350474/s0045-6535_2898_2900568-220160719-480-jwk2m.pdf?AWSAccessKeyId=AKIAIWOWYYGZ2Y53UL3A&Expires=1529782155&Signature=78njqCA0s3Ubc%2FoSvFhVyXgeb3U%3D&response-content-disposition=attachment%3B%20filename%3DInduction_of_micronuclei_in_human_lympho.pdf)

- 
- <sup>29</sup> S.M. Morris, et al., **Effect of Ultrasound on Human Leucocytes. Sister Chromatid Exchange Analysis**, *Ultrasound in Med & Biol*, Vol 4: 253-258 citing I.J.C. MacIntosh, et al., **Relationship between intensity of ultrasound and induction of chromosome aberrations**, *Br J Radiol*, 1972, Vol 45: 320-327 and H. Galperin-Lemaitre, et al., **Fragmentation of purified mammalian DNA molecules by ultrasound below human therapeutic doses**, *Humangenetik*, 1975, Vol 29: 61-66.
- <sup>30</sup> I.J.C. Macintosh, M.Sc., et al, **Relationship between intensity of ultrasound and induction of chromosome aberrations**, *British Journal of Radiology*, 1972, Volume 45, pp 320-327.
- <sup>31</sup> S.M. Morris, et al., **Effect of Ultrasound on Human Leucocytes. Sister Chromatid Exchange Analysis**, *Ultrasound in Med & Biol*, Vol 4: 253-258 citing I.J.C. MacIntosh, et al., **Relationship between intensity of ultrasound and induction of chromosome aberrations**, *Br J Radiol*, 1972, Vol 45: 320-327 and H. Galperin-Lemaitre, et al., **Fragmentation of purified mammalian DNA molecules by ultrasound below human therapeutic doses**, *Humangenetik*, 1975, Vol 29: 61-66.
- <sup>32</sup> John Thacker, **The Possibility of Genetic Hazard from Ultrasonic Radiation**, *Current Topics in Radiation Research Quarterly*, 1973, Vol 8: 235-258.
- <sup>33</sup> A.R. Peacocke and N.J. Pritchard, **Some biophysical aspects of ultrasound**, *Progress in Biophysics and Molecular Biology*, 1968, Vol 18, 1968: 185-208 as quoted in John Thacker, **The Possibility of Genetic Hazard from Ultrasonic Radiation**, *Current Topics in Radiation Research Quarterly*, 1973, Vol 8: 235-238.
- <sup>34</sup> P. Wang et al., **Low-intensity ultrasound-induced cellular destruction and autophagy of nasopharyngeal carcinoma cells**, *Experimental and Therapeutic Medicine*, Jul 1, 2011, Vol. 2(5):849-852. [spandidos-publications.com/etm/2/5/849](http://spandidos-publications.com/etm/2/5/849)
- <sup>35</sup> L. Zhao, et al., **Apoptosis Induced by Microbubble-Assisted Acoustic Cavitation in K562 Cells: The Predominant Role of the Cyclosporin A-Dependent Mitochondrial Permeability Transition Pore**, *Ultrasound in Medicine & Biology*, Oct 2015, Vol 41(10): 2755-2764. [sciencedirect.com/science/article/pii/S0301562915003701](http://sciencedirect.com/science/article/pii/S0301562915003701)
- <sup>36</sup> **Ultrasound from Conception to 10+0 Weeks of Gestation**, *Royal College of Obstetricians & Gynecologists*, Scientific Impact Paper No. 49, Mar 2015, p. 5. [rcog.org.uk/globalassets/documents/guidelines/scientific-impact-papers/sip-49.pdf](http://rcog.org.uk/globalassets/documents/guidelines/scientific-impact-papers/sip-49.pdf)
- <sup>37</sup> **Diagnostic Ultrasound Imaging in Pregnancy**, Report of a Consensus Development Conference Sponsored by the National Institute of Child Health and Human Development, the Office of Medical Applications of Research, the Division of Research Resources, and the Food and Drug Administration, February 6-8, 1984, National Institutes of Health, Bethesda, Maryland. U.S. Dep't of Health and Human Services, Public Health Service, National Institutes of Health, NIH Publication No. 84-667, p 51, citing D. Kamocsay, **Effects of Ultrasonics on the Testicles – Experimental Studies in White Rats**, *Arztliche Forschung*, 1955, Vol. 9, pp 389-395, and M.S. Fahim, et al, **Heat in Male Contraception (Hot Water 60 C, Infrared, Microwave, and Ultrasound)**, *Contraception*, 1975, Vol. 11, pp 549-562. [babel.hathitrust.org/cgi/pt?id=pur1.32754079149757;view=1up;seq=48](http://babel.hathitrust.org/cgi/pt?id=pur1.32754079149757;view=1up;seq=48)

- 
- <sup>38</sup> W.D. O'Brien, et al., **Morphological changes to mouse testicular tissue from *in vivo* ultrasonic irradiation (preliminary report)**, *Ultrasound in Medicine & Biology*, 1979, Vol 5(1): 35-43. [sciencedirect.com/science/article/pii/030156297990125X](https://www.sciencedirect.com/science/article/pii/030156297990125X)
- <sup>39</sup> **Ultrasound from Conception to 10+0 Weeks of Gestation**, *Royal College of Obstetricians & Gynecologists*, Scientific Impact Paper No. 49, Mar 2015, p 6. [rcog.org.uk/globalassets/documents/guidelines/scientific-impact-papers/sip-49.pdf](http://rcog.org.uk/globalassets/documents/guidelines/scientific-impact-papers/sip-49.pdf)
- <sup>40</sup> **Medical News: Ultrasound Exposure Decreases Sperm Production in Men, Animals**, *J Am Med Ass*, 1976, Vol 235: 2374-2376.
- <sup>41</sup> Alice Park, **'Sonicated' Sperm: Could Ultrasound Be the Next Male Contraceptive?**, *Time.com*, Jan 31, 2012. [healthland.time.com/2012/01/31/sonic-sperm-could-ultrasound-be-the-next-male-contraceptive/](http://healthland.time.com/2012/01/31/sonic-sperm-could-ultrasound-be-the-next-male-contraceptive/)
- <sup>42</sup> **Ultrasound Imaging**, [fda.gov/Radiation-EmittingProducts/RadiationEmittingProductsandProcedures/MedicalImaging/ucm115357.htm](http://fda.gov/Radiation-EmittingProducts/RadiationEmittingProductsandProcedures/MedicalImaging/ucm115357.htm)
- <sup>43</sup> West, Jim. **Ultrasound Causation for Microcephaly and Zika Virus, The Hypothesis (Part A)**, Kindle Locations 854-858. harvoa. Kindle Edition citing J.P. Newnham, et al, **Effects of Frequent Ultrasound During Pregnancy: A Randomized Controlled Trial**, *The Lancet*, Vol. 342, Oct.9, 1993, pp 887-891.
- <sup>44</sup> D.J. Pizzarello, et al., **Effect of Pulsed Low-Power Ultrasound on Growing Tissues – I. Developing Mammalian and Insect Tissue**, 1978, *Expl Cell Biol*, Vol 46: 179-191.
- <sup>45</sup> H.D. Stewart, et al., 1985, citing D.B. Rivers, et al., **Changes in the rate of development of chick embryos subject to diagnostic pulsed ultrasound**, *Proc 17<sup>th</sup> Ann Meeting of Am Inst Ultrasound in Med*, 1972, p 20.
- <sup>46</sup> Caroline Rodgers, **Questions about Prenatal Ultrasound and the Alarming Increase in Autism**, *Midwifery Today*, Winter 2006, Issue 80, [midwiferytoday.com/articles/ultrasoundrogers.asp](http://midwiferytoday.com/articles/ultrasoundrogers.asp)
- <sup>47</sup> Beverley Lawrence Beech, **Ultrasound: Weighing the Propaganda Against the Facts**, *Midwifery Today*, Autumn 1999, Issue 51, [midwiferytoday.com/mt-articles/ultrasound-weighing-propaganda-facts/](http://midwiferytoday.com/mt-articles/ultrasound-weighing-propaganda-facts/)
- <sup>48</sup> Alley Apple Tree, **An Ultrasound (may have) Killed My Baby**, Dec. 17, 2014. [youtu.be/fd8yhZRqFjl](https://youtu.be/fd8yhZRqFjl)
- <sup>49</sup> Beverly Lawrence Beech, **Ultrasound: Weighing the Propaganda Against the Facts**, *Midwifery Today*, Issue 51, Autumn 1999, [midwiferytoday.com/articles/ultrasound.asp](http://midwiferytoday.com/articles/ultrasound.asp) citing Saari-Kemppainen et al., **Ultrasound screening and perinatal mortality: controlled trial of systematic one-stage screening in pregnancy**, *The Lancet*, 1990, Vol 336:387–91.

---

<sup>50</sup> J.S. Abramowicz, et al., **Fetal Thermal Effects of Diagnostic Ultrasound**, *J Ultrasound Med* 2008; Vol 27: 541–559.

[pdfs.semanticscholar.org/5f5e/59affe236100a436c0ff0878ab150b4b1fe2.pdf](https://pdfs.semanticscholar.org/5f5e/59affe236100a436c0ff0878ab150b4b1fe2.pdf)

<sup>51</sup> Caroline Rodgers, **Questions about Prenatal Ultrasound and the Alarming Increase in Autism**, *Midwifery Today*, Winter 2006, Issue 80, [midwiferytoday.com/articles/ultrasoundrodgers.asp](http://midwiferytoday.com/articles/ultrasoundrodgers.asp) citing **International Programme on Chemical Safety, Environmental Health Criteria 22. Ultrasound**, United Nations Environment Programme, International Labour Organisation and International Radiation Protection Association, 1982, [inchem.org/documents/ehc/ehc/ehc22.htm](http://inchem.org/documents/ehc/ehc/ehc22.htm) and **Diagnostic Ultrasound Imaging in Pregnancy**, National Institutes of Health Consensus Statement Online. 5(1): 1–16, and Rados, Carol, **FDA Cautions Against Ultrasound “Keepsake” Images**, *FDA Consumer Magazine*, 2004. [fda.gov/fdac/features/2004/104\\_images.html](http://fda.gov/fdac/features/2004/104_images.html)

<sup>52</sup> International Programme on Chemical Safety, **Environmental Health Criteria 22, Ultrasound**, *World Health Organization*, 1982, Section 1.2.3. [inchem.org/documents/ehc/ehc/ehc22.htm](http://inchem.org/documents/ehc/ehc/ehc22.htm)

<sup>53</sup> M.R. Sikov, et al., **Stage Dependence of Ultrasound-Induced Embryotoxicity in the Rat**, *IEEE Transactions on Ultrasonics, Ferroelectrics and Frequency Control*, March 1986. Vol. UFFC-33(2).

<sup>54</sup> Jim West, **Diagnostic Ultrasound: A New Bibliography Human Studies Conducted in Modern China**, Harvoa.org, May 15, 2015. [harvoa.org/chs/pr/pr\\_details.htm](http://harvoa.org/chs/pr/pr_details.htm)

<sup>55</sup> Naomi Kilberth, Birth A Miracle Services Blog, **The Safety of Prenatal Ultrasound**, July 2, 2011 quoting Anne Frye, *Understanding Diagnostic Tests in the Childbearing Year*, 7<sup>th</sup> Edition, 2007, [birthamiracle.wordpress.com/2011/07/02/the-safety-of-prenatal-ultrasound/](http://birthamiracle.wordpress.com/2011/07/02/the-safety-of-prenatal-ultrasound/)

<sup>56</sup> Y. Furusawa, et al., **Effects of therapeutic ultrasound on the nucleus and genomic DNA**, *Ultrasonics Sonochemistry*, 2014, Vol 21:2061–2068.

<sup>57</sup> Dr. John Christopher, **Every Woman's Herbal**, Christopher Publications, Springville, Utah, 2010:32.

<sup>58</sup> Heidi Stevenson, **Ultrasound Causes Brain Damage in Fetuses: Study**, [healthyaeon.com/2013/10/ultrasound-causes-brain-damage-in.html](http://healthyaeon.com/2013/10/ultrasound-causes-brain-damage-in.html)

<sup>59</sup> E.L. Williams, et al., **Potential teratogenic effects of ultrasound on corticogenesis: Implications for autism**, *Medical Hypotheses*, July 2010, Vol. 75(1):53-58. [sciencedirect.com/science/article/pii/S0306987710000319](http://sciencedirect.com/science/article/pii/S0306987710000319)

<sup>60</sup> A.M. McClintic, et al., **Mice Exposed to Diagnostic Ultrasound in Utero are less Social and More Active in Social Situations Relative to Controls**, *Autism Res*, June 2014, Vol. 7(3):295-304

<sup>61</sup> Eudine Stevens, LMT, **Ultrasound in Pregnancy**, Highland Midwife, Dec 16, 2014. [highlandmidwife.com/docs/ultrasound\\_in\\_pregnancy\\_stevens.pdf](http://highlandmidwife.com/docs/ultrasound_in_pregnancy_stevens.pdf)

- 
- <sup>62</sup> **Non-Lethal Weapons/psychotron program**, Sep 2002.  
[stopthecrime.net/23.RUSSIAN%20EXPERIMENT%20-%20DOD.pdf](http://stopthecrime.net/23.RUSSIAN%20EXPERIMENT%20-%20DOD.pdf)
- <sup>63</sup> Sarah, **Prenatal Ultrasounds: A Risky Proposition**,  
[thehealthyhomeeconomist.com/prenatal-ultrasounds-risky-proposition/](http://thehealthyhomeeconomist.com/prenatal-ultrasounds-risky-proposition/)
- <sup>64</sup> J.S. Abramowicz, et al., **Fetal Thermal Effects of Diagnostic Ultrasound**, *J Ultrasound Med* 2008; Vol 27, pp 541–559.  
[pdfs.semanticscholar.org/5f5e/59affe236100a436c0ff0878ab150b4b1fe2.pdf](http://pdfs.semanticscholar.org/5f5e/59affe236100a436c0ff0878ab150b4b1fe2.pdf)
- <sup>65</sup> **UNC researchers receive \$100,000 Grand Challenges Exploration Grant to develop male contraceptive**, University of North Carolina Health Care, Public Release: 10-May-2010. [www.eurekalert.org/pub\\_releases/2010-05/uonc-urr051010.php](http://www.eurekalert.org/pub_releases/2010-05/uonc-urr051010.php)
- <sup>66</sup> Steven Reinberg, **New Ultrasound Technique May Help Essential Tremor**, Health Day Reporter, Aug 25, 2016. [webmd.com/brain/news/20160825/for-uncontrolled-tremor-ultrasound-instead-of-brain-surgery#1](http://webmd.com/brain/news/20160825/for-uncontrolled-tremor-ultrasound-instead-of-brain-surgery#1) "Here's how focused ultrasound works: Sound waves guided by **MRI** are sent into an area of the brain called the thalamus to kill cells..."
- <sup>67</sup> Mo Costandi, **Remote control of brain activity with heated nanoparticles**, Mar 24, 2015. [theguardian.com/science/neurophilosophy/2015/mar/24/remote-control-brain-activity-nanoparticles](http://theguardian.com/science/neurophilosophy/2015/mar/24/remote-control-brain-activity-nanoparticles) citing Carvalho-de-Souza, J. L., et al. (2015). **Photosensitivity of Neurons Enabled by Cell-Targeted Gold Nanoparticles**. *Neuron*, DOI: [10.1016/j.neuron.2015.02.033](https://doi.org/10.1016/j.neuron.2015.02.033), Chen, R., et al. (2015). **Wireless magnetothermal deep brain stimulation**. *Science*, DOI: [10.1126/science.1261821](https://doi.org/10.1126/science.1261821) [PDF]
- <sup>68</sup> Daniel Duke, **Ultrasound And The Hidden Dangers To Your Baby**, Dec 24, 2010 quoting Polly Block, **Ultrasound and the Hidden Dangers to your Baby**.  
[facebook.com/notes/daniel-duke/ultrasound-and-the-hidden-dangers-to-your-baby-ultrasound-is-not-sound-it-is-non/187005794646919](https://facebook.com/notes/daniel-duke/ultrasound-and-the-hidden-dangers-to-your-baby-ultrasound-is-not-sound-it-is-non/187005794646919)
- <sup>69</sup> Dndthompson, **Ultrasound And Fetal Dopplers for Pets: What You Need to Know**, Feb 7, 2015. [holisticstandardpoodles.com/2015/02/ultrasound-fetal-Dopplers/](http://holisticstandardpoodles.com/2015/02/ultrasound-fetal-Dopplers/)
- <sup>70</sup> Jim West, **Ultrasound Causation for Microcephaly and Zika Virus, The Hypothesis (Part A)** (Kindle Locations 701-702). harvoa. Kindle Edition.
- <sup>71</sup> Rizwan Choudhary, **Frequency Range Of Human Hearing**, The Physics Factbook, 2004.  
[hypertextbook.com/facts/2003/ChrisDAmbrose.shtml](http://hypertextbook.com/facts/2003/ChrisDAmbrose.shtml)
- <sup>72</sup> Thomas H. Maugh, II, **Fetuses Can Hear Ultrasound Scans, Researchers Say**, Dec 17, 2001. [articles.latimes.com/2001/dec/17/health/he-capsule17](http://articles.latimes.com/2001/dec/17/health/he-capsule17)
- <sup>73</sup> **Ultra Hearing Fetus**, ACFNewsSource.org, aired on Sep 30, 2002 and Jan 1, 2003.  
[acfnewsSource.org.s60463.gridserver.com/science/ultra\\_hearing\\_fetus.html](http://acfnewsSource.org.s60463.gridserver.com/science/ultra_hearing_fetus.html)
- <sup>74</sup> Jeanice Barcelo, **Is It Tinnitus or is It Microwave Auditory Effect?**, Jul 26, 2018.  
[radiationdangers.com/microwave-hearing-and-tinnitus/is-it-tinnitus-or-is-it-microwave-auditory-effect/](http://radiationdangers.com/microwave-hearing-and-tinnitus/is-it-tinnitus-or-is-it-microwave-auditory-effect/)



- 
- <sup>75</sup> **Understanding the Facts**, American Tinnitus Association, [ata.org/understanding-facts](https://ata.org/understanding-facts)
- <sup>76</sup> Barry Keate, **Dental Work, Tinnitus and You. What you need to know**, Arches Natural Products, 2019. [tinnitusformula.com/library/dental-issues-and-tinnitus/](https://tinnitusformula.com/library/dental-issues-and-tinnitus/)
- <sup>77</sup> **Ultrasonic Hearing**, [en.wikipedia.org/wiki/Ultrasonic\\_hearing](https://en.wikipedia.org/wiki/Ultrasonic_hearing)
- <sup>78</sup> Jeanice Barcelo, **Microwave Hearing, Ringing in the Ears, and “Tinnitus”**, RadiationDangers.com, Apr 26, 2018.
- <sup>79</sup> Arthur Firstenberg, **The Invisible Rainbow**, 2017, AGB Press, Santa Fe, New Mexico, Chapter 15.
- <sup>80</sup> Nipul Parekh, **Ultrasonic Waves Are Invisibly Harassing People All Over the World**, May 10, 2018. [gadgetvibe.com/2018/05/10/ultrasonic-waves-are-invisibly-harassing-people-all-over-the-world](https://gadgetvibe.com/2018/05/10/ultrasonic-waves-are-invisibly-harassing-people-all-over-the-world) citing E.M. Grigor, **Effect of ultrasonic vibrations on personnel working with ultrasonic equipment**, *Sov. Phys. Acoust.*, 1966, and T. Kamakura, et al., **Survey of Ultrasound Exposure: Through topic of parametric loudspeaker**, *J. Acoust. Soc. Jpn. (J)*, 2011, Vol 67(5): 200-203, [ci.nii.ac.jp/naid/10029477564/](https://ci.nii.ac.jp/naid/10029477564/) and H.O. Parrack, **Effect of Air-Borne Ultrasound on Humans**, *International Audiology*, 1966, Vol 5(3), [tandfonline.com/doi/abs/10.3109/05384916609074198](https://tandfonline.com/doi/abs/10.3109/05384916609074198)
- <sup>81</sup> Fiona MacRae, **Is the noise of modern life making you ill? Ultrasound in public places could be triggering sickness, headaches and pain**, Jan 19, 2016. [dailymail.co.uk/sciencetech/article-3406898/Is-noise-modern-life-making-ill-Ultrasound-public-places-triggering-sickness-headaches-pain.html](https://dailymail.co.uk/sciencetech/article-3406898/Is-noise-modern-life-making-ill-Ultrasound-public-places-triggering-sickness-headaches-pain.html)
- <sup>82</sup> Arthur Firstenberg, **The Invisible Rainbow**, 2017, AGB Press, Santa Fe, New Mexico, Chapter 15.
- <sup>83</sup> Glenn, **Tinnitus and Suicide: Shining Light into the Darkness**, *Rewriting Tinnitus*, July 2017. [rewritingtinnitus.com/tinnitus-suicide-shining-light-into-the-darkness/](https://rewritingtinnitus.com/tinnitus-suicide-shining-light-into-the-darkness/)
- <sup>84</sup> Steven Reinberg, **Tinnitus May Drive Some to the Brink of Suicide**, May 2, 2019. [webmd.com/a-to-z-guides/news/20190502/tinnitus-may-drive-some-to-the-brink-of-suicide#1](https://webmd.com/a-to-z-guides/news/20190502/tinnitus-may-drive-some-to-the-brink-of-suicide#1)
- <sup>85</sup> **Ultrasound Specialist Services Center in NJ, USA**, [aqmdi.com/ultrasound/](https://aqmdi.com/ultrasound/)
- <sup>86</sup> **Ultrasonic Systems**, Non-Destructive Testing Technologies, [ndttechnologies.com/products/ultrasonic\\_systems.html](https://ndttechnologies.com/products/ultrasonic_systems.html)
- <sup>87</sup> **Ultrasonic Hearing**, [en.wikipedia.org/wiki/Ultrasonic\\_hearing](https://en.wikipedia.org/wiki/Ultrasonic_hearing)
- <sup>88</sup> M.L. Lenhardt, **Ultrasonic Hearing in Humans: Applications for Tinnitus Treatment**, *The International Tinnitus Journal*, Feb 2003, 9(2):69-75. [researchgate.net/publication/8599291\\_Ultrasonic\\_Hearing\\_in\\_Humans\\_Applications\\_for\\_Tinnitus\\_Treatment](https://researchgate.net/publication/8599291_Ultrasonic_Hearing_in_Humans_Applications_for_Tinnitus_Treatment)

---

<sup>89</sup> C.Q. Howard et al., **Review of Current Recommendations for Airborne Ultrasound Exposure Limits**, *Australian Acoustical Society*, Proceedings of ACOUSTICS 2005, 9-11 Nov 2005, Busselton, Western Australia, 341-343.

[acoustics.asn.au/conference\\_proceedings/AAS2005/papers/55.pdf](http://acoustics.asn.au/conference_proceedings/AAS2005/papers/55.pdf)

<sup>90</sup> Arthur Firstenberg, **The Invisible Rainbow**, 2017, AGB Press, Santa Fe, New Mexico, Chapter 15.

<sup>91</sup> Bożena Smagowska, **Effects of Ultrasonic Noise on the Human Body—A Bibliographic Review**, *International Journal of Occupational Safety and Ergonomics*, 2013, Volume 19(2):195-202. [archiwum.ciop.pl/59815](http://archiwum.ciop.pl/59815)

<sup>92</sup> JS Abramowicz, et al., **Obstetrical Ultrasound: Can the Fetus Hear the Wave and Feel the Heat?**, *Ultraschall Med.*, Jun 2012, Vol 33(3):215-7. [ncbi.nlm.nih.gov/pubmed/22700164](http://ncbi.nlm.nih.gov/pubmed/22700164)

<sup>93</sup> Naomi Kilberth, Birth A Miracle Services Blog, **The Safety of Prenatal Ultrasound**, July 2, 2011 quoting Anne Frye, Understanding Diagnostic Tests in the Childbearing Year, 7<sup>th</sup> Edition, 2007, [birthmiracle.wordpress.com/2011/07/02/the-safety-of-prenatal-ultrasound/](http://birthmiracle.wordpress.com/2011/07/02/the-safety-of-prenatal-ultrasound/)

<sup>94</sup> Caroline Rodgers, **Questions about Prenatal Ultrasound and the Alarming Increase in Autism**, Midwifery Today, Issue 80, Winter 2006. [midwiferytoday.com/articles/ultrasoundrogers.asp](http://midwiferytoday.com/articles/ultrasoundrogers.asp) citing Eugenie Samuel, **Fetuses can hear ultrasound examinations**, *New Scientist*, 2001. [newscientist.com/article/dn1639-fetuses-can-hear-ultrasound-examinations-.html](http://newscientist.com/article/dn1639-fetuses-can-hear-ultrasound-examinations-.html).

<sup>95</sup> Naomi Kilberth, Birth A Miracle Services Blog, **The Safety of Prenatal Ultrasound**, July 2, 2011 quoting Anne Frye, Understanding Diagnostic Tests in the Childbearing Year, 7<sup>th</sup> Edition, 2007, [birthmiracle.wordpress.com/2011/07/02/the-safety-of-prenatal-ultrasound/](http://birthmiracle.wordpress.com/2011/07/02/the-safety-of-prenatal-ultrasound/)

<sup>96</sup> Sebastian Anthony, **Can a loud enough sound kill you?**, ExtremeTech.com, February 4, 2014. [extremetech.com/extreme/175996-can-a-loud-enough-sound-kill-you](http://extremetech.com/extreme/175996-can-a-loud-enough-sound-kill-you)

<sup>97</sup> **Ultrasound Safety**, Chosen Births Midwifery, 2008 [chosenbirths.com/ultrasoundsafety.htm](http://chosenbirths.com/ultrasoundsafety.htm)

<sup>98</sup> Naomi Kilberth, Birth A Miracle Services Blog, **The Safety of Prenatal Ultrasound**, July 2, 2011 quoting Anne Frye, Understanding Diagnostic Tests in the Childbearing Year, 7<sup>th</sup> Edition, 2007, [birthmiracle.wordpress.com/2011/07/02/the-safety-of-prenatal-ultrasound/](http://birthmiracle.wordpress.com/2011/07/02/the-safety-of-prenatal-ultrasound/)

<sup>99</sup> Jim West, **Diagnostic Ultrasound: A New Bibliography Human Studies Conducted in Modern China**, Harvoa.org, May 15, 2015. [harvoa.org/chs/pr/pr\\_details.htm](http://harvoa.org/chs/pr/pr_details.htm)

<sup>100</sup> Polly Block, **Polly's Birth Book: Obstetrics for the Home**, Hearthspun Publishers, May 1996, as quoted Daniel Duke at **"Ultrasound And The Hidden Dangers To Your Baby" - Ultrasound is not sound. It is non-ionizing radiation,** Dec 24, 2010.

---

[facebook.com/notes/daniel-duke/ultrasound-and-the-hidden-dangers-to-your-baby-ultrasound-is-not-sound-it-is-non/187005794646919](https://facebook.com/notes/daniel-duke/ultrasound-and-the-hidden-dangers-to-your-baby-ultrasound-is-not-sound-it-is-non/187005794646919)

<sup>101</sup> Dirty Sanchez, comment in a yahoo thread entitled **Did your baby jump around at 11 weeks?**, 2008. [answers.yahoo.com/question/index?qid=20090415083605AAIDCtY](https://answers.yahoo.com/question/index?qid=20090415083605AAIDCtY)

<sup>102</sup> Comment by Ginafer on August 7, 2003 on article by Dr. Ben Kim, **Is Ultrasound Scanning During Pregnancy Worth the Risks?**, Dec 20, 2004. [drbenkim.com/articles-ultrasound-pregnancy.html](http://drbenkim.com/articles-ultrasound-pregnancy.html)

<sup>103</sup> Alaina's Mommy, **12 week ultrasound - concerned about baby jumping/ jerking**, Jul 23, 2009. [center.babygaga.com/t-707744/12-week-ultrasound-concerned-about-baby-jumping-jerking.html](http://center.babygaga.com/t-707744/12-week-ultrasound-concerned-about-baby-jumping-jerking.html)

<sup>104</sup> H. Tsuneda, et al., **Effects of microstructure and water on the electrical potentials in bone induced by ultrasound irradiation**, Waseda University, *Appl. Phys. Lett.*, Feb 16, 2015, Vol 106, Article Number 073704. [waseda.pure.elsevier.com/en/publications/effects-of-microstructure-and-water-on-the-electrical-potentials-](http://waseda.pure.elsevier.com/en/publications/effects-of-microstructure-and-water-on-the-electrical-potentials-)

<sup>105</sup> S. Matsukawa, et al., **Effect of anisotropy on stress-induced electrical potentials in bovine bone using ultrasound irradiation**, *Appl. Phys. Lett.*, 2017, Vol 110, Article Number 143701. [aip.scitation.org/doi/abs/10.1063/1.4979599?journalCode=apl](http://aip.scitation.org/doi/abs/10.1063/1.4979599?journalCode=apl)

<sup>106</sup> **Ultra Hearing Fetus**, ACFNewsSource.org, aired on Sept 30, 2002 and Jan 1, 2003. [acfnnews.org.s60463.gridserver.com/science/ultra\\_hearing\\_fetus.html](http://acfnnews.org.s60463.gridserver.com/science/ultra_hearing_fetus.html)

<sup>107</sup> C.C. Church, et al., **Quantification of risk from fetal exposure to diagnostic ultrasound**, *Prog Biophys Mol Biol*, January-April 2007, Vol 93(1-3): 331-353. [ncbi.nlm.nih.gov/pubmed/16949653](http://ncbi.nlm.nih.gov/pubmed/16949653)

<sup>108</sup> **Can Children Remember Birth?** Podcast interview at: [maternallyyourradio.podomatic.com/entry/2014-06-04T16\\_21\\_36-07\\_00](http://maternallyyourradio.podomatic.com/entry/2014-06-04T16_21_36-07_00). This portion of the podcast can be heard around 13:30.

<sup>109</sup> **Echolocation and Ultrasound**, BBC.co.uk, Oct 2014. [bbc.co.uk/nature/adaptations/Ultrasound](http://bbc.co.uk/nature/adaptations/Ultrasound)

<sup>110</sup> **Sonar**, Military.wikia.com, [military.wikia.com/wiki/Sonar](http://military.wikia.com/wiki/Sonar)

<sup>111</sup> **Whales in Crisis**, [joanocean.com/whalecrisis.html#anchor91313](http://joanocean.com/whalecrisis.html#anchor91313)

<sup>112</sup> **Ocean Noise**, Natural Resource Defense Counsel, [nrdc.org/issues/ocean-noise](http://nrdc.org/issues/ocean-noise)

<sup>113</sup> **Does Military Sonar Kill Marine Wildlife?**, [scientificamerican.com/article/does-military-sonar-kill/](http://scientificamerican.com/article/does-military-sonar-kill/)

<sup>114</sup> **Ultrasound, Sonography and Other Types of Ultrasonics**, [innerbody.com/ultrasound-and-ultrasonics](http://innerbody.com/ultrasound-and-ultrasonics)

- 
- <sup>115</sup> **Infrasound**, [en.wikipedia.org/wiki/Infrasound](https://en.wikipedia.org/wiki/Infrasound)
- <sup>116</sup> **Revolutionary Methods in Political Control**, [newworldwar.org/sw.htm](http://newworldwar.org/sw.htm)
- <sup>117</sup> **Technology**, Psychological Harassment Information Association, [psychologicalharassment.com/technology.htm](http://psychologicalharassment.com/technology.htm)
- <sup>118</sup> **Sonic Weapon**, [military.wikia.com/wiki/Sonic\\_weapon](http://military.wikia.com/wiki/Sonic_weapon)
- <sup>119</sup> Dr. Joseph Woo, **History of Ultrasound in Obstetrics and Gynecology**, [ob-ultrasound.net/loomis.html](http://ob-ultrasound.net/loomis.html)
- <sup>120</sup> W.J. Fry, et al, **Production of Focal Destructive Lesions in the Central Nervous System With Ultrasound**, *Journal of Neurosurgery*, Sep 1954, Vol. 11(5): 471-478. [thejns.org/doi/pdf/10.3171/jns.1954.11.5.0471](http://thejns.org/doi/pdf/10.3171/jns.1954.11.5.0471)
- <sup>121</sup> **Robert W. Wood**, [en.wikipedia.org/wiki/Robert\\_W.\\_Wood?action=render](https://en.wikipedia.org/wiki/Robert_W._Wood?action=render)
- <sup>122</sup> **Fetal Surveillance & Testing for High-Risk Pregnancies**, Kansas City ObGyn, 2017. [kcobgyn.com/obstetrics/pregnancy/fetal-surveillance](http://kcobgyn.com/obstetrics/pregnancy/fetal-surveillance)
- <sup>123</sup> Mitchell, Lisa M., Georges, Eugenia, **Cross-cultural cyborgs: Greek and Canadian women's discourses on fetal ultrasound**, *Feminist Studies*, Summer 1997, Vol. 23 Issue 2, p373. 29p.
- <sup>124</sup> Mayo Clinic Staff, **Fetal ultrasound, Why it's done**, Tests and Procedures, Sep. 2015. [mayoclinic.org/tests-procedures/fetal-ultrasound/basics/why-its-done/PRC-20014506](http://mayoclinic.org/tests-procedures/fetal-ultrasound/basics/why-its-done/PRC-20014506)
- <sup>125</sup> M. Whitworth et al., **Ultrasound for fetal assessment in early pregnancy**, *Cochrane Database Syst Rev.*, April 2010, Vol 14;(4). [ncbi.nlm.nih.gov/pubmed/20393955](http://ncbi.nlm.nih.gov/pubmed/20393955)
- <sup>126</sup> Bernard G. Ewigman, **Effect of Prenatal Ultrasound Screening on Perinatal Outcome**, *New England Journal of Medicine*, Sep 16, 1993, 329:821-827. [nejm.org/doi/full/10.1056/NEJM199309163291201#t=articleResults](http://nejm.org/doi/full/10.1056/NEJM199309163291201#t=articleResults)
- <sup>127</sup> O'Mara, Peggy, **Prenatal Testing and Informed Consent**, *Mothering*. Sep/Oct2003, Issue 120, p38-46. 9p.
- <sup>128</sup> Andreas Moritz, **The Risks of Ultrasound Scans for the Mother and the Unborn Child**, Book excerpt: *Timesless Secrets of Health & Rejuvenation*, [ener-chi.com/the-risks-of-ultrasound-scans-for-the-mother-and-the-unborn-child/](http://ener-chi.com/the-risks-of-ultrasound-scans-for-the-mother-and-the-unborn-child/)
- <sup>129</sup> **Scans linked to baby deaths**, What Doctors Don't Tell You, Feb. 1, 1993. [wddty.com/news/1993/02/scans-linked-to-baby-deaths.html](http://wddty.com/news/1993/02/scans-linked-to-baby-deaths.html)
- <sup>130</sup> Heidi Stevenson, **Ultrasound Causes Brain Damage in Fetuses: Study**, *Waking Times*, October 11, 2013. <http://www.wakingtimes.com/2013/10/11/ultrasound-causes-brain-damage-fetuses-study/> citing **Prenatal Exposure to Ultrasound Waves Impacts Neuronal Migration in Mice**, *Proceedings of the National Academy of Science*; Eugenius S. B. C., Ang, Jr, Vicko Gluncic, Alvaro Duque, Mark E. Schafer, and Pasko Rakic.

---

<sup>131</sup> International Programme on Chemical Safety, **Environmental Health Criteria 22: Ultrasound**, World Health Organization, 1982.  
[incchem.org/documents/ehc/ehc/ehc22.htm](http://incchem.org/documents/ehc/ehc/ehc22.htm)

<sup>132</sup> **Health Effects of Exposure to Ultrasound and Infrasound**, *Report of the independent Advisory Group on Non-ionising Radiation, Documents of the Health Protection Agency Radiation, Chemical and Environmental Hazards*, February 2010, Gov.uk.  
[gov.uk/government/uploads/system/uploads/attachment\\_data/file/335014/RCE-14\\_for\\_web\\_with\\_security.pdf](http://gov.uk/government/uploads/system/uploads/attachment_data/file/335014/RCE-14_for_web_with_security.pdf)

<sup>133</sup> Fetal Sonograms Safe? Facebook page, Jun 19, 2014.  
[facebook.com/WeNeedSaferSonography/posts/544167595706471](https://facebook.com/WeNeedSaferSonography/posts/544167595706471) citing MP Hande, **Teratogenic effects of repeated exposures to X-rays and/or ultrasound in mice**, *Neurotoxicol Teratol*, March-April, 1995, Vol. 17(2), pp 179-188.

<sup>134</sup> Jim West, **Ultrasound: A New Bibliography Human Studies Indicate Extreme Risk**, Apr 2017. [townsendletter.com/April2017/ultrasound0417\\_3.html](http://townsendletter.com/April2017/ultrasound0417_3.html) citing MT Stanton et al., **Diagnostic Ultrasound Induces Change within Numbers of Cryptal Mitotic and Apoptotic Cells in Small Intestine**, *Life Sciences*, Feb. 16, 2001, 68(13: 1471–75).  
[hncbi.nlm.nih.gov/pubmed/11253163](http://hncbi.nlm.nih.gov/pubmed/11253163)

<sup>135</sup> Hannah Levy, **What to expect when you're expecting pregnancy ultrasounds**, Jun 1, 2017. [amino.com/blog/pregnancy-ultrasound-cost-how-many-ultrasounds-during-pregnancy/](http://amino.com/blog/pregnancy-ultrasound-cost-how-many-ultrasounds-during-pregnancy/)

<sup>136</sup> *ibid*

<sup>137</sup> Jennifer Margulis, **Are Ultrasounds Causing Autism in Unborn Babies?**, Apr 29, 2013, [thedailybeast.com/witw/articles/2013/04/29/are-ultrasounds-causing-autism-in-unborn-babies.html](http://thedailybeast.com/witw/articles/2013/04/29/are-ultrasounds-causing-autism-in-unborn-babies.html)

<sup>138</sup> Hannah Levy, **What to expect when you're expecting pregnancy ultrasounds**, Jun 1, 2017. [amino.com/blog/pregnancy-ultrasound-cost-how-many-ultrasounds-during-pregnancy/](http://amino.com/blog/pregnancy-ultrasound-cost-how-many-ultrasounds-during-pregnancy/)

<sup>139</sup> H.D. Stewart, et al., 1985, citing E.A. Lyons, et al., **Followup study in children exposed to ultrasound in utero – analysis of height and weight in first six years of life**, in *Proceedings of 28<sup>th</sup> Annual Convention, American Institute of Ultrasound in Medicine*, September 15-19, 1980, Volume 49. (Also see "Bioeffect brouhaha," AIUM bioeffects panel discussion, in *Diagnostic Imaging*, December 1963, pp 60-63).

<sup>140</sup> H.D. Stewart, et al., 1985, citing R.M. Moore, **Effects of sonic radiation on growth and development**, *Am J Epidemiology*, 1982, Volume 116, p. 571.

<sup>141</sup> H.D. Stewart, et al., 1985, citing E.L. Diamond, **FDA Contract Report on Assessment of Ultrasound Exposure During Gestation and Neonatal Growth**, FDA Contract No. 223-83-6023, John Hopkins University, February 1985.

---

<sup>142</sup> Caroline Rodgers, **Questions about Prenatal Ultrasound and the Alarming Increase in Autism**, *Midwifery Today*, Winter 2006, Issue 80, [midwiferytoday.com/articles/ultrasoundroddgers.asp](http://midwiferytoday.com/articles/ultrasoundroddgers.asp)

<sup>143</sup> Beverley Lawrence Beech, **Ultrasound: Weighing the Propaganda Against the Facts**, *Midwifery Today*, Autumn 1999, Issue 51, [midwiferytoday.com/mt-articles/ultrasound-weighing-propaganda-facts/](http://midwiferytoday.com/mt-articles/ultrasound-weighing-propaganda-facts/)

<sup>144</sup> J.S. Abramowicz, et al., **Fetal Thermal Effects of Diagnostic Ultrasound**, *J Ultrasound Med* 2008; Vol 27: 541–559. [pdfs.semanticscholar.org/5f5e/59affe236100a436c0ff0878ab150b4b1fe2.pdf](https://pdfs.semanticscholar.org/5f5e/59affe236100a436c0ff0878ab150b4b1fe2.pdf)

<sup>145</sup> Caroline Rodgers, **Questions about Prenatal Ultrasound and the Alarming Increase in Autism**, *Midwifery Today*, Winter 2006, Issue 80, [midwiferytoday.com/articles/ultrasoundroddgers.asp](http://midwiferytoday.com/articles/ultrasoundroddgers.asp) citing **International Programme on Chemical Safety, Environmental Health Criteria 22. Ultrasound**, United Nations Environment Programme, International Labour Organisation and International Radiation Protection Association, 1982, [inchem.org/documents/ehc/ehc/ehc22.htm](http://inchem.org/documents/ehc/ehc/ehc22.htm) and **Diagnostic Ultrasound Imaging in Pregnancy**, National Institutes of Health Consensus Statement Online. 5(1): 1–16, and Rados, Carol, **FDA Cautions Against Ultrasound “Keepsake” Images**, *FDA Consumer Magazine*, 2004. [fda.gov/fdac/features/2004/104\\_images.html](http://fda.gov/fdac/features/2004/104_images.html)

<sup>146</sup> International Programme on Chemical Safety, **Environmental Health Criteria 22: Ultrasound**, World Health Organization, 1982. [inchem.org/documents/ehc/ehc/ehc22.htm](http://inchem.org/documents/ehc/ehc/ehc22.htm)

<sup>147</sup> Saari-Kemppainen A, et al., **Ultrasound screening and perinatal mortality: controlled trial of systematic one-stage screening in pregnancy.**, The Helsinki Ultrasound Trial, *Lancet*, Aug 18, 1990, Vol 336(8712):387-91. [ncbi.nlm.nih.gov/pubmed/1974940](http://ncbi.nlm.nih.gov/pubmed/1974940)

<sup>148</sup> R.P. Lorenz, MD, et al, **Randomized prospective trial comparing ultrasonography and pelvic examination for preterm labor surveillance**, *American Journal of Obstetrics and Gynecology*, June 1990, Vol 162(6): 1603-1610. [sciencedirect.com/science/article/pii/000293789090926X](http://sciencedirect.com/science/article/pii/000293789090926X)

<sup>149</sup> **Complications in a Multiples Pregnancy**, 2018. [americanpregnancy.org/multiples/complications/](http://americanpregnancy.org/multiples/complications/)

<sup>150</sup> Michelle Castillo, **U.S. has highest first-day infant mortality out of industrialized world, group reports**, May 7, 2013. [www.cbsnews.com/news/us-has-highest-first-day-infant-mortality-out-of-industrialized-world-group-reports/](http://www.cbsnews.com/news/us-has-highest-first-day-infant-mortality-out-of-industrialized-world-group-reports/)

<sup>151</sup> Christopher Ingraham, **Our infant mortalityError! Bookmark not defined. rate is a national embarrassment**, Sep 29 2014. [washingtonpost.com/blogs/wonkblog/wp/2014/09/29/our-infant-mortality-rate-is-a-national-embarrassment/](http://washingtonpost.com/blogs/wonkblog/wp/2014/09/29/our-infant-mortality-rate-is-a-national-embarrassment/)

<sup>152</sup> Dr. David Brownstein, **Why Are U.S. Children Dying At An Alarming Rate?**, Jan 14, 2018. [drbrownstein.com/why\\_are\\_us\\_children\\_dying/](http://drbrownstein.com/why_are_us_children_dying/)

- 
- <sup>153</sup> U.S. "most dangerous" place to give birth in developed world, USA Today investigation finds, Jul 26, 2018. [cbsnews.com/news/us-most-dangerous-place-to-give-birth-in-developed-world-usa-today-investigation-finds/](https://www.cbsnews.com/news/us-most-dangerous-place-to-give-birth-in-developed-world-usa-today-investigation-finds/)
- <sup>154</sup> Michelle Castillo, U.S. has highest first-day infant mortality out of industrialized world, group reports, May 7, 2013. [cbsnews.com/news/us-has-highest-first-day-infant-mortality-out-of-industrialized-world-group-reports/](https://www.cbsnews.com/news/us-has-highest-first-day-infant-mortality-out-of-industrialized-world-group-reports/)
- <sup>155</sup> M.F. MacDorman, et al., **Fetal and Perinatal Mortality: United States, 2013**, National Vital Statistics Reports, Jul 23, 2015, Vol 64(8). [ncbi.nlm.nih.gov/pubmed/26222771](https://ncbi.nlm.nih.gov/pubmed/26222771)
- <sup>156</sup> Beth Skwarecki, **Fetal Deaths Outnumber Infant Deaths for First Time in US**, Jul 27, 2015. [medscape.com/viewarticle/848656](https://www.medscape.com/viewarticle/848656)
- <sup>157</sup> Neil Z. Miller, **Vaccine Safety Tips and Tricks**, 2013. [vaccruth.com/download/vaccine-safety.pdf](https://vaccruth.com/download/vaccine-safety.pdf)
- <sup>158</sup> **Ultrasound**, [en.wikipedia.org/wiki/Ultrasound](https://en.wikipedia.org/wiki/Ultrasound)
- <sup>159</sup> **Ultrasonic Hearing**, [en.wikipedia.org/wiki/Ultrasonic\\_hearing](https://en.wikipedia.org/wiki/Ultrasonic_hearing)
- <sup>160</sup> Dr. Joseph Woo, **History of Ultrasound in Obstetrics and Gynecology**, [ob-ultrasound.net/loomis.html](https://ob-ultrasound.net/loomis.html)
- <sup>161</sup> **Diagnostic Ultrasound Imaging in Pregnancy**, Report of a Consensus Development Conference Sponsored by the National Institute of Child Health and Human Development, the Office of Medical Applications of Research, the Division of Research Resources, and the Food and Drug Administration, February 6-8, 1984, National Institutes of Health, Bethesda, Maryland. U.S. Dep't of Health and Human Services, Public Health Service, National Institutes of Health, NIH Publication No. 84-667. [babel.hathitrust.org/cgi/pt?id=pur1.32754079149757;view=1up;seq=48](https://babel.hathitrust.org/cgi/pt?id=pur1.32754079149757;view=1up;seq=48)
- <sup>162</sup> **Wireless Technology – The Worst Threat to our Health, Personal Privacy, Democracy, and National Security in Canada’s Entire History**, [stopthecrime.net/WSM-EMR%20ppp%20Dec%2030-2013.pdf](https://stopthecrime.net/WSM-EMR%20ppp%20Dec%2030-2013.pdf)
- <sup>163</sup> J.M. Randall, **Resonant frequencies of standing humans**, *Ergonomics*, Sep 1997, Vol 40(9):8 79-86. [ncbi.nlm.nih.gov/pubmed/9306739](https://ncbi.nlm.nih.gov/pubmed/9306739)
- <sup>164</sup> J.M.W. Brownjohn and X. Zheng, **Discussion of human resonant frequency**, [ore.exeter.ac.uk/repository/bitstream/handle/10871/19515/C155.pdf?sequence=1](https://ore.exeter.ac.uk/repository/bitstream/handle/10871/19515/C155.pdf?sequence=1)
- <sup>165</sup> Jim West, **Diagnostic Ultrasound: A New Bibliography Human Studies Conducted in Modern China**, May 15, 2015. [harvoa.org/chs/pr/pr\\_details.htm](https://harvoa.org/chs/pr/pr_details.htm)
- <sup>166</sup> **Ultrasonic Sound**, HyperPhysics.Phy-ast.gsu.edu. [hyperphysics.phy-astr.gsu.edu/hbase/Sound/usound.html](https://hyperphysics.phy-astr.gsu.edu/hbase/Sound/usound.html)
- <sup>167</sup> **Resonance: Beings of Frequency**, [vimeo.com/54189727](https://vimeo.com/54189727)

- 
- <sup>168</sup> Helen Thomson, **Breaking and Entering**, *New Scientist*, Jun 21, 2014, Vol. 222(2974):8-9
- <sup>169</sup> Joseph T. McCabe et al., **Application of High-Intensity Focused Ultrasound to the Study of Mild Traumatic Brain Injury**, *Ultrasound in Medicine & Biology*, May 2014, Vol 40(5): 965–978, [sciencedirect.com/science/article/pii/S0301562913011976](https://www.sciencedirect.com/science/article/pii/S0301562913011976)
- <sup>170</sup> T.S. Aldad, et al., **Fetal Radiofrequency Radiation Exposure From 800-1900 Mhz-Rated Cellular Telephones Affects Neurodevelopment and Behavior in Mice**, *Scientific Reports*, 2012, 2, Article number 312. [nature.com/articles/srep00312](https://www.nature.com/articles/srep00312)
- <sup>171</sup> **Did Radiation From Cell Phones Cause UK's 100% Increase in Early Dementia Starting at 30**, [rf-safe.com/radiation-cell-phones-cause-uks-100-increase-early-dementia-starting-30/](https://www.rf-safe.com/radiation-cell-phones-cause-uks-100-increase-early-dementia-starting-30/)
- <sup>172</sup> Patrick Sullivan, **Strokes in Young People: Are the Numbers Really on the Rise?**, Feb 6, 2019. [sharecare.com/health/stroke/article/strokes-young-people-on-rise](https://www.sharecare.com/health/stroke/article/strokes-young-people-on-rise)
- <sup>173</sup> Dr. Eowyn, **Alarming increase in millennials 18-34 getting strokes**, Dec 18, 2018. [investmentwatchblog.com/alarming-increase-in-millennials-18-34-getting-strokes](https://www.investmentwatchblog.com/alarming-increase-in-millennials-18-34-getting-strokes)
- <sup>174</sup> S.N. Malaeb, et al. **Blood-brain Barrier, Stress**, in *Stress Science: Neuroendocrinology*, ed George Fink, Academic Press, Oxford, UK, 2010, p 410. [tinyurl.com/3r7whby2](https://www.tinyurl.com/3r7whby2)
- <sup>175</sup> G.A. Rosenberg, **Neurological diseases in relation to the blood–brain barrier**, *J Cereb Blood Flow Metab.*, 2012 Jul, 32(7). [ncbi.nlm.nih.gov/pmc/articles/PMC3390801/](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3390801/)
- <sup>176</sup> **How Dolphins Help Us**, [thedolphinexperience.com/Dolphin-Therapy-Benefits.html](https://thedolphinexperience.com/Dolphin-Therapy-Benefits.html)  
“Researchers have found that dolphin therapy aids in reducing stress and increasing relaxation, alleviating depression, boosting production of infection fighting t-cells, stimulating production of endorphins and hormones, enhancing recovery, and reducing pain... It is believed that ultrasound resonance within the cerebrospinal fluid is especially important due to the fluid’s key influence on the brain and spinal cord.”
- <sup>177</sup> **Sonic Weapon**, [en.wikipedia.org/wiki/Sonic\\_weapon](https://en.wikipedia.org/wiki/Sonic_weapon)
- <sup>178</sup> Damian Carrington, **Whales flee from military sonar leading to mass strandings, research shows**, Jul 3, 2013. [theguardian.com/environment/2013/jul/03/whales-flee-military-sonar-strandings](https://www.theguardian.com/environment/2013/jul/03/whales-flee-military-sonar-strandings)
- <sup>179</sup> **Wireless Technology – The Worst Threat to our Health, Personal Privacy, Democracy, and National Security in Canada’s Entire History**, [stopthecrime.net/WSM-EMR%20ppp%20Dec%2030-2013.pdf](https://stopthecrime.net/WSM-EMR%20ppp%20Dec%2030-2013.pdf)
- <sup>180</sup> **Ultrasound**, [en.wikipedia.org/wiki/Ultrasound#Human\\_medicine](https://en.wikipedia.org/wiki/Ultrasound#Human_medicine) citing Emmanuel P. Papadakis (ed), *Ultrasonic Instruments & Devices*, Academic Press, 1999, p 752
- <sup>181</sup> M.C. Ziskin, **Millimeter Waves: Acoustic and Electromagnetic**, *Bioelectromagnetics*, Jan 2013, Vol 34(1): 3-14. [ncbi.nlm.nih.gov/pmc/articles/PMC3522782/](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3522782/)



- 
- <sup>182</sup> **Scanning Acoustic Microscope**, [en.wikipedia.org/wiki/Scanning\\_acoustic\\_microscope](http://en.wikipedia.org/wiki/Scanning_acoustic_microscope)
- <sup>183</sup> Munawwar Husain et al, **High Frequency Ultrasound Torturer**, Journal of the Indian Medical Association, Dec 2009, Vol 107(12): 884, 886, 891-2.
- <sup>184</sup> N. Pam, MS, **Ultrasonic Irradiation**, Apr 29, 2013.  
[psychologydictionary.org/ultrasonic-irradiation/](http://psychologydictionary.org/ultrasonic-irradiation/)
- <sup>185</sup> **Ultrasound, Sonography and Other Types of Ultrasonics**, [innerbody.com/ultrasound-and-ultrasonics](http://innerbody.com/ultrasound-and-ultrasonics)
- <sup>186</sup> Dr. Steve Salvatore, **Circumcision study halted due to trauma**, Dec 23, 1997,  
[cnn.com/HEALTH/9712/23/circumcision.anesthetic/](http://cnn.com/HEALTH/9712/23/circumcision.anesthetic/)
- <sup>187</sup> Louis Tinnin, MD, **Infant Surgery Without Anesthesia**, Dec 30, 2010.  
[ltinnin.wordpress.com/2010/12/30/infant-surgery-without-anesthesia/](http://ltinnin.wordpress.com/2010/12/30/infant-surgery-without-anesthesia/)
- <sup>188</sup> **Infant Surgery Without Anesthesia**, [helpfortrauma.com/article/a-life-of-quiet-desperation/](http://helpfortrauma.com/article/a-life-of-quiet-desperation/)
- <sup>189</sup> David B. Chamberlain, Ph.D., **Babies Don't Feel Pain: A Century of Denial in Medicine**, Presented at The Second International Symposium on Circumcision, San Francisco, California, May 2, 1991. [nocirc.org/symposia/second/chamberlain.html](http://nocirc.org/symposia/second/chamberlain.html)
- <sup>190</sup> Terry T. Monell, **Living Out the Past: Infant Surgery Prior to 1987**, JOPPPAH 25(3), Spring 2011, 159-172.
- <sup>191</sup> S. Rovern, **Surgery Without Anesthesia: Can Premies Feel Pain?**, Aug 13, 1986,  
[washingtonpost.com/archive/lifestyle/wellness/1986/08/13/surgery-without-anesthesia-can-preemies-feel-pain/54d32183-8eed-49a8-9066-9dc7cf0afa82/](http://washingtonpost.com/archive/lifestyle/wellness/1986/08/13/surgery-without-anesthesia-can-preemies-feel-pain/54d32183-8eed-49a8-9066-9dc7cf0afa82/)
- <sup>192</sup> **Circumcision Study Ends Early Due to Infant Trauma**, Oct 2009.  
[drmomma.org/2009/10/circumcision-study-ends-early-due-to.html](http://drmomma.org/2009/10/circumcision-study-ends-early-due-to.html)
- <sup>193</sup> Rodriguez-Diaz CE, et al., **More than Foreskin: Circumcision Status, History of HIV/STI, and Sexual Risk in a Clinic-Based Sample of Men in Puerto Rico**, J Sex Med. 2012 Aug 15. doi: 10.1111/j.1743-6109.2012.02871.x. [Epub ahead of print].  
[circumstitions.com/HIV.html#rodriguez-diaz](http://circumstitions.com/HIV.html#rodriguez-diaz)
- <sup>194</sup> Shamiso Yikoniko, **HIV infection rate higher on circumcised men**, Jul 8, 2012. Original post no longer accessible but can be seen in full here:  
[web.archive.org/web/20130623072813/http://www.zimdiaspora.com/index.php?option=com\\_content&view=article&id=8811%3Ahiv-infection-rate-higher-on-circumcised-men&catid=38%3Atravel-tips&Itemid=18](http://web.archive.org/web/20130623072813/http://www.zimdiaspora.com/index.php?option=com_content&view=article&id=8811%3Ahiv-infection-rate-higher-on-circumcised-men&catid=38%3Atravel-tips&Itemid=18)
- <sup>195</sup> **U.S. Navy Finds That Circumcision Does Not Prevent HIV or STIs**, Oct 25, 2011.  
[thewholenetwork.org/twn-news/us-navy-finds-that-circumcision-does-not-prevent-hiv-or-stis](http://thewholenetwork.org/twn-news/us-navy-finds-that-circumcision-does-not-prevent-hiv-or-stis) citing Thomas AG, Bakhireva et al., **Prevalence of male circumcision and its association with HIV and sexually transmitted infections in a U.S. navy population**, Int Conf AIDS. 2004 Jul 11-16; 15: abstract no. TuPeC4861. Naval Health Research Center, DHAPP, San Diego, CA, United States.



---

Technology, Biomedical and Behavioral Sciences, GUO 38/77, **Effects of Non-Ionizing Electromagnetic Radiation**, U.S. Joint Publications Research Service, Nov 15, 1977.

<sup>209</sup> **The Still Unsolved Mystery of the Eugene Signal**, Truthstream Media YouTube channel, Oct 2, 2018. [youtu.be/qV\\_2LpnDzP4](https://youtu.be/qV_2LpnDzP4) at 10:59 citing the Central Intelligence Agency's Scientific Intelligence Report, Soviet Space Research Program, Aug 21, 1959

<sup>210</sup> Denise, **Wireless "experiment" violates Nuremberg Treaty - able to use for our purposes?**, Part of a thread in a google group, Oct 27, 2018. [groups.google.com/d/msgid/cell-tower/003401d46da6%24e59e1bd0%24b0da5370%24%40sadamain.co.za](https://groups.google.com/d/msgid/cell-tower/003401d46da6%24e59e1bd0%24b0da5370%24%40sadamain.co.za)

<sup>211</sup> Leonard Roy Frank, **The Electroshock Quotationary**, June 2006. [wellbeingfoundation.com/ECT\\_Evidence/6\\_ECT\\_Quotationary.pdf](http://wellbeingfoundation.com/ECT_Evidence/6_ECT_Quotationary.pdf)

<sup>212</sup> **13 Most Evil U.S. Government Experiments on Humans**, January 22, 2015. [federalobserver.com/2015/01/22/13-most-evil-u-s-government-experiments-on-humans/#more-25194](http://federalobserver.com/2015/01/22/13-most-evil-u-s-government-experiments-on-humans/#more-25194)

<sup>213</sup> Barrie Trower, **Barrie Trower a British physicist who was a microwave weapons expert**, Mr. Brinners YouTube channel, Jan 13, 2020. [youtu.be/iMKHGwAnluU](https://youtu.be/iMKHGwAnluU)

<sup>214</sup> Magnes, **Unethical Human Experimentation in the U.S. and Canada**, [gold-silver.us/forum/archive/index.php/t-61817.html](http://gold-silver.us/forum/archive/index.php/t-61817.html), <http://gold-silver.us/forum/showthread.php?61817-Unethical-Human-Experimentation-in-the-U-S-and-Canada>

<sup>215</sup> Christopher Simpson, communications theorist, American University, D.C., as quoted in YouTube video *What is MK Ultra*, [YouTube.com/watch?v=rnwzlr8nY4E](https://YouTube.com/watch?v=rnwzlr8nY4E)

<sup>216</sup> **A Short MK Ultra Primer**, Gary A. DePietro Bitchute channel, Aug 29, 2018. [bitchute.com/video/7qTUT65I5HQ/](https://bitchute.com/video/7qTUT65I5HQ/)

<sup>217</sup> Luciferians are known to raise their children as the opposite sex in order to break them from their core identity, turn them into psychopaths, and make them cooperate with the dictates of the cult. See the work of Kerth Barker for more info about this, **Cannibalism, Blood Drinking & High-Adept Satanism**, 2014. Also see: [web.archive.org/web/20171103140043/http://birthofanewearth.blogspot.com/2014/07/cannibalism-blood-drinking-and-high.html](http://web.archive.org/web/20171103140043/http://birthofanewearth.blogspot.com/2014/07/cannibalism-blood-drinking-and-high.html)

<sup>218</sup> Armin Krishnan, **From Psyops to Neurowar: What Are the Dangers?** Paper to be presented at the ISAC-ISSS Conference in Austin, 14-16 November 2014. [web.isanet.org/Web/Conferences/ISSS%20Austin%202014/Archive/b137347c-6281-466d-b9e7-ef7e0e5d363c.pdf](http://web.isanet.org/Web/Conferences/ISSS%20Austin%202014/Archive/b137347c-6281-466d-b9e7-ef7e0e5d363c.pdf)

<sup>219</sup> **Twilight Sleep**. [en.wikipedia.org/wiki/Twilight\\_sleep](https://en.wikipedia.org/wiki/Twilight_sleep)

- 
- <sup>220</sup> **Scopolamine or “The Devil’s Breath”, the Drug that Nullifies Your Will**, Mar 9, 2019. [exploringyourmind.com/scopolamine-or-the-devils-breath-the-drug-that-nullifies-your-will/](http://exploringyourmind.com/scopolamine-or-the-devils-breath-the-drug-that-nullifies-your-will/)
- <sup>221</sup> Christian Cotroneo, **Devil's Breath: Scopolamine, AKA Burundanga, Hailed As 'World's Scariest Drug,'** Sep 3, 2013. [huffingtonpost.ca/2013/09/03/devils-breath-scopolamine\\_n\\_3860318.html](http://huffingtonpost.ca/2013/09/03/devils-breath-scopolamine_n_3860318.html)
- <sup>222</sup> **Fentanyl**, [cdc.gov/drugoverdose/opioids/fentanyl.html](http://cdc.gov/drugoverdose/opioids/fentanyl.html)
- <sup>223</sup> **Should You Use Pain Medication During Labor?**, 2017. [askdrsears.com/topics/pregnancy-childbirth/pregnancy-concerns/managing-pain-during-childbirth/narcotic-pain-relievers](http://askdrsears.com/topics/pregnancy-childbirth/pregnancy-concerns/managing-pain-during-childbirth/narcotic-pain-relievers)
- <sup>224</sup> **Euphoria**, [medical-dictionary.thefreedictionary.com/euphoria](http://medical-dictionary.thefreedictionary.com/euphoria)
- <sup>225</sup> **Euphoria**, [vocabulary.com/dictionary/euphoria](http://vocabulary.com/dictionary/euphoria)
- <sup>226</sup> Kent Heckenlively, JD, **Big Pharma Gives Doctors a Lap Dance, but “WE” All Get Screwed...**, Bolen Report, May 4, 2019. [bolenreport.com/big-pharma-gives-doctors-a-lap-dance-but-we-all-get-screwed/#more-18404](http://bolenreport.com/big-pharma-gives-doctors-a-lap-dance-but-we-all-get-screwed/#more-18404)
- <sup>227</sup> B. Jacobson, et al., **Opiate addiction in adult offspring through possible imprinting after obstetric treatment**, *British Medical Journal*, 1990, Vol 301: 1067-1070. [bmj.com/content/301/6760/1067](http://bmj.com/content/301/6760/1067)
- <sup>228</sup> Karin Nyberg, et al., **Obstetric medication versus residential area as perinatal risk factors for subsequent adult drug addiction in offspring**, *Paediatric and Perinatal Epidemiology*, 1993, Vol 7: 2332. [onlinelibrary.wiley.com/doi/10.1111/j.1365-3016.1993.tb00598.x/abstract](http://onlinelibrary.wiley.com/doi/10.1111/j.1365-3016.1993.tb00598.x/abstract)
- <sup>229</sup> Beverley Lawrence Beech, **Drugs in Labour : What Effects Do They Have 20 Years Hence?**, *Midwifery Today*, Issue 50, Summer 1999, [midwiferytoday.com/articles/drugsinlabour.asp](http://midwiferytoday.com/articles/drugsinlabour.asp)
- <sup>230</sup> Bill Whitaker, **Did the FDA ignite the opioid epidemic?**, Feb 24, 2018. [cbsnews.com/news/opioid-epidemic-did-the-fda-ignite-the-crisis-60-minutes/](http://cbsnews.com/news/opioid-epidemic-did-the-fda-ignite-the-crisis-60-minutes/)
- <sup>231</sup> Pat Anson, **‘Opioid Vaccine’ Could Revolutionize Addiction Treatment**, Nov 29, 2016. [painnewsnetwork.org/stories/2016/11/29/opioid-vaccine-could-revolutionize-addiction-treatment](http://painnewsnetwork.org/stories/2016/11/29/opioid-vaccine-could-revolutionize-addiction-treatment)
- <sup>232</sup> **Researchers - Look in the first environment, the womb**, [mana.org/http://www.autismtoday.com/library-back/ATTN\\_Researchers.htm](http://mana.org/http://www.autismtoday.com/library-back/ATTN_Researchers.htm), citing *Mothering Magazine*, Spring Issue, 2001, cc: Ken Johnson, PhD, MANA Statistical Project, Robbie-Davis Floyd, PhD, University of Texas, Midwives Alliance of North America (MANA)
- <sup>233</sup> *ibid*

- 
- <sup>234</sup> Jeanice Barcelo, **Birth Trauma and the Dark Side of Modern Medicine**, 2015. [birthofanewearth.com/1/birth-trauma-and-the-dark-side-of-modern-medicine/](http://birthofanewearth.com/1/birth-trauma-and-the-dark-side-of-modern-medicine/)
- <sup>235</sup> X Huang, et al., **Effect of oxytocin on uterine fibroids treated by ultrasound ablation**, *Zhonghua Fu Chan Ke Za Zhi*, June 2011, Vol. 46(6), pp 412-5. [ncbi.nlm.nih.gov/pubmed/21781579](http://ncbi.nlm.nih.gov/pubmed/21781579)
- <sup>236</sup> Noah Berlatsky, **The Most Common Childbirth Practice in America Is Unnecessary and Dangerous**, Aug 13, 2015. [newrepublic.com/article/122532/most-common-childbirth-practice-us-unnecessary-dangerous](http://newrepublic.com/article/122532/most-common-childbirth-practice-us-unnecessary-dangerous)
- <sup>237</sup> M. Kegel, **Electronic Fetal Monitoring — No Benefits, Plenty of Harm**, Dec 9, 2016. [cerebralpalsynewstoday.com/2016/12/09/electronic-fetal-monitoring-no-benefits-plenty-of-harm](http://cerebralpalsynewstoday.com/2016/12/09/electronic-fetal-monitoring-no-benefits-plenty-of-harm)
- <sup>238</sup> Julian T. Parer, MD, et al, **Fetal heart rate monitoring: Is it salvageable?** *American Journal of Obstetrics and Gynecology*, Apr 2000, Vol 182(4): 982-987. [sciencedirect.com/science/article/pii/S0002937800703589](http://sciencedirect.com/science/article/pii/S0002937800703589)
- <sup>239</sup> Andreas Moritz, **The Risks of Ultrasound Scans for the Mother and the Unborn Child**, Book excerpt: *Timeless Secrets of Health & Rejuvenation*, [ener-chi.com/the-risks-of-ultrasound-scans-for-the-mother-and-the-unborn-child/](http://ener-chi.com/the-risks-of-ultrasound-scans-for-the-mother-and-the-unborn-child/)
- <sup>240</sup> Chris Kresser, “**Natural childbirth IIb: ultrasound not as safe as commonly thought,**” Health for the 21<sup>st</sup> Century, [chriskresser.com/natural-childbirth-ii-b-ultrasound-not-as-safe-as-commonly-thought](http://chriskresser.com/natural-childbirth-ii-b-ultrasound-not-as-safe-as-commonly-thought)
- <sup>241</sup> Marsden Wagner, **Ultrasound: More harm than good?**, *Mothering*, Winter 1995, Issue 77, p51.
- <sup>242</sup> Julian T. Parer, MD, et al, **Fetal heart rate monitoring: Is it salvageable?** *American Journal of Obstetrics and Gynecology*, April 2000, Vol 182(4): 982-987. [sciencedirect.com/science/article/pii/S0002937800703589](http://sciencedirect.com/science/article/pii/S0002937800703589)
- <sup>243</sup> M. Kegel, **Electronic Fetal Monitoring — No Benefits, Plenty of Harm**, Dec 9, 2016. [cerebralpalsynewstoday.com/2016/12/09/electronic-fetal-monitoring-no-benefits-plenty-of-harm](http://cerebralpalsynewstoday.com/2016/12/09/electronic-fetal-monitoring-no-benefits-plenty-of-harm)
- <sup>244</sup> **Electronic Fetal Monitoring**, ChangeSurfer Consulting, [changesurfer.com/Hlth/EFM.html](http://changesurfer.com/Hlth/EFM.html)
- <sup>245</sup> Bernard G. Ewigman, **Effect of Prenatal Ultrasound Screening on Perinatal Outcome**, *New England Journal of Medicine*, Sep 16, 1993, Vol 329:821-827. [nejm.org/doi/full/10.1056/NEJM199309163291201#t=articleResults](http://nejm.org/doi/full/10.1056/NEJM199309163291201#t=articleResults)
- <sup>246</sup> **Scans linked to baby deaths**, What Doctors Don't Tell You, Feb. 1, 1993. [wddty.com/news/1993/02/scans-linked-to-baby-deaths.html](http://wddty.com/news/1993/02/scans-linked-to-baby-deaths.html)

---

<sup>247</sup> Andreas Moritz, **The Risks of Ultrasound Scans for the Mother and the Unborn Child**, Book excerpt: *Timeless Secrets of Health & Rejuvenation*, [ener-chi.com/the-risks-of-ultrasound-scans-for-the-mother-and-the-unborn-child/](http://ener-chi.com/the-risks-of-ultrasound-scans-for-the-mother-and-the-unborn-child/)

<sup>248</sup> Chris Kresser, “**Natural childbirth IIb: ultrasound not as safe as commonly thought**,” Health for the 21<sup>st</sup> Century, [chriskresser.com/natural-childbirth-iib-ultrasound-not-as-safe-as-commonly-thought](http://chriskresser.com/natural-childbirth-iib-ultrasound-not-as-safe-as-commonly-thought) citing Doppler French Study Group, **A randomised controlled trial of Doppler ultrasound velocimetry of the umbilical artery in low risk pregnancies**, *BJOG: An International Journal of Obstetrics & Gynaecology*, April 1997, Volume 104(4): 419-424. [onlinelibrary.wiley.com/wol1/doi/10.1111/j.1471-0528.1997.tb11492.x/full](http://onlinelibrary.wiley.com/wol1/doi/10.1111/j.1471-0528.1997.tb11492.x/full)

<sup>249</sup> Beverly Lawrence Beech, **Ultrasound: Weighing the Propaganda Against the Facts**, MidwiferyToday.com, Autumn 1999, Issue 51. [midwiferytoday.com/mt-articles/ultrasound-weighing-propaganda-facts/](http://midwiferytoday.com/mt-articles/ultrasound-weighing-propaganda-facts/)

<sup>250</sup> Warren E. Leary, **Routine Electronic Monitoring Of Fetuses Is Challenged in Study**, Oct 25, 1995. [nytimes.com/1995/10/25/us/routine-electronic-monitoring-of-fetuses-is-challenged-in-study.html](http://nytimes.com/1995/10/25/us/routine-electronic-monitoring-of-fetuses-is-challenged-in-study.html)

<sup>251</sup> Daniel Duke, **Ultrasound And The Hidden Dangers To Your Baby**, Dec 24, 2010, [facebook.com/notes/187005794646919/](https://facebook.com/notes/187005794646919/) citing Polly Block, **Polly's Birth Book: Obstetrics for the Home**, Hearthspun Publishers, 1996. [goodreads.com/book/show/5986283-polly-s-birth-book](http://goodreads.com/book/show/5986283-polly-s-birth-book)

<sup>252</sup> M. Kegel, **Electronic Fetal Monitoring — No Benefits, Plenty of Harm**, Dec 9, 2016. [cerebralpalsynewstoday.com/2016/12/09/electronic-fetal-monitoring-no-benefits-plenty-of-harm](http://cerebralpalsynewstoday.com/2016/12/09/electronic-fetal-monitoring-no-benefits-plenty-of-harm)

<sup>253</sup> George R. Saade, M.D., **Advances in Fetal Heart Monitoring**, University of Texas Medical Branch, [obgpathways.com/media/ACOG2012/6/handouts.pdf](http://obgpathways.com/media/ACOG2012/6/handouts.pdf)

<sup>254</sup> *ibid*

<sup>255</sup> Aria Whitbeam, **Invasive Interference During Birth**, Feb 26, 2016. [renegadetribune.com/invasive-interference-birth/](http://renegadetribune.com/invasive-interference-birth/)

<sup>256</sup> Alverna, **What are they Thinking?**, Jul 31, 2008. [alvernah.wordpress.com/2008/07/31/what-are-they-thinking/](http://alvernah.wordpress.com/2008/07/31/what-are-they-thinking/)

<sup>257</sup> **Fetoscope**, [givingbirthnaturally.com/fetoscope.html](http://givingbirthnaturally.com/fetoscope.html)

<sup>258</sup> Aria Whitbeam, **Invasive Interference During Birth**, Feb 26, 2016. [renegadetribune.com/invasive-interference-birth/](http://renegadetribune.com/invasive-interference-birth/)

<sup>259</sup> Alverna, **What are they Thinking?**, Jul 31, 2008. [alvernah.wordpress.com/2008/07/31/what-are-they-thinking/](http://alvernah.wordpress.com/2008/07/31/what-are-they-thinking/)

---

<sup>260</sup> Shawn Usher, As quoted at **Aldous Huxley to George Orwell: My Dystopia Is Better Than Yours**, Jan/Feb 2017. [theatlantic.com/magazine/archive/2017/01/huxley-to-orwell-my-dystopia-is-better-than-yours/508769/](http://theatlantic.com/magazine/archive/2017/01/huxley-to-orwell-my-dystopia-is-better-than-yours/508769/)

<sup>261</sup> Moira Weigel, **How Ultrasound Became Political**, Jan 24, 2017. [theatlantic.com/health/archive/2017/01/ultrasound-woman-pregnancy/514109/](http://theatlantic.com/health/archive/2017/01/ultrasound-woman-pregnancy/514109/)

<sup>262</sup> **Ultrasound Becomes an Important Medical Tool - A Sonar “Look” at an Unborn Baby**, *Life Magazine*, Jan 15, 1975, images and part of article shown at **History of Ultrasound in Obstetrics and Gynecology**, [ob-ultrasound.net/lifemag2.html](http://ob-ultrasound.net/lifemag2.html)

<sup>263</sup> Steven DiBasio, **Mind Control in the 21st Century - Science Fiction & Beyond**, May 2, 2014, [english.pravda.ru/science/tech/05-02-2014/126765-mind\\_control-0/](http://english.pravda.ru/science/tech/05-02-2014/126765-mind_control-0/)

<sup>264</sup> Robert Lamb, **What is ultrasonic mind control**, Future Military. [science.howstuffworks.com/ultrasonic-mind-control.htm](http://science.howstuffworks.com/ultrasonic-mind-control.htm)

<sup>265</sup> **Neuroscientists Testing Ultrasonic Mind Control**, YouTube channel of **ufology aliens anomaly**, Apr 8, 2017. [youtu.be/AOGZ\\_F4a0qo](https://youtu.be/AOGZ_F4a0qo)

<sup>266</sup> W.J. Tyler, **Noninvasive Neuromodulation with Ultrasound? A Continuum Mechanics Hypothesis**, *The Neuroscientist*, 2011, Vol. 17(1):25-36.

<sup>267</sup> Clay Dillow, **DARPA Wants to Install Transcranial Ultrasonic Mind Control Devices in Soldiers' Helmets**, Sep 9, 2010. [popsci.com/technology/article/2010-09/darpa-wants-mind-control-keep-soldiers-sharp-smart-and-safe](http://popsci.com/technology/article/2010-09/darpa-wants-mind-control-keep-soldiers-sharp-smart-and-safe)

<sup>268</sup> Nanny Fröman, **Marie and Pierre Curie and the Discovery of Polonium and Radium**, lecture originally delivered at the Royal Swedish Academy of Sciences in Stockholm, Sweden, Feb 28, 1996. [nobelprize.org/nobel\\_prizes/themes/physics/curie/](http://nobelprize.org/nobel_prizes/themes/physics/curie/) Note in this lecture the interconnectedness between Marie and Pierre Curie who “discovered” radium, polonium and manmade radioactivity, and Paul Langevin, who first used ultrasound to detect submarines. This connection is also briefly mentioned by Wikipedia, to wit: “*The first technological application of ultrasound was an attempt to detect submarines by Paul Langevin in 1917. The piezoelectric effect, discovered by Jacques and Pierre Curie in 1880, was useful in transducers to generate and detect ultrasonic waves in air and water.*” [en.wikipedia.org/wiki/Ultrasound](http://en.wikipedia.org/wiki/Ultrasound)

<sup>269</sup> **Therapeutic Modalities: Ultrasound**, Dr. Moore’s class notes on Flashcards. [quizlet.com/54090193/therapeutic-modalities-ultrasound-flash-cards/](http://quizlet.com/54090193/therapeutic-modalities-ultrasound-flash-cards/)

<sup>270</sup> **What Is Radiation?**, HPS Specialists in Radiation Protection, 2016. [hps.org/publicinformation/ate/faqs/whatisradiation.html](http://hps.org/publicinformation/ate/faqs/whatisradiation.html)

<sup>271</sup> **What Is Radiation?**, Children of the Atomic Bomb, A UCLA Physician’s Eyewitness Report and Call to Save the World’s Children, [aasc.ucla.edu/cab/200708230001.html](http://aasc.ucla.edu/cab/200708230001.html)

<sup>272</sup> David J. Kent, **Tesla, Edison, Westinghouse, and the Electric Chair**, Aug 12, 2012. [davidjkent-writer.com/2012/08/12/tesla-edison-westinghouse-and-the-electric-chair/](http://davidjkent-writer.com/2012/08/12/tesla-edison-westinghouse-and-the-electric-chair/)

- 
- <sup>273</sup> Andrew Simmons, **Ultrasound in Medical Diagnosis**, Genesis.net.au, Medical Physics – Ultrasound, Unit 1 – Physics. [genesis.net.au/~ajs/projects/medical\\_physics/ultrasound/](http://genesis.net.au/~ajs/projects/medical_physics/ultrasound/)
- <sup>274</sup> Rad Tech, **Ultrasound 3**, [slideshare.net/jdtomines/ultrasound-3](http://slideshare.net/jdtomines/ultrasound-3)
- <sup>275</sup> Chris Woodford, **Ultrasound**, Dec 19, 2016. [explainthatstuff.com/ultrasound.html](http://explainthatstuff.com/ultrasound.html)
- <sup>276</sup> *ibid*
- <sup>277</sup> Craig Freudenrich, Ph.D., **How Ultrasound Works**, [science.howstuffworks.com/ultrasound2.htm](http://science.howstuffworks.com/ultrasound2.htm)
- <sup>278</sup> **Elastography**, [n.wikipedia.org/wiki/Elastography#Acoustic\\_radiation\\_force\\_impulse\\_imaging](http://n.wikipedia.org/wiki/Elastography#Acoustic_radiation_force_impulse_imaging)
- <sup>279</sup> **What Is Radiation?**, HPS Specialists in Radiation Protection, 2016. [hps.org/publicinformation/ate/faqs/whatisradiation.html](http://hps.org/publicinformation/ate/faqs/whatisradiation.html)
- <sup>280</sup> **What Is Radiation?**, Children of the Atomic Bomb, A UCLA Physician’s Eyewitness Report and Call to Save the World’s Children, [aasc.ucla.edu/cab/200708230001.html](http://aasc.ucla.edu/cab/200708230001.html)
- <sup>281</sup> **About Quartz**, Seid Crystals, 2008. [seidcrystals.com/aboutquartz.html](http://seidcrystals.com/aboutquartz.html)
- <sup>282</sup> Ceri Perkins, **Ten Crystals with Weird Properties that Look Like Magic**, June 22, 2015. [bbc.com/earth/story/20150623-ten-crystals-with-magic-powers](http://bbc.com/earth/story/20150623-ten-crystals-with-magic-powers)
- <sup>283</sup> **What Is Radiation?**, Children of the Atomic Bomb, A UCLA Physician’s Eyewitness Report and Call to Save the World’s Children, [aasc.ucla.edu/cab/200708230001.html](http://aasc.ucla.edu/cab/200708230001.html)
- <sup>284</sup> James Somauroo, **Butterfly, A \$1.25 Billion Healthtech Company, Launches New Ultrasound Technology In The U.K.**, Sep 27, 2019. [forbes.com/sites/jamessomauroo/2019/09/27/butterfly-a-125-billion-healthtech-company-launches-new-ultrasound-technology-in-the-uk/#653258b8a3f0](http://forbes.com/sites/jamessomauroo/2019/09/27/butterfly-a-125-billion-healthtech-company-launches-new-ultrasound-technology-in-the-uk/#653258b8a3f0)
- <sup>285</sup> **Ultrasound hearing**, [reddit.com/r/badBIOS/comments/2xyoar/ultrasound\\_hearing/](http://reddit.com/r/badBIOS/comments/2xyoar/ultrasound_hearing/)
- <sup>286</sup> Arthur Firstenberg, **The Invisible Rainbow**, 2017, AGB Press, Santa Fe, New Mexico, Chapter 15.
- <sup>287</sup> ThunderboltsProject, **A Model of Crystal Abiogenesis | Electricity of Life**, Jan 17, 2017. [youtu.be/zHMNaFvYt4w](http://youtu.be/zHMNaFvYt4w)
- <sup>288</sup> Dr. Kelly Neff, **Is Science Finally Catching up to What The Ancients Knew About Crystals?**, Oct 12, 2014. [themindunleashed.com/2014/10/science-catching-up-ancients-crystal.html](http://themindunleashed.com/2014/10/science-catching-up-ancients-crystal.html)
- <sup>289</sup> Becky Oskin, **Earth’s Oldest Rock Dates Back 4.4 Billion Years, Crystal Study Confirms**, Febr 24, 2014 [huffingtonpost.com/2014/02/24/earth-oldest-rock-crystal-study\\_n\\_4846410.html](http://huffingtonpost.com/2014/02/24/earth-oldest-rock-crystal-study_n_4846410.html)



- 
- <sup>290</sup> **About Quartz**, 2008. [seidcrystals.com/aboutquartz.html](http://seidcrystals.com/aboutquartz.html)
- <sup>291</sup> Dr. Kelly Neff, **Is Science Finally Catching up to What The Ancients Knew About Crystals?**, Oct 12, 2014. [themindunleashed.com/2014/10/science-catching-up-ancients-crystal.html](http://themindunleashed.com/2014/10/science-catching-up-ancients-crystal.html)
- <sup>292</sup> **Quartz Meanings and Uses**, [crystalvaults.com/crystal-encyclopedia/quartz](http://crystalvaults.com/crystal-encyclopedia/quartz)
- <sup>293</sup> Stephanie Lucas, **Clear Quartz Healing Stones – The Crystal of Ultimate Power**, Oct 30, 2014. [quantumstones.com/clear-quartz-healing-stones-crystal-ultimate-power/](http://quantumstones.com/clear-quartz-healing-stones-crystal-ultimate-power/)
- <sup>294</sup> Mona Han, **Can We Erase Painful Memories with Electroconvulsive Therapy?**, Harvard University Science in the News, Oct 1, 2017. [sitn.hms.harvard.edu/flash/2017/can-erase-painful-memories-electroconvulsive-therapy/](http://sitn.hms.harvard.edu/flash/2017/can-erase-painful-memories-electroconvulsive-therapy/)
- <sup>295</sup> Eamonn O’Neill, **CIA, brainwashing and electroshock therapy**, Oct 19 ,2004. <http://www.ect.org/?p=542>
- <sup>296</sup> Alex David, **Shock Treatment**, Freedom Magazine, Nov 2014, Vol 46(4). [freedommag.org/issue/201411-held-back/reform/shock-treatment-truth-behind-electroshock-therapy.html](http://freedommag.org/issue/201411-held-back/reform/shock-treatment-truth-behind-electroshock-therapy.html)
- <sup>297</sup> Peter Micahael Horttanainen, **Piezoelectricity, crystals, healing, energy, piezoelectricity effect, pineal gland, the 12 Foundation Stones, amethyst (purple chakra)**, Aug 12, 2017. [peterhorttanainen.com/piezoelectricity-crystals-healing-energy-piezoelectricity-effect-pineal-gland-the-12-foundation-stones-amethyst-purple-chakra/](http://peterhorttanainen.com/piezoelectricity-crystals-healing-energy-piezoelectricity-effect-pineal-gland-the-12-foundation-stones-amethyst-purple-chakra/)
- <sup>298</sup> G.F. Smith, M.D., et al., **Crystalline Bodies in Lymphocytes of Patients with Down Syndrome**, *The Lancet*, Aug 26, 1967, Vol 290(7513): 452-453 [sciencedirect.com/science/article/pii/S0140673667908616](http://sciencedirect.com/science/article/pii/S0140673667908616)
- <sup>299</sup> **Clear Quartz Gem Foot Attachment 15 mm Plus Otto Tuner 128 (Weighted)**, [biosonics.com/product/clear-quartz-gem-foot-attachment-only-15-mm-does-not-include-otto-128/](http://biosonics.com/product/clear-quartz-gem-foot-attachment-only-15-mm-does-not-include-otto-128/)
- <sup>300</sup> Lisa Dorward, **How to Cure Inner Ear Crystals**, Jul 27, 2017. [healthfully.com/cure-inner-ear-crystals-5652655.html](http://healthfully.com/cure-inner-ear-crystals-5652655.html)
- <sup>301</sup> **The Pineal Gland: Crystal Transducer**, Jul 2013. [riseearth.com/2013/07/the-pineal-gland-crystal-transducer.html](http://riseearth.com/2013/07/the-pineal-gland-crystal-transducer.html) citing S. Bacconier, et al., **New Crystal in the Pineal Gland: Characterization and Potential Role in Electromechano-Transduction**, Aug 2002, DRC, Toxicologie Expérimentale, INERIS, 60550 Verneuil-en-Halatte, France [researchgate.net/publication/278736874\\_New\\_crystal\\_in\\_the\\_pineal\\_gland\\_characterization\\_and\\_potential\\_role\\_in\\_electromechano-transduction](http://researchgate.net/publication/278736874_New_crystal_in_the_pineal_gland_characterization_and_potential_role_in_electromechano-transduction)
- <sup>302</sup> Peter Micahael Horttanainen, **Piezoelectricity, crystals, healing, energy, piezoelectricity effect, pineal gland, the 12 Foundation Stones, amethyst (purple chakra)**,

---

Aug 12, 2017. [peterhorttanainen.com/piezoelectricity-crystals-healing-energy-piezoelectricity-effect-pineal-gland-the-12-foundation-stones-amethyst-purple-chakra/](http://peterhorttanainen.com/piezoelectricity-crystals-healing-energy-piezoelectricity-effect-pineal-gland-the-12-foundation-stones-amethyst-purple-chakra/)

<sup>303</sup> Gabriel Cousens, **The Human Crystal – Crystalline Properties of the Body**, May 25, 2015. [treeoflifecenterus.com/the-human-crystal-crystalline-properties-of-the-body/](http://treeoflifecenterus.com/the-human-crystal-crystalline-properties-of-the-body/)

<sup>304</sup> Dr. Kelly Neff, **Is Science Finally Catching up to What The Ancients Knew About Crystals?**, Oct 12, 2014 quoting Simmons & Ahsian, **The Book of Stones: Who They Are and What They Teach**, 2005, p 28. [themindunleashed.com/2014/10/science-catching-up-ancients-crystal.html](http://themindunleashed.com/2014/10/science-catching-up-ancients-crystal.html)

<sup>305</sup> P. Mishra, et al., **Deformation of red blood cells using acoustic radiation forces**, *Biomicrofluidics*, May 2014, Vol 8(3): 034109. [ncbi.nlm.nih.gov/pmc/articles/PMC4162412/](http://ncbi.nlm.nih.gov/pmc/articles/PMC4162412/)

<sup>306</sup> **What is Crystal Healing**, [serenityplus.com.au/index.php?option=com\\_content&view=article&id=5&Itemid=2](http://serenityplus.com.au/index.php?option=com_content&view=article&id=5&Itemid=2)

<sup>307</sup> **Do ultrasonic waves have any negative impact on humans?**, May 28, 2015. [researchgate.net/post/Do\\_ultrasonic\\_waves\\_have\\_any\\_negative\\_impact\\_on\\_humans2](http://researchgate.net/post/Do_ultrasonic_waves_have_any_negative_impact_on_humans2)

<sup>308</sup> **Our Crystalline Bodies — How Wireless Devices Interfere with Human Telepathy, Sleep, and the Production of Melatonin**, Apr 21, 2019. [radiationdangers.com/ultrasound/our-crystalline-bodies-how-wireless-devices-interfere-with-human-telepathy-sleep-and-the-production-of-melatonin/](http://radiationdangers.com/ultrasound/our-crystalline-bodies-how-wireless-devices-interfere-with-human-telepathy-sleep-and-the-production-of-melatonin/)

<sup>309</sup> Peter Micahael Horttanainen, **Piezoelectricity, crystals, healing, energy, piezoelectricity effect, pineal gland, the 12 Foundation Stones, amethyst (purple chakra)**, Aug 12, 2017. [peterhorttanainen.com/piezoelectricity-crystals-healing-energy-piezoelectricity-effect-pineal-gland-the-12-foundation-stones-amethyst-purple-chakra/](http://peterhorttanainen.com/piezoelectricity-crystals-healing-energy-piezoelectricity-effect-pineal-gland-the-12-foundation-stones-amethyst-purple-chakra/)

<sup>310</sup> Luc Braybury, **What Are Piezoelectric Materials?**, Apr 24, 2017. [sciencing.com/piezoelectric-materials-8251088.html](http://sciencing.com/piezoelectric-materials-8251088.html)

<sup>311</sup> Saurav Ghising, **What is Piezoelectricity and its possible application for smartphones in the future**, Jul 6, 2017. [gadgetbytenepal.com/piezoelectricity-what-how-applications-smartphones/](http://gadgetbytenepal.com/piezoelectricity-what-how-applications-smartphones/)

<sup>312</sup> Michael Franco, **The Body Electric**, Apr 2, 2015. [discovermagazine.com/2015/may/12-the-body-electric](http://discovermagazine.com/2015/may/12-the-body-electric)

<sup>313</sup> Sumitra, **Student Creates Bizarre Jewelry that Hooks into Your Veins and Turns Blood Flow into Electricity**, Dec 23, 2014. [oddiycentral.com/art/student-creates-bizarre-jewelry-that-hooks-into-your-veins-and-turns-blood-flow-into-electricity.html](http://oddiycentral.com/art/student-creates-bizarre-jewelry-that-hooks-into-your-veins-and-turns-blood-flow-into-electricity.html)

<sup>314</sup> Uclia Wang, **The scientists harvesting energy from humans to power our wearables**, Feb 4, 2016. [theguardian.com/sustainable-business/2016/feb/04/harvesting-energy-humans-walking-charge-wearables-bending-mit](http://theguardian.com/sustainable-business/2016/feb/04/harvesting-energy-humans-walking-charge-wearables-bending-mit)

- 
- <sup>315</sup> Rachel Butler, **The electromagnetic spectrum**, [slideplayer.com/slide/9022075/](https://slideplayer.com/slide/9022075/)
- <sup>316</sup> **The Second Coming of Ultrasound**, Jan 23, 2018. [howtocleansetheliver.org/the-second-coming-of-ultrasound/](https://howtocleansetheliver.org/the-second-coming-of-ultrasound/)
- <sup>317</sup> Bryce Hunter, **The Electromagnetic Spectrum**, Slide 6, [slideplayer.com/slide/9022075/](https://slideplayer.com/slide/9022075/)
- <sup>318</sup> Jazmine Weakly, **Overview of medical imaging: Focusing on Neuroimaging**, location 1:20 in the video. [slideplayer.com/slide/3248635/](https://slideplayer.com/slide/3248635/)
- <sup>319</sup> **Wireless Technology – The Worst Threat to our Health, Personal Privacy, Democracy, and National Security in Canada’s Entire History**, [stopthecrime.net/WSM-EMR%20ppp%20Dec%2030-2013.pdf](https://stopthecrime.net/WSM-EMR%20ppp%20Dec%2030-2013.pdf)
- <sup>320</sup> World Health Organization, **International EMF Project**, 22<sup>nd</sup> International Advisory Committee, Jun 2017. [who.int/peh-emf/publications/reports/22nd\\_iac\\_meeting\\_2017.pdf](https://who.int/peh-emf/publications/reports/22nd_iac_meeting_2017.pdf)
- <sup>321</sup> J. Abramowicz, World Health Organization, **International EMF Project**, 22<sup>nd</sup> International Advisory Committee, Jun 2017. [who.int/peh-emf/publications/reports/22nd\\_iac\\_meeting\\_2017.pdf](https://who.int/peh-emf/publications/reports/22nd_iac_meeting_2017.pdf)
- <sup>322</sup> R. Matthes, World Health Organization, **International EMF Project**, 22<sup>nd</sup> International Advisory Committee, Jun 2017. [who.int/peh-emf/publications/reports/22nd\\_iac\\_meeting\\_2017.pdf](https://who.int/peh-emf/publications/reports/22nd_iac_meeting_2017.pdf)
- <sup>323</sup> Ultrasound Energy, [en.wikipedia.org/wiki/Ultrasound\\_energy](https://en.wikipedia.org/wiki/Ultrasound_energy)
- <sup>324</sup> International Commission on Non-Ionizing Radiation, [icnirp.org/](https://icnirp.org/)
- <sup>325</sup> Bernard Hosten, **Ultrasonic wave generation by time-gated microwaves**, *The Journal of the Acoustical Society of America*, 1998, Vol 104(860). [asa.scitation.org/doi/10.1121/1.423309](https://asa.scitation.org/doi/10.1121/1.423309)
- <sup>326</sup> **Cell Phone Apps Gather User Data Using Ultrasound Signals**, Feb 5, 2020. [radiationdangers.com/ultrasound/cell-phone-apps-gather-user-data-using-ultrasound-signals/](https://radiationdangers.com/ultrasound/cell-phone-apps-gather-user-data-using-ultrasound-signals/)
- <sup>327</sup> B.N. Frank, **Ultrasound Patch “would communicate with your cellphone, where AI algorithms would analyze the images on demand”**, Jul 28, 2022. [activistpost.com/2022/07/ultrasound-patch-would-communicate-with-your-cellphone-where-ai-algorithms-would-analyze-the-images-on-demand.html](https://activistpost.com/2022/07/ultrasound-patch-would-communicate-with-your-cellphone-where-ai-algorithms-would-analyze-the-images-on-demand.html)
- <sup>328</sup> H.O. Parrack, **Effect of Air-Borne Ultrasound on Humans**, *International Audiology*, 1966, Vol 5(3), [tandfonline.com/doi/abs/10.3109/05384916609074198](https://tandfonline.com/doi/abs/10.3109/05384916609074198)
- <sup>329</sup> **Are electromagnetic waves and sound waves related?**, comment by J.H. Brewer, Nov 3, 2017. [quora.com/Are-electromagnetic-waves-and-sound-waves-related](https://quora.com/Are-electromagnetic-waves-and-sound-waves-related)

---

<sup>330</sup> J. Gessert and G.W. Moore, **A Thinker`s Guide for Electrical Leakage Testing of Ultrasound Probes**, Acertara Acoustic Laboratories, [manualzz.com/doc/7016206/a-thinker-s-guide-for-electrical-leakage-testing-of-ultra](https://manualzz.com/doc/7016206/a-thinker-s-guide-for-electrical-leakage-testing-of-ultra)

<sup>331</sup> Karl Muller, science editor and freelance journalist, in a personal email communication. See some of Karl`s writings here: [medium.com/@3DA0KM/and-of-course-a-very-appropriate-piece-for-a-platform-called-medium-777f788da34](https://medium.com/@3DA0KM/and-of-course-a-very-appropriate-piece-for-a-platform-called-medium-777f788da34)

<sup>332</sup> National Academies of Sciences, Engineering, and Medicine. 2020. **An Assessment of Illness in U.S. Government Employees and Their Families at Overseas Embassies**. Washington, DC: The National Academies Press. [doi.org/10.17226/25889](https://doi.org/10.17226/25889)

<sup>333</sup> James C. Lin, **The Microwave Auditory Effect**, IEEE Journal of Electromagnetics, RF, and Microwaves in Medicine and Biology, Vol 6(1), Mar 2022. [ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=9366412](https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=9366412)

<sup>334</sup> Harry V. Lehmann, Esq., written correspondence to Ms. Jennifer Galehouse, Deputy of Chief Consultant, Assembly Appropriations Committee, Sacramento, CA, concerning state liability for placement of 5G cells on public utility poles, Jul 19, 2017. [scientists4wiredtech.com/wp-content/uploads/2017/10/2017-0719-SB649-CA-Liability-Lehmann-to-Galehouse.pdf](https://scientists4wiredtech.com/wp-content/uploads/2017/10/2017-0719-SB649-CA-Liability-Lehmann-to-Galehouse.pdf)

<sup>335</sup> Emily Singer, **Targeting the Brain with Sound Waves**, MIT Technology Review, Jun 4, 2009. [technologyreview.com/s/413697/targeting-the-brain-with-sound-waves/](https://technologyreview.com/s/413697/targeting-the-brain-with-sound-waves/)

<sup>336</sup> Richard A. Muller, **Physics and Technology for Future Presidents: An Introduction to the Essential Physics Every World Leader Needs to Know**, Princeton University Press, Apr 12, 2010, p. 143. <https://tinyurl.com/4jtb7yzu>

<sup>337</sup> Samael Aun Weor, **The Major Mysteries**, [abovetopsecret.com/forum/thread269363/pg2](https://abovetopsecret.com/forum/thread269363/pg2)

<sup>338</sup> **Radiation** - [en.oxforddictionaries.com/definition/radiation](https://en.oxforddictionaries.com/definition/radiation)

<sup>339</sup> **Radiation** - [thefreedictionary.com/radiation](https://thefreedictionary.com/radiation)

<sup>340</sup> **Radiation** - [thefreedictionary.com/radiation](https://thefreedictionary.com/radiation)

<sup>341</sup> **Radiation** - [merriam-webster.com/dictionary/radiation](https://merriam-webster.com/dictionary/radiation)

<sup>342</sup> **Radiation** - [yourdictionary.com/radiation](https://yourdictionary.com/radiation)

<sup>343</sup> **What Is Radiation?**, HPS Specialists in Radiation Protection, 2016. [hps.org/publicinformation/ate/faqs/whatisradiation.html](https://hps.org/publicinformation/ate/faqs/whatisradiation.html)

<sup>344</sup> Olivia, **Difference Between Natural and Artificial Radioactivity**, May 30, 2011. [differencebetween.com/difference-between-natural-and-vs-artificial-radioactivity/](https://differencebetween.com/difference-between-natural-and-vs-artificial-radioactivity/)

<sup>345</sup> **Decomposition**, [thefreedictionary.com/decomposition](https://thefreedictionary.com/decomposition)

- 
- <sup>346</sup> **Dr. Martin Pall: 5G Criminally Insane Electromagnetic Fields (EMF) Fry Living Things**, Public Intelligence Blog, Mar 14, 2019. [phibetaiota.net/2019/03/dr-martin-pall-5g-criminally-insane-electromagnetic-fields-emf-fry-living-things/](http://phibetaiota.net/2019/03/dr-martin-pall-5g-criminally-insane-electromagnetic-fields-emf-fry-living-things/)
- <sup>347</sup> **Electromagnetic and Radiofrequency Fields Effect on Human Health**, American Academy of Environmental Medicine, [aaemonline.org/emf\\_rf\\_position.php](http://aaemonline.org/emf_rf_position.php)
- <sup>348</sup> **Amended Declaration of Barrie Trower**, Civil Action No. 3:11-cv-00739-MO, United States District Court, District of Oregon, Portland Division, in the case of AHM against Portland Public Schools, through her father, David Mark Morrison, citing Health Council of the Netherlands: Radiofrequency Radiation Committee, *Radiofrequente elektromagnetische velden (300 Hz – 300 GHz)*, at 134 (1997).
- <sup>349</sup> Peter Tocci, **Wireless Technology: Ultra Convenient. Endlessly Entertaining. Criminally Instigated. Terminally Pathological**, Feb. 9, 2019. [activistpost.com/2019/02/wireless-technology-ultra-convenient-endlessly-entertaining-criminally-instigated-terminally-pathological.html](http://activistpost.com/2019/02/wireless-technology-ultra-convenient-endlessly-entertaining-criminally-instigated-terminally-pathological.html)
- <sup>350</sup> I. Artra, PhD., **Is 5G Worth the Risks**, May 3, 2019. [counterpunch.org/2019/05/03/is-5g-worth-the-risks/](http://counterpunch.org/2019/05/03/is-5g-worth-the-risks/) citing **Electromagnetic and Radiofrequency Fields Effect on Human Health**, American Academy of Environmental Medicine, [www.aaemonline.org/emf\\_rf\\_position.php](http://www.aaemonline.org/emf_rf_position.php)
- <sup>351</sup> Robert O. Becker, *Cross Currents – The Perils of Electropollution, The Promise of Electromedicine*, Jeremy P. Tarcher, Penguin Group, New York, 1990.
- <sup>352</sup> S. Degani, M.D., **The use of pulsed-wave Doppler in prenatal diagnosis. An update**, Jan-Mar, 2007, *J Prenat Med.*, Vol 1(1): 23–25. [ncbi.nlm.nih.gov/pmc/articles/PMC3309347/](http://ncbi.nlm.nih.gov/pmc/articles/PMC3309347/)
- <sup>353</sup> J. Robinson, **Ultrasound - More powerful, more dangerous, more unethical**, AIMS Journal 1999, Vol 11(4), [ims.org.uk/journal/item/ultrasound-more-powerful-more-dangerous-more-unethical](http://ims.org.uk/journal/item/ultrasound-more-powerful-more-dangerous-more-unethical)
- <sup>354</sup> **What Is Radiation?**, Children of the Atomic Bomb, A UCLA Physician’s Eyewitness Report and Call to Save the World’s Children, [aasc.ucla.edu/cab/200708230001.html](http://aasc.ucla.edu/cab/200708230001.html)
- <sup>355</sup> **Why do atoms emit radiation?**, [answers.com/Q/Why\\_do\\_atoms\\_emit\\_radiation](http://answers.com/Q/Why_do_atoms_emit_radiation)
- <sup>356</sup> **What Is Radiation?**, Children of the Atomic Bomb, A UCLA Physician’s Eyewitness Report and Call to Save the World’s Children, [aasc.ucla.edu/cab/200708230001.html](http://aasc.ucla.edu/cab/200708230001.html)
- <sup>357</sup> **Effects of Radiation Exposure**, [quizlet.com/92461882/den-111-effects-of-radiation-exposure-flash-cards/](http://quizlet.com/92461882/den-111-effects-of-radiation-exposure-flash-cards/)
- <sup>358</sup> *ibid*
- <sup>359</sup> T. Aparicio, et al., **DNA double-strand break repair pathway choice and cancer**, *DNA Repair (Amst)*, Jul 2014, Vol 19: 169-175

---

<sup>360</sup> H. Lai, **Microwaves Break DNA in Brain; Cellular Phone Industry Skeptical**, *Microwave News*, Nov/Dec 1994, 14, no. 6.

<sup>361</sup> **Radiation Effects and Sources**, United Nations Environment Programme, Large.Stanford.edu, 2016. [large.stanford.edu/courses/2017/ph241/kwan2/docs/unep-2016.pdf](https://large.stanford.edu/courses/2017/ph241/kwan2/docs/unep-2016.pdf)

<sup>362</sup> Dr Jens Dreier, **What happens to your brain after your heart stops: Scientists find cells shut down in a wave of 'depression' but humans could be brought back to life up to FIVE MINUTES after 'death'**, Feb 28, 2018. [dailymail.co.uk/sciencetech/article-5444223/What-happens-brain-minutes-die.html](https://dailymail.co.uk/sciencetech/article-5444223/What-happens-brain-minutes-die.html)

<sup>363</sup> Christian Bahrim, et al., **Depolarization of Ne\*(2p<sub>2</sub>) atoms induced by isotropic collisions with He(1s<sup>2</sup>) atoms at temperatures between 10 K and 1000 K**, Jan 22, 2008, *Journal of Physics B: Atomic, Molecular and Optical Physics*, Vol 41(3), [iopscience.iop.org/article/10.1088/0953-4075/41/3/035203](https://iopscience.iop.org/article/10.1088/0953-4075/41/3/035203)

<sup>364</sup> **What Is Radiation?**, Children of the Atomic Bomb, A UCLA Physician's Eyewitness Report and Call to Save the World's Children, [haasc.ucla.edu/cab/200708230001.html](https://haasc.ucla.edu/cab/200708230001.html)

<sup>365</sup> M. Sarkar, et al., **Integrated polarization analyzing CMOS image sensors for detection and signal processing**, *Smart Sensors and Mems*, Intelligent Devices and Microsystems for Industrial Applications, 2014: 124-152. [sciencedirect.com/science/article/pii/B9780857095022500065](https://sciencedirect.com/science/article/pii/B9780857095022500065)

<sup>366</sup> Brian Clegg, **20 amazing facts about the human body**, Jan 27, 2013. [theguardian.com/science/2013/jan/27/20-human-body-facts-science](https://theguardian.com/science/2013/jan/27/20-human-body-facts-science)

<sup>367</sup> Craig A. Perman, **Atoms and God's order in the fundamental building blocks of all substance**, Creation Ministries, Nov 9, 2014. [creation.com/atoms-and-gods-order](https://creation.com/atoms-and-gods-order)

<sup>368</sup> **Int'l Banker Blows Whistle, Admits He was Ordered to Sacrifice Children**, Apr 30, 2017, [birthofanewearth.blogspot.com/2017/04/intl-banker-blows-whistle-admits-he-was.html](https://birthofanewearth.blogspot.com/2017/04/intl-banker-blows-whistle-admits-he-was.html) citing Vimeo interview with Ronald Bernard, **Real Big Money: Revelations by an insider**, [vimeo.com/212237317](https://vimeo.com/212237317)

<sup>369</sup> Lena Pu, **New Insights and Revelations Reversing 5G in 2020 Lena Pu Interview**, interview with Jason Liasatos, What is Happening Brighteon channel, Jan 1, 2019. [brighteon.com/09bb495f-718f-4380-b01a-394cdc31bd51](https://brighteon.com/09bb495f-718f-4380-b01a-394cdc31bd51)

<sup>370</sup> Susan Clarke, **Harvard School of Public Health Researcher Susan Clark on Microwave Dangers**, SageofQuay YouTube channel, Jul 10, 2017. [youtu.be/hSdOU\\_qcSBE](https://youtu.be/hSdOU_qcSBE)

<sup>371</sup> **Microwaves, Radio Waves, and Other Types of Radiofrequency Radiation**, [cancer.org/cancer/cancer-causes/radiation-exposure/radiofrequency-radiation.html](https://cancer.org/cancer/cancer-causes/radiation-exposure/radiofrequency-radiation.html)

<sup>372</sup> Dr. George Carlo has noted that, *"Even the American Cancer Society is in bed with the communications industry, which infuses the Society with substantial contributions."* **The American Cancer Society is Misleading the Public**, Aug 5, 2007. [emfrefugee.blogspot.com/2007/08/american-cancer-society-is-misleading.html](https://emfrefugee.blogspot.com/2007/08/american-cancer-society-is-misleading.html)

- 
- <sup>373</sup> **Why Does the American Cancer Society Claim that Smart Meters are Safe? AMI Wireless Corporations are Top Corporate Sponsors – Follow the Money**, Nov 11, 2017. [smartmeterharm.org/2017/11/11/why-does-the-american-cancer-society-claim-that-smart-meters-are-safe-ami-wireless-corporations-are-top-corporate-sponsors-follow-the-money/](https://smartmeterharm.org/2017/11/11/why-does-the-american-cancer-society-claim-that-smart-meters-are-safe-ami-wireless-corporations-are-top-corporate-sponsors-follow-the-money/)
- <sup>374</sup> Christina Sarich, **The Fraud of the American Cancer Society Exposed**, Feb 6, 2016. [naturalsociety.com/cancer-drugs-cost-american-cancer-society-exposed-67380/](https://naturalsociety.com/cancer-drugs-cost-american-cancer-society-exposed-67380/)
- <sup>375</sup> **What is radiation?**, [www.world-nuclear.org/nuclear-basics/what-is-radiation.aspx](http://www.world-nuclear.org/nuclear-basics/what-is-radiation.aspx)
- <sup>376</sup> Chris Everard, **The Real Dr. Strangeloves**, digital book, [ChrisEverard.com](http://ChrisEverard.com).
- <sup>377</sup> Jane G Goldberg, PhD, **The Hormesis Effect: The Miraculous Healing Power of Radioactive Stones**, Sea Raven Press, Nashville, TN, 2014. [amazon.com/Hormesis-Effect-Miraculous-Healing-Radioactive/dp/1943737177](https://amazon.com/Hormesis-Effect-Miraculous-Healing-Radioactive/dp/1943737177)
- <sup>378</sup> Vinny Pinto, **An Introduction to Radiation Health Benefits, Often Called Radiation Hormesis**, Apr 17, 2014. [radiationhormesis.vpinf.com/](http://radiationhormesis.vpinf.com/)
- <sup>379</sup> **The Multiple Benefits of Sunlight for your Health**, Oct 23, 2017, [permaculture.co.uk/articles/multiple-benefits-sunlight-for-health](http://permaculture.co.uk/articles/multiple-benefits-sunlight-for-health) citing [healthline.com/health/depression/benefits-sunlight](http://healthline.com/health/depression/benefits-sunlight)
- <sup>380</sup> Lena Pu, **Pt 2 5g Dangers & Americas Leading Man Problems, Lena Pu & Darryl Hamamoto the Vinny Eastwood Show**, Vinny Eastwood YouTube channel, Mar 21, 2019. [youtu.be/aIOccyNLlvi](https://youtu.be/aIOccyNLlvi)
- <sup>381</sup> Dr. Joseph Mercola, **The Healing Power of Light**, Mercola.com, Mar 22, 2015. [articles.mercola.com/sites/articles/archive/2015/03/22/healing-power-sunlight.aspx](http://articles.mercola.com/sites/articles/archive/2015/03/22/healing-power-sunlight.aspx)
- <sup>382</sup> Chris Dunn, **Should Bath residents be concerned about 5G? City split on EE's message to 'frightened' mum**, May 5, 2019. [somersetlive.co.uk/news/somerset-news/should-bath-residents-concerned-5g-2835532](http://somersetlive.co.uk/news/somerset-news/should-bath-residents-concerned-5g-2835532)
- <sup>383</sup> **Sun Exposure After Radiation**, May 12, 2006. [oncolink.org/frequently-asked-questions/cancer-treatments/radiation-therapy/sun-exposure-after-radiation](http://oncolink.org/frequently-asked-questions/cancer-treatments/radiation-therapy/sun-exposure-after-radiation)
- <sup>384</sup> **Non-Ionizing Radiation**, [en.wikipedia.org/wiki/Non-ionizing\\_radiation](https://en.wikipedia.org/wiki/Non-ionizing_radiation)
- <sup>385</sup> Paulina Nelega, RH, **Free Radical Damage**, NaturalWellBeing.com, May 12, 2012. [https://www.naturalwellbeing.com/learning-center/free\\_radical\\_damage/](https://www.naturalwellbeing.com/learning-center/free_radical_damage/)
- <sup>386</sup> Alexander Wunsch, M.D., **Why the Sun is Necessary for Optimal Health**, University of California TV YouTube channel, [youtu.be/1zBBmh8xQhM](https://youtu.be/1zBBmh8xQhM)
- <sup>387</sup> Ken D. Berry, M.D., **What Your Doctor Won't Tell You About Keto – Ken Berry on Health Theory**, Tom Bilyeu YouTube channel, Dec 13, 2018. [youtu.be/UzE1ZspIHQ](https://youtu.be/UzE1ZspIHQ)

- 
- <sup>388</sup> Patrick Gallagher, **Sunscreen Causes Cancer? What You May Not Know About Sunscreen**, May 7, 2012. [naturalsociety.com/sunscreen-causes-cancer-what-you-may-not-know-about-sunscreen/](https://naturalsociety.com/sunscreen-causes-cancer-what-you-may-not-know-about-sunscreen/)
- <sup>389</sup> Arjun Walia, **How Sunscreen Could Be Causing Skin Cancer, Not The Sun**, Feb. 13, 2017. [collective-evolution.com/2017/02/13/how-sunscreen-could-be-causing-skin-cancer-not-the-sun/](https://collective-evolution.com/2017/02/13/how-sunscreen-could-be-causing-skin-cancer-not-the-sun/)
- <sup>390</sup> **New Study Shows Many Sunscreens are Accelerating not Preventing Cancer**, Apr 22, 2011. [articles.mercola.com/sites/articles/archive/2011/04/22/new-study-shows-many-sunscreens-are-accelerating-not-preventing-cancer.aspx#](https://articles.mercola.com/sites/articles/archive/2011/04/22/new-study-shows-many-sunscreens-are-accelerating-not-preventing-cancer.aspx#)
- <sup>391</sup> Landee Martin, **Sunscreen and the Lies We've Been Told About the Real Causes of Skin Cancer**, [thetruthaboutcancer.com/causes-of-skin-cancer/](https://thetruthaboutcancer.com/causes-of-skin-cancer/)
- <sup>392</sup> Elyn Jacobs, **Sun Exposure: Cancer Cause or Part of the Solution?**, Apr 18, 2016. [thetruthaboutcancer.com/sun-exposure-cancer/](https://thetruthaboutcancer.com/sun-exposure-cancer/)
- <sup>393</sup> M. King, **13% Of U.S. Deaths Attributed to Low Vitamin D Levels**, Mar 8, 2019. [renegadetribune.com/13-of-u-s-deaths-attributed-to-low-vitamin-d-levels/](https://renegadetribune.com/13-of-u-s-deaths-attributed-to-low-vitamin-d-levels/)
- <sup>394</sup> Paul Fassa, **Major Study: Cancer and Sunscreen Myth Exposed**, July 2014. [realpharmacy.com/scientists-blow-the-lid-on-cancer-sunscreen-myth/](https://realpharmacy.com/scientists-blow-the-lid-on-cancer-sunscreen-myth/)
- <sup>395</sup> Ronnie Cohen, **Do Cellphones Cause Cancer? Government Study Reveals 'Stunningly Important' Findings**, Jul 9, 2018. [www.newsweek.com/2018/07/27/cancer-cellphones-ntp-findings-toxicologists-brain-cancer-us-1024633.html](http://www.newsweek.com/2018/07/27/cancer-cellphones-ntp-findings-toxicologists-brain-cancer-us-1024633.html)
- <sup>396</sup> **Man-Made Radiation**, [medicalradiation.com/facts-about-radiation/radiation-sources/man-made-radiation/](https://medicalradiation.com/facts-about-radiation/radiation-sources/man-made-radiation/) and [medicalradiation.com/facts-about-radiation/benefits-and-risks-of-radiation/](https://medicalradiation.com/facts-about-radiation/benefits-and-risks-of-radiation/)
- <sup>397</sup> David T. Ratcliffe, **Nuclear Witnesses, Insiders Speak Out: Rosalie Bertell, Mathematician and Medical Researcher**, Article: 914 of [sgi.talk.ratical.org/radiation/inetSeries/nwRB.html](http://sgi.talk.ratical.org/radiation/inetSeries/nwRB.html), Nov 25, 1992, Silicon Graphics, Inc.
- <sup>398</sup> Arthur Firstenberg, *The Invisible Rainbow*, 2017, AGB Press, Santa Fe, New Mexico,
- <sup>399</sup> **Radiation Safety for Surgical & Invasive Procedures**, North Shore Long Island Jewish Health System, [perioperativeeducation.weebly.com/uploads/9/1/1/9/9119456/\\_radiation\\_safety\\_slm.pdf](https://perioperativeeducation.weebly.com/uploads/9/1/1/9/9119456/_radiation_safety_slm.pdf)
- <sup>400</sup> David T. Ratcliffe, **Nuclear Witnesses, Insiders Speak Out: Rosalie Bertell, Mathematician and Medical Researcher**, Article: 914 of [sgi.talk.ratical.org/radiation/inetSeries/nwRB.html](http://sgi.talk.ratical.org/radiation/inetSeries/nwRB.html), Nov 25, 1992, Silicon Graphics, Inc.
- <sup>401</sup> J.J. Carderelli and B.A. Ulsh, **It Is Time to Move Beyond the Linear No-Threshold Theory for Low-Dose Radiation Protection**, *Dose-Response*, Apr-Jun 2018: 1-24,



---

[junkscience.com/wp-content/uploads/2018/07/Cardarelli-and-Ulsh-Dose-Response-2018.pdf](http://junkscience.com/wp-content/uploads/2018/07/Cardarelli-and-Ulsh-Dose-Response-2018.pdf)

<sup>402</sup> Frank Shallenberger, MD, **The CDC gets it wrong again - the sun doesn't cause melanoma**, Jul 13, 2015. [secondopinionnewsletter.com/Health-Alert-Archive/View-Archive/13474/The-CDC-gets-it-wrong-again--the-sun-doesnt-cause-melanoma.htm](http://secondopinionnewsletter.com/Health-Alert-Archive/View-Archive/13474/The-CDC-gets-it-wrong-again--the-sun-doesnt-cause-melanoma.htm)

<sup>403</sup> Dr. Joseph Mercola, **The Surprising Cause of Melanoma (And No, it's Not Too Much Sun)**, Nov 20, 2011. [articles.mercola.com/sites/articles/archive/2011/11/20/deadly-melanoma-not-due-vitamin-d-deficiency.aspx](http://articles.mercola.com/sites/articles/archive/2011/11/20/deadly-melanoma-not-due-vitamin-d-deficiency.aspx)

<sup>404</sup> Shane Ellison, **Proof: Sunshine Does Not Cause Skin Cancer**, [thepeopleschemist.com/proof-sunshine-does-not-cause-skin-cancer/](http://thepeopleschemist.com/proof-sunshine-does-not-cause-skin-cancer/)

<sup>405</sup> Marco Torres, **Sunlight Does Not Cause Skin Cancer**, *Waking Times*, Jan 20, 2015. [wakingtimes.com/2015/01/20/sunlight-not-cause-skin-cancer/](http://wakingtimes.com/2015/01/20/sunlight-not-cause-skin-cancer/)

<sup>406</sup> Kathleen M. Egan, et al, **Sunlight and reduced risk of cancer: Is the real story vitamin D?**, *Journal of the National Cancer Institute*, Volume 97, Issue 3, Feb, 2 2005, pp 161-163. [scholars.northwestern.edu/en/publications/sunlight-and-reduced-risk-of-cancer-is-the-real-story-vitamin-d](http://scholars.northwestern.edu/en/publications/sunlight-and-reduced-risk-of-cancer-is-the-real-story-vitamin-d)

<sup>407</sup> Daryl Gadow, **State of mine: Many swear to benefits of inhaling radon**, *Missoulian*, Jul 4, 2004. [missoulian.com/news/state-and-regional/state-of-mine-many-swear-to-benefits-of-inhaling-radon/article\\_de78e871-ad4a-5142-bdcc-6ed8c6883417.html](http://missoulian.com/news/state-and-regional/state-of-mine-many-swear-to-benefits-of-inhaling-radon/article_de78e871-ad4a-5142-bdcc-6ed8c6883417.html)

<sup>408</sup> **Benefits of Lightning**, [dandydesigns.org/id22.html](http://dandydesigns.org/id22.html)

<sup>409</sup> **Lightning-produced radiation a potential health concern for air travelers**, Dec 7, 2009. [phys.org/news/2009-12-lightning-produced-potential-health-air.html#jCp](http://phys.org/news/2009-12-lightning-produced-potential-health-air.html#jCp)

<sup>410</sup> Esther Landhuis, **Thunderstorms can generate powerful radiation**, Jan 5, 2015. [sciencenewsforstudents.org/article/thunderstorms-can-generate-powerful-radiation](http://sciencenewsforstudents.org/article/thunderstorms-can-generate-powerful-radiation)

<sup>411</sup> **Airplane WiFi: How Much RF Radiation?**, ThisIrradiatedLife YouTube channel, Dec 4, 2014. [youtu.be/rWySXLQrEjo](http://youtu.be/rWySXLQrEjo)

<sup>412</sup> Lloyd Burrell, **WiFi Radiation in Planes – What You Need to Know to Fly Low EMF**, Aug 12, 2017. [electricssense.com/11622/WiFi-radiation-planes-fly-low-emf/](http://electricssense.com/11622/WiFi-radiation-planes-fly-low-emf/)

<sup>413</sup> **The Aerotoxic Syndrome**, Mar 24, 2019. [dutchanarchy.com/the-aerotoxic-syndrome/](http://dutchanarchy.com/the-aerotoxic-syndrome/)

<sup>414</sup> **X-Rays and their harmful effects**, Jul 4, 2013. [dnaindia.com/health/report-x-rays-and-their-harmful-effects-1857100](http://dnaindia.com/health/report-x-rays-and-their-harmful-effects-1857100)

<sup>415</sup> Andreas Moritz, **The Harmful Side Effects of X-rays Often Pose a Greater Risk than the Original Health Problem**, Sep 27, 2012. [ener-chi.com/the-harmful-side-effects-of-x-rays-often-pose-a-greater-risk-than-the-original-health-problem/](http://ener-chi.com/the-harmful-side-effects-of-x-rays-often-pose-a-greater-risk-than-the-original-health-problem/)

- 
- <sup>416</sup> **Lightning's electromagnetic fields may have protective properties**, Feb 8, 2019. [phys.org/news/2019-02-lightning-electromagnetic-fields-properties.html#jCp](https://phys.org/news/2019-02-lightning-electromagnetic-fields-properties.html#jCp) citing G. Elhalel et al., **Cardioprotection from stress conditions by weak magnetic fields in the Schumann Resonance band**, *Scientific Reports*, 2019, Vol 9(1645).
- <sup>417</sup> Arthur Firstenberg, **The Invisible Rainbow – Informational Summary**.
- <sup>418</sup> Richard A. Muller, **Physics and Technology for Future Presidents: An Introduction to the Essential Physics Every World Leader Needs to Know**, Princeton University Press, Apr 12, 2010, p. 143. <https://tinyurl.com/4jtb7yzu>
- <sup>419</sup> **Health Risk of Radon**, [epa.gov/radon/health-risk-radon](https://epa.gov/radon/health-risk-radon)
- <sup>420</sup> **Studies Find Direct Evidence Linking Radon in Homes to Lung Cancer**, [epa.gov/radon/health-risk-radon#iowa](https://epa.gov/radon/health-risk-radon#iowa)
- <sup>421</sup> **Radiation Effects and Sources**, United Nations Environment Programme, 2016. [large.stanford.edu/courses/2017/ph241/kwan2/docs/unep-2016.pdf](https://large.stanford.edu/courses/2017/ph241/kwan2/docs/unep-2016.pdf)
- <sup>422</sup> **Radon therapy in Austria: Cure and therapy in the Gastein Valley**, [gastein.com/en/radon-therapy-austria](https://gastein.com/en/radon-therapy-austria)
- <sup>423</sup> **Radon Treatments: Effective therapy in stunning locations**, [spadreams.com/radon-3314sxa/](https://spadreams.com/radon-3314sxa/)
- <sup>424</sup> **Radon Spas**, American Nuclear Society, [ans.org/pi/np/spas/](https://ans.org/pi/np/spas/)
- <sup>425</sup> B.E. Erickson, PhD, **The Therapeutic use of Radon: A Biomedical Treatment in Europe; An “Alternative” Remedy in the United States**, *Dose Response*, 2007; Vol 5(1): 48–62. [ncbi.nlm.nih.gov/pmc/articles/PMC2477705/](https://ncbi.nlm.nih.gov/pmc/articles/PMC2477705/)
- <sup>426</sup> **Radiation Safety for Surgical & Invasive Procedures**, North Shore Long Island Jewish Health System, [perioperativeeducation.weebly.com/uploads/9/1/1/9/9119456/\\_radiation\\_safety\\_slm.pdf](https://perioperativeeducation.weebly.com/uploads/9/1/1/9/9119456/_radiation_safety_slm.pdf)
- <sup>427</sup> Dr. Carol Phillips, **Ultrasound Research**, Nov 28, 2012. [youtu.be/-8szzgtX\\_GQ](https://youtu.be/-8szzgtX_GQ) showing video footage from **Fetal Effects of Ultrasound: A Growing Controversy**, aired on Cable News Network in 1993 after the research findings were reported in the *Journal of Nurse-Midwifery*.
- <sup>428</sup> John W. Gofman, Medical Physicist, in Chapter 4 of the 1982 paperback edition of *Nuclear Witnesses, Insiders Speak Out*, by Leslie J. Freeman, 1981 by W W Norton & Company. [ratical.org/radiation/inetSeries/nwJWG.html](https://ratical.org/radiation/inetSeries/nwJWG.html)
- <sup>429</sup> John W. Gofman, *Nuclear Witnesses, Insiders Speak Out*, 1981, W W Norton & Co.
- <sup>430</sup> **Radiation Safety for Surgical & Invasive Procedures**, North Shore Long Island Jewish Health System, [perioperativeeducation.weebly.com/uploads/9/1/1/9/9119456/\\_radiation\\_safety\\_slm.pdf](https://perioperativeeducation.weebly.com/uploads/9/1/1/9/9119456/_radiation_safety_slm.pdf)

---

<sup>431</sup> David Schlesinger, **MR-guided focused ultrasound surgery, present and future**, *Medical Physics*, Aug 2013, Vol 40(8), [ncbi.nlm.nih.gov/pmc/articles/PMC3724793/](https://ncbi.nlm.nih.gov/pmc/articles/PMC3724793/)

<sup>432</sup> Cartoon created by Floris R. Freshman, as posted at Patricia Burke, **The “Artificial” of Artificial Intelligence and MIT’s “Moral Machine,”** Nov 2, 2018. [activistpost.com/2018/11/the-artificial-of-artificial-intelligence-and-mits-moral-machine.html](https://activistpost.com/2018/11/the-artificial-of-artificial-intelligence-and-mits-moral-machine.html). Please note: the views expressed in this book may not be the views of the artist.

<sup>433</sup> **Ionizing radiation, health effects and protective measures**, Apr 2016. [who.int/mediacentre/factsheets/fs371/en/](https://who.int/mediacentre/factsheets/fs371/en/)

<sup>434</sup> James Muckerheide, **It’s Time to Tell The Truth About the Health Benefits of Low-Dose Radiation**, Summer 2000. [21stcenturysciencetech.com/articles/nuclear.html](https://21stcenturysciencetech.com/articles/nuclear.html)

<sup>435</sup> **Radiation is Good For You? The Fringe Viewpoint Gains Ground in the Trump Administration**, The Center for Public Integrity, Feb 27, 2019. [publicintegrity.org/national-security/radiation-is-good-for-you-the-heretical-view-gains-ground-under-trump/](https://publicintegrity.org/national-security/radiation-is-good-for-you-the-heretical-view-gains-ground-under-trump/)

<sup>436</sup> Dr. Carol Phillips, **Ultrasound Research**, Nov 28, 2012. [youtu.be/-8szqgtX\\_GQ](https://youtu.be/-8szqgtX_GQ) showing video footage from **Fetal Effects of Ultrasound: A Growing Controversy**, aired on Cable News Network in 1993 after the research findings were reported in the *Journal of Nurse-Midwifery*.

<sup>437</sup> Magda Havas, **Carcinogenic effects of Non-Ionizing Radiation: A Paradigm Shift**, *JSM Environ Sci Ecol*, Vol 5(2): 1045, [pdfs.semanticscholar.org/ac4b/f6390bd50f71b444ad1d26bb4973ba7674c0.pdf](https://pdfs.semanticscholar.org/ac4b/f6390bd50f71b444ad1d26bb4973ba7674c0.pdf) citing National Cancer Institute, US, 2016, **Cell Phones and Cancer Risk**, [cancer.gov/about-cancer/causes-prevention/risk/radiation/cell-phones-fact-sheet](https://cancer.gov/about-cancer/causes-prevention/risk/radiation/cell-phones-fact-sheet)

<sup>438</sup> Investigative Europe, **Mobile phones and health: is 5G being rolled out too fast?**, April 25, 2019. [computerweekly.com/feature/Mobile-phones-and-health-is-5G-being-rolled-out-too-fast](https://computerweekly.com/feature/Mobile-phones-and-health-is-5G-being-rolled-out-too-fast)

<sup>439</sup> Claire Demoury, et al, **Residential Exposure to Natural Background Radiation and Risk of Childhood Acute Leukemia in France, 1990–2009**, *Environmental Health Perspectives*, Apr 2017, Vol 125(4). [ehp.niehs.nih.gov/ehp296/](https://ehp.niehs.nih.gov/ehp296/)

<sup>440</sup> **Radiation in Everyday Life**, International Atomic Energy Agency, [iaea.org/Publications/Factsheets/English/radlife](https://iaea.org/Publications/Factsheets/English/radlife)

<sup>441</sup> Anonymous, **How Can Nonionizing Radiation cause Cancer?**, Feb 23, 2015. [quora.com/How-can-nonionizing-radiation-cause-cancer](https://quora.com/How-can-nonionizing-radiation-cause-cancer)

<sup>442</sup> **Non-Ionizing Radiation** - [en.wikipedia.org/wiki/Non-ionizing\\_radiation](https://en.wikipedia.org/wiki/Non-ionizing_radiation)

<sup>443</sup> Amy Worthington, **The Radiation Poisoning of America**, Oct 7, 2007, [rense.com/general78/rad.htm](https://rense.com/general78/rad.htm) citing an interview with Dr. Eckel published by

---

Schwabischen Post 12-07-06. Find this interview at [heseproject.org](http://heseproject.org) . See "The Cell Nucleus is Mutating."

<sup>444</sup> **Studies**, JustProveIt.net, 2010. [justproveit.net/studies](http://justproveit.net/studies)

<sup>445</sup> Martin Pall, PhD, **5G: Great risk for EU, U.S. and International Health!**, Released May 17, 2018. [peaceinspace.blogspot.com/files/5g-emf-hazards--dr-martin-l.-pall--eu-emf2018-6-11us3.pdf](http://peaceinspace.blogspot.com/files/5g-emf-hazards--dr-martin-l.-pall--eu-emf2018-6-11us3.pdf)

<sup>446</sup> **Bioinitiative 2012: A Rationale for Biologically-based Public Exposure Standards for Electromagnetic Fields (ELF and RF)**, [bioinitiative.org/](http://bioinitiative.org/)

<sup>447</sup> Dr. Carol Phillips, **Ultrasound Research**, video looking at a report televised by CNN in 1993 after the research findings were reported in the Journal of Nurse-Midwifery. This video also shows video clips of the cellular changes that occurred after one exposure of ultrasound energy. [YouTube.com/watch?v=-8szqgtX\\_GQ](https://www.youtube.com/watch?v=-8szqgtX_GQ)

<sup>448</sup> **Health Effects of Prenatal Radiation Exposure**, American Family Physician, Sep 1, 2010. [aafp.org/afp/2010/0901/p488.html](http://aafp.org/afp/2010/0901/p488.html)

<sup>449</sup> **Radiation-Emitting Products: Ultrasound Imaging**, [fda.gov/Radiation-EmittingProducts/RadiationEmittingProductsandProcedures/MedicalImaging/ucm115357.htm](http://fda.gov/Radiation-EmittingProducts/RadiationEmittingProductsandProcedures/MedicalImaging/ucm115357.htm)

<sup>450</sup> Earl H. Newcomer, et al., **Chromosomal and Nuclear Aberrations Induced by Ultrasonic Vibrations**, *American Journal of Botany*, February 1949, Vol 36(2): 230-236. [jstor.org/stable/2437793](http://www.jstor.org/stable/2437793)

<sup>451</sup> Marveen Kraig, *Essentials of Sonography and Patient Care*, Elsevier Saunders, St. Louis, Missouri, 2013, p. 4, [tinyurl.com/257ycvy7](http://tinyurl.com/257ycvy7)

<sup>452</sup> M.R. Sikov, et al., **Stage Dependence of Ultrasound-Induced Embryotoxicity in the Rat**, IEEE Transactions on Ultrasonics, Ferroelectrics and Frequency Control, March 1986. Vol. UFFC-33(2).

<sup>453</sup> M.R. Sikov, et al., **Effects of prenatal exposure to ultrasound**, in *Advances in the Study of Birth Defects: Teratological Testing*, T.V.N. Persaud (ed), University Park Press, Baltimore, Maryland, 1979:267-291.

<sup>454</sup> **Ionizing Radiation**, [en.wikipedia.org/wiki/Ionizing\\_radiation](http://en.wikipedia.org/wiki/Ionizing_radiation)

<sup>455</sup> Nipun, **Difference Between Ionizing and Nonionizing Radiation**, 19, 2015. [pediaa.com/difference-between-ionizing-and-nonionizing-radiation/](http://pediaa.com/difference-between-ionizing-and-nonionizing-radiation/)

<sup>456</sup> **Non- Ionizing Radiation**, [broom02.revoly.com/topic/Non-ionizing%20radiation](http://broom02.revoly.com/topic/Non-ionizing%20radiation)

<sup>457</sup> **Ionizing Radiation – Ionizing versus Non-ionizing Radiation**, Bodner Research Web, [chemed.chem.purdue.edu/genchem/topicreview/bp/ch23/radiation.php](http://chemed.chem.purdue.edu/genchem/topicreview/bp/ch23/radiation.php)

- 
- <sup>458</sup> **Radiation Effects and Sources**, United Nations Environment Programme, 2016. [large.stanford.edu/courses/2017/ph241/kwan2/docs/unep-2016.pdf](http://large.stanford.edu/courses/2017/ph241/kwan2/docs/unep-2016.pdf)
- <sup>459</sup> **Ionizing Radiation**, [theinfolist.com/php/HTMLGet.php?FindGo=ionizing\\_radiation](http://theinfolist.com/php/HTMLGet.php?FindGo=ionizing_radiation)
- <sup>460</sup> **What is Ionizing Radiation?**, Data sheets prepared by Ohio State University Extension and reviewed and updated at Rutgers University, Department of Environmental Sciences by Alan Appleby, Ph.D., et al., Nov, 1996. [nj.gov/dep/rpp/llrw/download/fact02.pdf](http://nj.gov/dep/rpp/llrw/download/fact02.pdf)
- <sup>461</sup> **Radiation Effects and Sources**, United Nations Environment Programme, 2016. [large.stanford.edu/courses/2017/ph241/kwan2/docs/unep-2016.pdf](http://large.stanford.edu/courses/2017/ph241/kwan2/docs/unep-2016.pdf)
- <sup>462</sup> Michelle Adelman, **Google's smart city proposal may be hazardous to Toronto's health**, NOW Toronto, May 9, 2019, [nowtoronto.com/news/google-smart-city-5G-health-concerns/](http://nowtoronto.com/news/google-smart-city-5G-health-concerns/)
- <sup>463</sup> Rinko Kubota, et al., **Double-Strand Breaks in Genome-Sized DNA Caused by Ultrasound**, *Chemphyschem*, Apr 19, 2017, Vol 18(8): 959-964. [ncbi.nlm.nih.gov/pmc/articles/PMC5413823/](http://ncbi.nlm.nih.gov/pmc/articles/PMC5413823/)
- <sup>464</sup> Y. Furusawa, et al., **Effects of therapeutic ultrasound on the nucleus and genomic DNA**, *Ultrasonics Sonochemistry*, 2014, Vol 21:2061–2068.
- <sup>465</sup> H. Lodish, et al, **Molecular Cell Biology. 4th edition**, Section 12.4, DNA Damage and Repair and Their Role in Carcinogenesis, W.H. Freeman, New York, 2000. [ncbi.nlm.nih.gov/books/NBK21554/](http://ncbi.nlm.nih.gov/books/NBK21554/)
- <sup>466</sup> T.R. Goodman, M.D., **Ionizing Radiation Effects and Their Risk to Humans**, Image Wisely, Radiation Safety in Adult Medical Imaging, [imagewisely.org/Imaging-Modalities/Computed-Tomography/Imaging-Physicians/Articles/Ionizing-Radiation-Effects-and-Their-Risk-to-Humans](http://imagewisely.org/Imaging-Modalities/Computed-Tomography/Imaging-Physicians/Articles/Ionizing-Radiation-Effects-and-Their-Risk-to-Humans)
- <sup>467</sup> **Acute Radiation Syndrome**, [en.wikipedia.org/wiki/Acute\\_radiation\\_syndrome](http://en.wikipedia.org/wiki/Acute_radiation_syndrome)
- <sup>468</sup> **Ionizing Radiation**, [en.wikipedia.org/wiki/Ionizing\\_radiation](http://en.wikipedia.org/wiki/Ionizing_radiation)
- <sup>469</sup> **Radiation Health Effects**, Jul 21, 2016. [epa.gov/radiation/radiation-health-effects](http://epa.gov/radiation/radiation-health-effects)
- <sup>470</sup> A. Tonacci, **Olfactory non-cancer effects of exposure to ionizing radiation in staff working in the cardiac catheterization laboratory**, *Cardiology*, Feb 15, 2014, Vol 171(30): 461-463. [internationaljournalofcardiology.com/article/S0167-5273\(14\)00098-9/abstract](http://internationaljournalofcardiology.com/article/S0167-5273(14)00098-9/abstract)
- <sup>471</sup> **Doses in Our Daily Lives**, United States Nuclear Regulatory Commission, NRC.gov. <https://www.nrc.gov/about-nrc/radiation/around-us/doses-daily-lives.html>
- <sup>472</sup> **Big Telecom's Power Grab**, [telecompowergrab.org/](http://telecompowergrab.org/)
- <sup>473</sup> **Radiation Effects and Sources**, United Nations Environment Programme, 2016. [large.stanford.edu/courses/2017/ph241/kwan2/docs/unep-2016.pdf](http://large.stanford.edu/courses/2017/ph241/kwan2/docs/unep-2016.pdf)

- 
- <sup>474</sup> Karen Raymakers, **Can Exposure to Radiation Cause Leukemia?**, July 27, 2017. [verywellhealth.com/can-exposure-to-radiation-cause-leukemia-2252385](https://www.verywellhealth.com/can-exposure-to-radiation-cause-leukemia-2252385)
- <sup>475</sup> Gary Null, PhD, et al., **Death By Medicine**, [webdc.com/pdfs/deathbymedicine.pdf](https://webdc.com/pdfs/deathbymedicine.pdf)
- <sup>476</sup> **The Vaccine Reaction, Study: Medical Errors Top Cause of Death Worldwide – 4 out of 10 Patients Harmed**, Nov 29, 2019. [healthimpactnews.com/2019/study-medical-errors-top-cause-of-death-worldwide-4-out-of-10-patients-harmed/](https://healthimpactnews.com/2019/study-medical-errors-top-cause-of-death-worldwide-4-out-of-10-patients-harmed/)
- <sup>477</sup> Marshall Allen, **How Many Die From Medical Mistakes In U.S. Hospitals?**, National Public Radio, Sep 20, 2013. [npr.org/sections/health-shots/2013/09/20/224507654/how-many-die-from-medical-mistakes-in-u-s-hospitals](https://www.npr.org/sections/health-shots/2013/09/20/224507654/how-many-die-from-medical-mistakes-in-u-s-hospitals)
- <sup>478</sup> Robert Gearty, **Hospital records were sometimes falsified to cover up medical mistakes**, Jul 26, 2009. [nydailynews.com/new-york/hospital-records-falsified-cover-medical-mistakes-article-1.395194](https://www.nydailynews.com/new-york/hospital-records-falsified-cover-medical-mistakes-article-1.395194)
- <sup>479</sup> **The surprising dangers of CT scans and X-rays: Patients are often exposed to cancer-causing radiation for little medical reason, a Consumer Reports investigation finds**, Consumer Reports, Jan 27, 2015. [consumerreports.org/cro/magazine/2015/01/the-surprising-dangers-of-ct-sans-and-x-rays/index.htm](https://www.consumerreports.org/cro/magazine/2015/01/the-surprising-dangers-of-ct-sans-and-x-rays/index.htm)
- <sup>480</sup> Dr. Rebecca Smith-Bindman, **The Bleeding Edge**, Documentary Film about the dangers of many medical devices, Accessed Aug 11, 2018. [netflix.com/watch/80170862?trackId=13752289&tctx=0%2C0%2Cfd8da40f-f498-4824-8db3-242664792195-2099734%2C%2C](https://www.netflix.com/watch/80170862?trackId=13752289&tctx=0%2C0%2Cfd8da40f-f498-4824-8db3-242664792195-2099734%2C%2C)
- <sup>481</sup> **The Bleeding Edge**, Documentary Film about the dangers of many medical devices, Accessed Aug 11, 2018. [netflix.com/watch/80170862?trackId=13752289&tctx=0%2C0%2Cfd8da40f-f498-4824-8db3-242664792195-2099734%2C%2C](https://www.netflix.com/watch/80170862?trackId=13752289&tctx=0%2C0%2Cfd8da40f-f498-4824-8db3-242664792195-2099734%2C%2C)
- <sup>482</sup> Nancy Evans, et al., **Radiation and Cancer: A Need for Action**, Jan 2009. [healthandenvironment.org/docs/xaruploads/RadiationAndCancer2009.pdf](https://www.healthandenvironment.org/docs/xaruploads/RadiationAndCancer2009.pdf)
- <sup>483</sup> Mayo Clinic Staff, **Radiation Therapy**, July 26, 2014. [mayoclinic.org/tests-procedures/radiation-therapy/basics/definition/PRC-20014327](https://www.mayoclinic.org/tests-procedures/radiation-therapy/basics/definition/PRC-20014327)
- <sup>484</sup> Katarzyna Milowska, et al., **Reactive oxygen species and DNA damage after ultrasound exposure**, *Biomolecular Engineering*, June 2007, Volume 24(2): 263–267. [sciencedirect.com/science/article/pii/S1389034407000226](https://www.sciencedirect.com/science/article/pii/S1389034407000226)
- <sup>485</sup> Jim West, **DUS Hazards**, excerpts from Jim West’s third book on childhood disease, published in the April 2017 issue of *Townsend Letter*, [harvoa.org/chs/pr/dus\\_haz.htm](https://www.harvoa.org/chs/pr/dus_haz.htm), citing JiaYin Zhang et al., **Long Dwell-Time Exposure of Human Chorionic Villi to Transvaginal Ultrasound in the First Trimester of Pregnancy Induces Activation of Caspase-3 and Cytochrome C Release**, *Biology of Reproduction*, Aug 2002, 67(2): 580–83, [bioone.org/doi/abs/10.1095/biolreprod67.2.580?journalCode=biore](https://www.bioone.org/doi/abs/10.1095/biolreprod67.2.580?journalCode=biore)

- 
- <sup>486</sup> Caroline Rodgers, comment made a blog by Jon Poling entitled **Mitochondrial Dysfunction Not Rare In Autism**, [AdventuresinAutism.blogspot.com](http://AdventuresinAutism.blogspot.com), April 11, 2008, [adventuresinautism.blogspot.com/2008/04/jon-poling-mitochondrial-dysfunction.html](http://adventuresinautism.blogspot.com/2008/04/jon-poling-mitochondrial-dysfunction.html)
- <sup>487</sup> **Introduction to Ultrasound – History of Ultrasound**, [powershow.com/view1/7e2ad-ZDc1Z/Introduction\\_to\\_Ultrasound\\_History\\_of\\_Ultrasound\\_powerpoint\\_ppt\\_presentati](http://powershow.com/view1/7e2ad-ZDc1Z/Introduction_to_Ultrasound_History_of_Ultrasound_powerpoint_ppt_presentati) on and **Diagnostic Ultrasound**, [quizlet.com/144854421/diagnostic-ultrasound-flash-cards/](http://quizlet.com/144854421/diagnostic-ultrasound-flash-cards/)
- <sup>488</sup> Marveen Kraig, *Essentials of Sonography and Patient Care*, Elsevier Saunders, St. Louis, Missouri, 2013, p. 4, [tinyurl.com/257ycvy7](http://tinyurl.com/257ycvy7)
- <sup>489</sup> Earl H. Newcomer, et al., **Chromosomal and Nuclear Aberrations Induced by Ultrasonic Vibrations**, *American Journal of Botany*, Feb 1949, Vol 36(2): 230-236. [jstor.org/stable/2437793](http://jstor.org/stable/2437793)
- <sup>490</sup> M. Kato, **Visible Mutation Induced in *Drosophila* by Ultrasonic Vibration**, *Bulletin of the Osaka Medical School*, 1966, Vol. 12:114-188.
- <sup>491</sup> M.R. Sikov, at al., **Effects of prenatal exposure to ultrasound**, in *Advances in the Study of Birth Defects: Teratological Testing*, T.V.N. Persaud (ed), University Park Press, Baltimore, Maryland, 1979: 267-291.
- <sup>492</sup> M.R. Sikov, et al., **Stage Dependence of Ultrasound-Induced Embryotoxicity in the Rat**, *IEEE Transactions on Ultrasonics, Ferroelectrics and Frequency Control*, Mar 1986. Vol. UFFC-33(2).
- <sup>493</sup> Jim West, **DUS Hazards**, excerpts from Jim West's third book on childhood disease, published in the April 2017 issue of *Townsend Letter*, [harvoa.org/chs/pr/dus\\_haz.htm](http://harvoa.org/chs/pr/dus_haz.htm), citing Z. Hocevar, et al, **Gene expression profiling of rat fetuses exposed to 2-dimensional ultrasound**, *Journal of Ultrasound in Medicine*, Jun 2012, 31(6):923-32, [ncbi.nlm.nih.gov/pubmed/22644689](http://ncbi.nlm.nih.gov/pubmed/22644689) and D. Liebeskind, et al., **Morphological changes in the surface characteristics of cultured cells after exposure to diagnostic ultrasound**, *Radiology*, Feb. 1981, 138(2):419-23. [ncbi.nlm.nih.gov/pubmed/7455124](http://ncbi.nlm.nih.gov/pubmed/7455124)
- <sup>494</sup> Z. Hocevar, et al, **Gene expression profiling of rat fetuses exposed to 2-dimensional ultrasound**, *Journal of Ultrasound in Medicine*, Jun 2012, 31(6):923-32, [ncbi.nlm.nih.gov/pubmed/22644689](http://ncbi.nlm.nih.gov/pubmed/22644689)
- <sup>495</sup> Z Hocevar, MD, et al., **Gene Expression Profiling of Rat Fetuses Exposed to 2-Dimensional Ultrasound**, *J Ultrasound Med*, 2012, Volume 31, pp 923-932.
- <sup>496</sup> Dr. Doreen Liebeskind, [zoominfo.com/p/Doreen-Liebeskind/1106431996](http://zoominfo.com/p/Doreen-Liebeskind/1106431996)
- <sup>497</sup> Dr. Carol Phillips, **Ultrasound Research**, Nov 28, 2012. [youtu.be/-8szqgtX\\_GQ](http://youtu.be/-8szqgtX_GQ) showing video footage from **Fetal Effects of Ultrasound: A Growing Controversy**, aired on Cable News Network in 1993 after the research findings were reported in the *Journal of Nurse-Midwifery*. Also see D. Liebeskind, et al., **Morphological changes in the surface characteristics of cultured cells after exposure to diagnostic ultrasound**, *Radiology*, Feb. 1981, 138(2):419-23. [https://www.ncbi.nlm.nih.gov/pubmed/7455124](http://www.ncbi.nlm.nih.gov/pubmed/7455124)

---

<sup>498</sup> Jim West, **DUS Hazards**, excerpts from Jim West's third book on childhood disease, published in the April 2017 issue of *Townsend Letter*, [harvoa.org/chs/pr/dus\\_haz.htm](http://harvoa.org/chs/pr/dus_haz.htm), citing Z. Hocevar, et al, **Gene expression profiling of rat fetuses exposed to 2-dimensional ultrasound**, *Journal of Ultrasound in Medicine*, Jun 2012, 31(6):923-32, [ncbi.nlm.nih.gov/pubmed/22644689](http://ncbi.nlm.nih.gov/pubmed/22644689) and D. Liebeskind, et al., **Morphological changes in the surface characteristics of cultured cells after exposure to diagnostic ultrasound**, *Radiology*, Feb. 1981, 138(2):419-23. [www.ncbi.nlm.nih.gov/pubmed/7455124](http://www.ncbi.nlm.nih.gov/pubmed/7455124)

<sup>499</sup> Dndthompson, **Ultrasound And Fetal Dopplers for Pets: What You Need to Know**, Feb 7, 2015. [doodlesandpoodlesnaturally.com/ultrasound-fetal-dopplers/](http://doodlesandpoodlesnaturally.com/ultrasound-fetal-dopplers/)

<sup>500</sup> Dr. Carol Phillips, **Ultrasound Research**, Nov 28, 2012. [youtu.be/-8szqgtX\\_GQ](http://youtu.be/-8szqgtX_GQ) showing video footage from **Fetal Effects of Ultrasound: A Growing Controversy**, aired on Cable News Network in 1993 after the research findings were reported in the *Journal of Nurse Midwifery*.

<sup>501</sup> *ibid*

<sup>502</sup> *ibid*

<sup>503</sup> *ibid*

<sup>504</sup> *ibid*

<sup>505</sup> *ibid*

<sup>506</sup> *ibid*

<sup>507</sup> Dr. Carol Phillips, **Ultrasound Research**, video looking at a report televised by CNN in 1993 after the research findings were reported in the *Journal of Nurse Midwifery*. This video also shows video clips of the cellular changes that occurred after one exposure of ultrasound energy. [https://www.YouTube.com/watch?v=-8szqgtX\\_GQ](https://www.YouTube.com/watch?v=-8szqgtX_GQ)

<sup>508</sup> D. Liebeskind, et al., **Diagnostic Ultrasound: Time Lapse and Transmission Electron Microscopic Studies of Cells Isonated *In Vitro***, *Br. J.Cancer*, 1982, Vol. 45, Suppl. V, p. 176. [ncbi.nlm.nih.gov/pmc/articles/PMC2149293/pdf/brjcancersuppl00063-0185.pdf](http://ncbi.nlm.nih.gov/pmc/articles/PMC2149293/pdf/brjcancersuppl00063-0185.pdf)

<sup>509</sup> D. Liebeskind, M.D., et al., **Diagnostic Ultrasound: Effects on the DNA and Growth Patterns of Animal Cells**, *Radiology*, April 1979, Volume 131, pp 177-184.

<sup>510</sup> H. Galperin-Lemaitre, et al., **Fragmentation of Purified Mammalian DNA Molecules by Ultrasound below Human Therapeutic Doses**, *Humangenetik*, 1975, Vol 29:61-66.

<sup>511</sup> John Thacker, **The Possibility of Genetic Hazard from Ultrasonic Radiation**, *Current Topics in Radiation Research Quarterly*, 8, 1973, pp 235-258 citing A. Szent-Fyorgyi, *Nature*, 1933, Volume 131, p. 278 and G. Goldstein, et al, *J. Polymer Sci.*, 1950, Volume 5, p. 687, and I.B. Zabarski, et al, *Dokl Akad Nauk SSSR*, 1951, Volume 77, p 439, and N.I. Ryabchenko, et al, *Biofizika*, 1964, Volume 9, p 162, and I.E. El'Piner, et al, *Dokl Akad Nauk SSSR*, 1963, Volume 151, p. 971.



---

<sup>512</sup> V. Garaj-Vrhovac, et al., **Induction of Micronuclei in Human Lymphocytes After Occupational Exposure to Ultrasound**, *Chemosphere*, 1999, Vol 39(15): 3541-3553, [academia.edu/27098722/Induction\\_of\\_micronuclei\\_in\\_human\\_lymphocytes\\_after\\_occupational\\_exposure\\_to\\_ultrasound](https://academia.edu/27098722/Induction_of_micronuclei_in_human_lymphocytes_after_occupational_exposure_to_ultrasound) citing H. Galperin-Lemaitre, et al., **Fragmentation of purified mammalian DNA molecules by ultrasound below human therapeutic doses**, *Humangenetik*, 1975, Vol 29: 61-66 and T. Kondo, et al, **Damage in DNA irradiated with 1.2 MHz ultrasound and its effect on template activity of DNA for RNA synthesis**, *Radiation Research*, 1985, Vol 104: 284-292, and T. Kondo and G Yoshii, **Effect of intensity of 1.2 MHz ultrasound on change in DNA synthesis of irradiated mouse L cells**, *Ultrasound in Medicine Biology*, 1985, Vol 11(I): 113-119, and V. Garaj-Vrhovac et al., **Cytogenetic effects of occupational exposure to ultrasound: pilot study**, In Abstracts of 25th annual meeting of EEMS, 1995; p 135, and D.L. Miller and R.M. Thomas, **The role of cavitation in the induction of cellular DNA damage by ultrasound and lithotripter shock waves in vitro**, *Ultrasound in Medicine Biology*, 1996; 22(S): 681-687, and DL Miller et al, **Comet assay reveals DNA strand breaks induced by ultrasonic cavitation in vitro**, *Ultrasound in Medicine Biology*, 1995, Vol 21(6): 841-848.

<sup>513</sup> Rinko Kubota, et al., **Double-Strand Breaks in Genome-Sized DNA Caused by Ultrasound**, *Chemphyschem*, Apr 19, 2017, Vol 18(8): 959-964. [ncbi.nlm.nih.gov/pmc/articles/PMC5413823/](https://ncbi.nlm.nih.gov/pmc/articles/PMC5413823/)

<sup>514</sup> Manasseh R. (2015) **Acoustic Bubbles, Acoustic Streaming, and Cavitation Microstreaming**, In: Ashokkumar M. (eds) *Handbook of Ultrasonics and Sonochemistry*. Springer, Singapore [link.springer.com/referenceworkentry/10.1007%2F978-981-287-470-2\\_5-1](https://link.springer.com/referenceworkentry/10.1007%2F978-981-287-470-2_5-1)

<sup>515</sup> Zachary T. Hafez, **The Role of Microstreaming in Ultrasound-Enhanced Thrombolysis**, Thesis Submitted in partial fulfillment of the requirements for the degree of Master of Science in Bioengineering in the Graduate College of the University of Illinois at Urbana-Champaign, 2008, [brl.illinois.edu/Downloads/hafez/HafezMS.pdf](http://brl.illinois.edu/Downloads/hafez/HafezMS.pdf)

<sup>516</sup> ibid

<sup>517</sup> Chris Kresser, **Natural childbirth IIb: ultrasound not as safe as commonly thought**, Jul 15, 2011, [chriskresser.com/natural-childbirth-ii-b-ultrasound-not-as-safe-as-commonly-thought/](https://chriskresser.com/natural-childbirth-ii-b-ultrasound-not-as-safe-as-commonly-thought/) citing C.C. Church and M.W. Miller, **Quantification of risk from fetal exposure to diagnostic ultrasound**, *Prog Biophys Mol Biol.*, Jan-Apr 2007, Vol 93(1-3):331-53, [ncbi.nlm.nih.gov/pubmed/16949653](https://ncbi.nlm.nih.gov/pubmed/16949653)

<sup>518</sup> **Shear Wave**, [medical-dictionary.thefreedictionary.com/shear+wave](https://medical-dictionary.thefreedictionary.com/shear+wave)

<sup>519</sup> **Elastography**, [en.wikipedia.org/wiki/Elastography](https://en.wikipedia.org/wiki/Elastography)

<sup>520</sup> Emily Casanova, **The Biology of Ultrasound**, January 10, 2013. [scienceovercuppa.com/2013/01/10/the-biology-of-ultrasound/](https://scienceovercuppa.com/2013/01/10/the-biology-of-ultrasound/)

<sup>521</sup> Yi Feng, PhD, et al, **Bioeffects of Low-Intensity Ultrasound In Vitro**, 2010, Vol 29(6): 963–974. [onlinelibrary.wiley.com/doi/full/10.7863/jum.2010.29.6.963](https://onlinelibrary.wiley.com/doi/full/10.7863/jum.2010.29.6.963)

---

<sup>522</sup> Kelly Brogan, MD, **Perils of Peeking into the Womb: Ultrasound Risks**, 2016.  
[kellybroganmd.com/ultrasound-risks-perils-of-peeking-into-the-womb/](http://kellybroganmd.com/ultrasound-risks-perils-of-peeking-into-the-womb/)

<sup>523</sup> **The Pulsed Microwave Radar Tower and the Cell – The Role of Calcium**, Sep 10, 2014.  
[darkmattersalot.com/2014/09/10/the-pulsed-microwave-radar-tower-and-the-cell-the-role-of-calcium/](http://darkmattersalot.com/2014/09/10/the-pulsed-microwave-radar-tower-and-the-cell-the-role-of-calcium/)

<sup>524</sup> Hariharan Shankar, M.B.B.S., et al., **Potential Adverse Ultrasound-related Biological Effects: A Critical Review**, *Anesthesiology*, November 2011, Volume 115, pp 1109-1124, citing AJ Mortimer and M Dyson, **The effect of therapeutic ultrasound on calcium uptake in fibroblasts**, *Ultrasound Med Biol*, 1988, Vol 14:499–506, and MA Dinno, et al., **The effect of therapeutic ultrasound on electrophysiological parameters of frog skin**, *Ultrasound Med Biol*, 1989, Vol 15:461–70, and MA Dinno, et al, **The significance of membrane changes in the safe and effective use of therapeutic and diagnostic ultrasound**, *Phys Med Biol*, 1989, Vol 34:1543–52 and IV Chapman, et al, **Ultrasound-induced changes in rates of influx and efflux of potassium ions in rat thymocytes *in vitro***, *Ultrasound Med Biol*, 1980, Vol 6:47–58 and LB Feril Jr and T Kondo, **Biological effects of low intensity ultrasound: The mechanism involved, and its implications on therapy and on biosafety of ultrasound**, *J Radiat Res (Tokyo)*, 2004, Vol 45:479–89.  
[anesthesiology.pubs.asahq.org/Article.aspx?articleid=1934478](http://anesthesiology.pubs.asahq.org/Article.aspx?articleid=1934478)

<sup>525</sup> C.A. Ehlinger, et al., **Diagnostic ultrasound increases sister chromatid exchange; preliminary report**, *Wisconsin Medical Journal*, Aug 1981, Vol 80: 21-22.

<sup>526</sup> N. Ozawa, et al., **Sister Chromatid Exchanges in Human Lymphocytes after Exposure to Pulse-Wave Ultrasound**, *Tohoku J Exp Med*, 1984, Volume 143, pp 473-480.

<sup>527</sup> D. Liebeskind, et al., **Sister Chromatid Exchanges in Human Lymphocytes after Exposure to Diagnostic Ultrasound**, *Science*, September 21, 1979, Volume 205, pp 1273-1275.

<sup>528</sup> M.G. Andreassi, **The biological effects of diagnostic cardiac imaging on chronically exposed physicians: the importance of being non-ionizing**, *Cardiovascular Ultrasound*, Nov 2004, [cardiovascularultrasound.biomedcentral.com/articles/10.1186/1476-7120-2-25](http://cardiovascularultrasound.biomedcentral.com/articles/10.1186/1476-7120-2-25) citing M. Stella, et al., **Induction of sister-chromatid exchanges in human lymphocytes exposed *in vitro* and *in vivo* to therapeutic ultrasound**, *Mutation Research/Genetic Toxicology*, Oct 1984, Vol 138(1): 75-85.  
[sciencedirect.com/science/article/pii/0165121884900880?via%3Dihub](http://sciencedirect.com/science/article/pii/0165121884900880?via%3Dihub)

<sup>529</sup> M. Haupt, et al, **Ultrasonic Induction of Sister Chromatic Exchanges in Human Lymphocytes**, *Hum Genet*, 1981, Vol 59: 221-226.

<sup>530</sup> D. Liebeskind, M.D., et al., **Diagnostic Ultrasound: Effects on the DNA and Growth Patterns of Animal Cells**, *Radiology*, April 1979, Vol 131: 177-184.

<sup>531</sup> Dr. J. Z. Srbely, **The Biophysical Effects of Ultrasound - A Review of the Current Literature**, 2018.  
[researchgate.net/publication/237364377\\_THE\\_BIOPHYSICAL\\_EFFECTS\\_OF\\_ULTRASOUND](http://researchgate.net/publication/237364377_THE_BIOPHYSICAL_EFFECTS_OF_ULTRASOUND)

- 
- <sup>532</sup> S.B. Barnett, et al., **The sensitivity of biological tissue to ultrasound**, *Ultrasound Med Biol*, 1997, Vol 23(6): 805-812. [ncbi.nlm.nih.gov/pubmed/9300983](https://ncbi.nlm.nih.gov/pubmed/9300983)
- <sup>533</sup> Rob Edwards, **Shadow of a Doubt**, Jun 12, 1999, [newscientist.com/article/mg16221903-800-shadow-of-a-doubt/](https://newscientist.com/article/mg16221903-800-shadow-of-a-doubt/)
- <sup>534</sup> Emily Williams and Manuel Casanova, **Reassessment of Teratogenic Risk from Antenatal Ultrasound**, *Translational Neuroscience*, 2013, Vol 4(1): 81-87. [degruyter.com/downloadpdf/j/tnsci.2013.4.issue-1/s13380-013-0112-7/s13380-013-0112-7.pdf](https://degruyter.com/downloadpdf/j/tnsci.2013.4.issue-1/s13380-013-0112-7/s13380-013-0112-7.pdf)
- <sup>535</sup> Dr. Carol Phillips, **Ultrasound Research**, 28, 2012. [youtu.be/-8szqgtX\\_GQ](https://youtu.be/-8szqgtX_GQ) showing video footage from **Fetal Effects of Ultrasound: A Growing Controversy**, aired on Cable News Network in 1993 after the research findings were reported in the *Journal of Nurse-Midwifery*.
- <sup>536</sup> Dr. Robert O. Becker, **Cross Currents – The Perils of Electropollution, The Promise of Electromedicine**, Jeremy P. Tarcher, Penguin Group, New York, 1990.
- <sup>537</sup> **Radiation Effects and Sources**, United Nations Environment Programme, 2016. [large.stanford.edu/courses/2017/ph241/kwan2/docs/uneep-2016.pdf](https://large.stanford.edu/courses/2017/ph241/kwan2/docs/uneep-2016.pdf)
- <sup>538</sup> Polly Block, **Polly's Birth Book: Obstetrics For the Home**, Hearthspun Publishers, May 1996, pp. 110-114. As quoted by Daniel Duke at "**Ultrasound And The Hidden Dangers To Your Baby**" - **Ultrasound is not sound. It is non-ionizing radiation,**" Dec 24, 2010. [facebook.com/notes/daniel-duke/ultrasound-and-the-hidden-dangers-to-your-baby-ultrasound-is-not-sound-it-is-non/187005794646919](https://facebook.com/notes/daniel-duke/ultrasound-and-the-hidden-dangers-to-your-baby-ultrasound-is-not-sound-it-is-non/187005794646919)
- <sup>539</sup> West, Jim. **50 Human Studies, in Utero, Conducted in Modern China, Indicate Extreme Risk for Prenatal Ultrasound: A New Bibliography** (Kindle Locations 404-405). harvoa. Kindle Edition.
- <sup>540</sup> C.E. Aiken and C.C. Lees, **Long-term effects of in utero Doppler ultrasound scanning – A developmental programming perspective**, *Medical Hypothesis*, 2012, Vol 78: 539-541.
- <sup>541</sup> Rob Edwards, **Shadow of a Doubt**, Jun 12, 1999. [newscientist.com/article/mg16221903-800-shadow-of-a-doubt/](https://newscientist.com/article/mg16221903-800-shadow-of-a-doubt/)
- <sup>542</sup> Frederick L. Cataldo, **A Description of Ultrasonically-Induced Chromosomal Anomalies in Vicia Faba**, *Radiation Botany*, 1973, Vol. 13, pp 211-213. [eurekamag.com/pdf.php?pdf=000003361](https://eurekamag.com/pdf.php?pdf=000003361)
- <sup>543</sup> J. Thacker, **The Possibility of Genetic Hazard from Ultrasonic Radiation**, *Current Topics Rad. Res. Quarterly*, 1973, Vol 8: 235-238.
- <sup>544</sup> **Ultrasound from Conception to 10+0 Weeks of Gestation**, *Royal College of Obstetricians & Gynecologists*, Scientific Impact Paper No. 49, Mar 2015, p. 5. [rcog.org.uk/globalassets/documents/guidelines/scientific-impact-papers/sip-49.pdf](https://rcog.org.uk/globalassets/documents/guidelines/scientific-impact-papers/sip-49.pdf)

- 
- <sup>545</sup> **Health Effects of Exposure to Ultrasound and Infrasound**, *Report of the independent Advisory Group on Non-ionising Radiation, Documents of the Health Protection Agency Radiation, Chemical and Environmental Hazards*, February 2010, p.77, Gov.uk, citing Thacker J (1973), **The possibility of genetic hazard from ultrasonic radiation**, *Curr Topics Radiat Res Quarterly*, 8, 235–58, and Miller DL and Thomas RM (1995a), **Ultrasound contrast agents nucleate inertial cavitation in vitro**, *Ultrasound Med Biol*, 21, 1059–65 and Miller DL and Thomas RM (1996), **Contrast agent gas bodies enhance haemolysis induced by lithotripter shock waves and high intensity focused ultrasound in whole blood**, *Ultrasound Med Biol*, 22, 1089–95.  
[gov.uk/government/uploads/system/uploads/attachment\\_data/file/335014/RCE-14\\_for\\_web\\_with\\_security.pdf](http://gov.uk/government/uploads/system/uploads/attachment_data/file/335014/RCE-14_for_web_with_security.pdf)
- <sup>546</sup> Katarzyna Milowska, et al., **Reactive oxygen species and DNA damage after ultrasound exposure**, *Biomolecular Engineering*, Jun 2007, Vol 24(2): 263–267,  
[sciencedirect.com/science/article/pii/S1389034407000226](http://sciencedirect.com/science/article/pii/S1389034407000226)
- <sup>547</sup> **Ultrasound from Conception to 10+0 Weeks of Gestation**, *Royal College of Obstetricians & Gynecologists*, Scientific Impact Paper No. 49, Mar 2015.  
[rcog.org.uk/globalassets/documents/guidelines/scientific-impact-papers/sip-49.pdf](http://rcog.org.uk/globalassets/documents/guidelines/scientific-impact-papers/sip-49.pdf)
- <sup>548</sup> H. Shankar, et al., **Potential Adverse Ultrasound-related Biological Effects: A Critical Review**, *Anesthesiology*, November 2011, Vol 115: 1109–1124,  
[anesthesiology.pubs.asahq.org/Article.aspx?articleid=1934478](http://anesthesiology.pubs.asahq.org/Article.aspx?articleid=1934478) citing P. Riesz, et al, **Free radical formation induced by ultrasound and its biological implications**, *Free Radic Biol Med*, 1992, Vol 13: 247–70.
- <sup>549</sup> West, Jim, **50 Human Studies, in Utero, Conducted in Modern China, Indicate Extreme Risk for Prenatal Ultrasound: A New Bibliography**, 2015-04-30. (Kindle Location 368). harvoa. Kindle Edition.
- <sup>550</sup> MT Stanton et al., **Diagnostic Ultrasound Induces Change within Numbers of Cryptal Mitotic and Apoptotic Cells in Small Intestine**, *Life Sciences*, Feb. 16, 2001, 68(13): 1471–75. [ncbi.nlm.nih.gov/pubmed/11253163](http://ncbi.nlm.nih.gov/pubmed/11253163)
- <sup>551</sup> Chris Kresser, **Natural childbirth IIb: ultrasound not as safe as commonly thought**, *Health for the 21<sup>st</sup> Century*, [chriskresser.com/natural-childbirth-iib-ultrasound-not-as-safe-as-commonly-thought](http://chriskresser.com/natural-childbirth-iib-ultrasound-not-as-safe-as-commonly-thought)
- <sup>552</sup> Nikolay Mechin, **Cedar Resin: Nature’s Miracle**, *Ecominded.net*, Mar 1, 2016.  
[ecominded.net/articles/cedar-resin-nature-s-miracle.html](http://ecominded.net/articles/cedar-resin-nature-s-miracle.html)
- <sup>553</sup> Earl H. Newcomer, et al., **Chromosomal and Nuclear Aberrations Induced by Ultrasonic Vibrations**, *American Journal of Botany*, Feb 1949, Vol 36(2): 230-236.  
[jstor.org/stable/2437793](http://jstor.org/stable/2437793)
- <sup>554</sup> Interview with Dr. Piotr Gariaev, as posted on the YouTube channel Wavegenetics.org, **Diagnostic US Harms DNA. Dr. Peter Garyaev**, Sep 13, 2013. [youtu.be/G45hsWanB-A](http://youtu.be/G45hsWanB-A)

- 
- <sup>555</sup> Dr. Peter Gariaev, as posted at A.K. Loskotová, **Ultrazvuk poškozuje DNA, odhaluje studie / Doporučuji**, Karolinaloskotova.blog.cz, Nov 13, 2018 as translated from Czech at google.translate.com.  
[karolinaloskotova.blog.cz/1811/ultrazvuk-poskozuje-dna-odhaluje-studie-doporucoji](http://karolinaloskotova.blog.cz/1811/ultrazvuk-poskozuje-dna-odhaluje-studie-doporucoji)
- <sup>556</sup> Radiation-Induced Cancer, [en.wikipedia.org/wiki/Radiation-induced\\_cancer](http://en.wikipedia.org/wiki/Radiation-induced_cancer)
- <sup>557</sup> **Sonication**, [en.wikipedia.org/wiki/Sonication](http://en.wikipedia.org/wiki/Sonication)
- <sup>558</sup> I.J.C. Macintosh, M.Sc., et al, **Relationship between intensity of ultrasound and induction of chromosome aberrations**, *British Journal of Radiology*, 1972, Vol 45: 320-327.
- <sup>559</sup> V. Garaj-Vrhova and N. Kopjar, **Cytogenetic monitoring of cardiology unit hospital workers exposed to doppler ultrasound**, *Journal of Applied Toxicology*, Aug 2010, Vol 20(4): 259-264. [tinyurl.com/44en9cmd](http://tinyurl.com/44en9cmd)
- <sup>560</sup> John Thacker, **The Possibility of Genetic Hazard from Ultrasonic Radiation**, *Current Topics in Radiation Research Quarterly*, 8, 1973: 235-258.
- <sup>561</sup> ibid
- <sup>562</sup> Jim West, **Ultrasound Causation for Microcephaly and Zika Virus, The Hypothesis (Part A)**, harvoa, Kindle Edition, Location 911 citing Z Hocevar, MD, et al., **Gene Expression Profiling of Rat Fetuses Exposed to 2-Dimensional Ultrasound**, *J Ultrasound Med*, 2012, Vol 31: 923-932.
- <sup>563</sup> S.M. Morris, et al., **Effect of ultrasound on human leucocytes sister chromatid exchange analysis**, *Ultrasound in Medicine & Biology*, 1978, Vol 4(3): 253-258.  
[sciencedirect.com/science/article/pii/0301562978900558](http://sciencedirect.com/science/article/pii/0301562978900558)
- <sup>564</sup> Kelly Brogan, MD, **Perils of Peeking into the Womb: Ultrasound Risks**, 2016.  
[kellybroganmd.com/utrasound-risks-perils-of-peeking-into-the-womb/](http://kellybroganmd.com/utrasound-risks-perils-of-peeking-into-the-womb/)
- <sup>565</sup> **Reminder: In 1976 Classified Memo, U.S. govt said 1-15 microW/cm2 a potential health hazard and unacceptable: FCC Exposure limits are 1000 microW/cm2**, Oct 28, 2017. [smartmeterharm.org/2017/10/28/reminder-in-1976-classified-memo-u-s-govt-said-1-15-microwcm2-a-potential-health-hazard-and-unacceptable-fcc-exposure-limits-are-1000-microwcm2/](http://smartmeterharm.org/2017/10/28/reminder-in-1976-classified-memo-u-s-govt-said-1-15-microwcm2-a-potential-health-hazard-and-unacceptable-fcc-exposure-limits-are-1000-microwcm2/)
- <sup>566</sup> I.J.C. Macintosh, **Chromosome Aberrations Induced by an Ultrasonic Fetal Pulse Detector**, *Br Med J*, October 10, 1970, Vol 4(5727): 92-93.  
[ncbi.nlm.nih.gov/pmc/articles/PMC1819616/](http://ncbi.nlm.nih.gov/pmc/articles/PMC1819616/)
- <sup>567</sup> Dr. Joseph Woo, **History of Ultrasound in Obstetrics and Gynecology**, Alfred Lee Loomis, 1998-2002, [ob-ultrasound.net/loomis.html](http://ob-ultrasound.net/loomis.html)
- <sup>568</sup> R.W. Wood and A.L. Loomis, **The Physical and Biological Effects of High-frequency Sound-waves of Great Intensity**, *Phil Mag*, Sep 1927.

- 
- <sup>569</sup> A.F. Tarantal, et al., **Evaluation of the Bioeffects of Prenatal Ultrasound Exposure in the Cynomolgus Macaque (*Macaca fascicularis*): III. Developmental and Hematologic Studies**, 1993, *Teratology*, Vol 47: 159-170.
- <sup>570</sup> L.A. Crum, et al., **Free Radical Production in Amniotic Fluid and Blood Plasma by Medical Ultrasound**, *J Ultrasound Med*, 1987, Vol 6: 643-647.
- <sup>571</sup> W.L. Nyborg and M.C. Ziskin, **Biological Effects of Ultrasound**, Churchill, Livingstone; New York, 1985.
- <sup>572</sup> Zhang Zhiyou, et al, **Study on the Effect of Newborn Erythrocyte Immune Function Exposed to Diagnostic Ultrasonic Irradiation in Pregnant Women**, Journal of Taishan Medical College, 1994-02, [en.cnki.com.cn/Article\\_en/CJFDTOTAL-TSYX402.004.htm](http://en.cnki.com.cn/Article_en/CJFDTOTAL-TSYX402.004.htm)
- <sup>573</sup> **The history of baby ultrasound scanning**, Nov 12, 2012. [babyscanclinic.com/blog/the-history-of-baby-ultrasound-scanning/](http://babyscanclinic.com/blog/the-history-of-baby-ultrasound-scanning/)
- <sup>574</sup> Dr. Carol Phillips, **Ultrasound Research**, Nov 28, 2012. [youtu.be/-8szqgtX\\_GQ](https://youtu.be/-8szqgtX_GQ) showing video footage from **Fetal Effects of Ultrasound: A Growing Controversy**, aired on Cable News Network in 1993 after the research findings were reported in the Journal of Nurse Midwifery.
- <sup>575</sup> The Los Angeles Times, **Pregnant women warned against hot tubs, spas**, Aug 19, 1992. [baltimoresun.com/news/bs-xpm-1992-08-19-1992232151-story.html](http://baltimoresun.com/news/bs-xpm-1992-08-19-1992232151-story.html)
- <sup>576</sup> Shauna Ann Walker, **The Dangers of Ultrasounds: Is Your Doctor Lying When They Say There is No Risk?**, Yahoo! Contributor Network, January 30, 2007.
- <sup>577</sup> **Guidelines for the Safe Use of Ultrasound: Part I - Medical and Paramedical Applications (excerpt from Safety Code 23, 1989)**, Government of Canada, [canada.ca/en/health-canada/services/environmental-workplace-health/reports-publications/radiation/guidelines-safe-use-ultrasound-part-medical-paramedical-applications-excerpt-safety-code-23-1989-health-canada.html](http://canada.ca/en/health-canada/services/environmental-workplace-health/reports-publications/radiation/guidelines-safe-use-ultrasound-part-medical-paramedical-applications-excerpt-safety-code-23-1989-health-canada.html) citing NCRP Report No. 74 (1983), "Biological Effects of Ultrasound: Mechanisms and Clinical Implications", National Council on Radiation Protection and Measurements, 7910 Woodmont Avenue, Bethesda, MD, 20814, issued December 30, and P.P. Lele, **Safety and Potential Hazards in the Current Applications of Ultrasound in Obstetrics and Gynecology**, 1979, *Ultrasound in Med. and Biol.*, Vol. 5:307-320, and D.C. Reid, **Possible Contraindications and Precautions Associated with Ultrasound Therapy**, In: A. Mortimer, N. Lee (eds.), Proceedings of International Symposium on Therapeutic Ultrasound, 1981, Canadian Physiotherapy Association, Winnipeg, and E.M. Oakley, **Dangers and Contraindications of Therapeutic Ultrasound**, 1978, *Physiotherapy*, Vol. 64:174.
- <sup>578</sup> Caroline Rodgers, **"Questions about Prenatal Ultrasound and the Alarming Increase in Autism,"** Midwifery Today, Issue 80, Winter 2006, [midwiferytoday.com/articles/ultrasoundrogers.asp](http://midwiferytoday.com/articles/ultrasoundrogers.asp)
- <sup>579</sup> R.A. Wanner, et al., **Comparison of the effects of radiation and hyperthermia on prenatal retardation of brain growth of guinea-pigs**, *British Journal of Radiology*, January 1983, Vol. 56:33-39.

- 
- <sup>580</sup> Caroline Rodgers, **Questions about Prenatal Ultrasound and the Alarming Increase in Autism**, *Midwifery Today*, Issue 80, Winter 2006, [midwiferytoday.com/articles/ultrasoundrogers.asp](http://midwiferytoday.com/articles/ultrasoundrogers.asp)
- <sup>581</sup> JS Abramowicz, et al., **Obstetrical Ultrasound: Can the Fetus Hear the Wave and Feel the Heat?**, *Ultraschall Med.*, June 2012, Vol 33(3): 215-7. [ncbi.nlm.nih.gov/pubmed/22700164](http://ncbi.nlm.nih.gov/pubmed/22700164)
- <sup>582</sup> Caroline Rodgers, **Questions about Prenatal Ultrasound and the Alarming Increase in Autism**, *Midwifery Today*, Issue 80, Winter 2006, [midwiferytoday.com/articles/ultrasoundrogers.asp](http://midwiferytoday.com/articles/ultrasoundrogers.asp)
- <sup>583</sup> Caroline Rodgers, **Questions about Prenatal Ultrasound and the Alarming Increase in Autism**, *Midwifery Today*, Issue 80, Winter 2006, [midwiferytoday.com/articles/ultrasoundrogers.asp](http://midwiferytoday.com/articles/ultrasoundrogers.asp) citing A. Milunsky, et al. 1992. **Maternal heat exposure and neural tube defects**, *JAMA* Vol 268(7): 882–85.
- <sup>584</sup> Amy Worthington, Wi-Cancer.info, [wi-cancer.info/new\\_home.aspx](http://wi-cancer.info/new_home.aspx) citing the April 2004 newsletter of the Associated BioElectromagnetics Technologists, and Worthington, **Generation X'd Out: An End to the Human Race as We've Known It?** *Idaho Observer*, Jan/Feb 2009 and Stewart, et al., **Survey of Childhood Malignancies**, *British Medical Journal*, 1958, p 1495, and A. Stewart et al., **Radiation Dose Effects in Relation to Obstetrics, X Ray and Childhood Cancer**, *Lancet* 1 (1970): 1185-1187, and B. MacMahon, **Prenatal X-ray Exposure and Childhood Cancer**, *Journal of the National Cancer Institute*, 1962, Vol 28: 1173, and I. Belyaev, **Risk Assessment of Chronic Exposures To Non-Thermal Microwaves from Mobile Communication**, Slovak Academy of Sciences, 05-13-2014 and **Fetal Exposure to Radiation Increases Risk of Testicular Cancer**, University of Texas, MD. Anderson Cancer Center, 02-13-2012.
- <sup>585</sup> Dr. Carol Phillips, **Ultrasound Research**, Nov 28, 2012. [youtu.be/-8szqgtX\\_GQ](http://youtu.be/-8szqgtX_GQ) showing video footage from **Fetal Effects of Ultrasound: A Growing Controversy**, aired on Cable News Network in 1993 after the research findings were reported in the *Journal of Nurse Midwifery*.
- <sup>586</sup> Earl H. Newcomer, et al., **Chromosomal and Nuclear Aberrations Induced by Ultrasonic Vibrations**, *American Journal of Botany*, Feb 1949, Vol 36(2): 230-236, [jstor.org/stable/2437793](http://jstor.org/stable/2437793), citing C.H. Allen, et al., **Some biological effects of intense high frequency airborne sound**, *Jour Acoustic Soc Amer*, 1948, Vol 20: 62-65.
- <sup>587</sup> H. Shankar, et al., **Potential Adverse Ultrasound-related Biological Effects: A Critical Review**, *Anesthesiology*, Nov 2011, Vol 115: 1109-1124, [anesthesiology.pubs.asahq.org/Article.aspx?articleid=1934478](http://anesthesiology.pubs.asahq.org/Article.aspx?articleid=1934478) citing C. Doody, et al, **In vitro heating of human fetal vertebra by pulsed diagnostic ultrasound**, *Ultrasound Med Biol*, 1999, Vol25: 1289–1294, and J.L. Drewniak, et al., **In vitro ultrasonic heating of fetal bone**, *J Acoust Soc Am*, 1989, Vol 86: 1254–1258, and E.L. Carstensen, et al., **Ultrasonic heating of the skull**, *J Acoust Soc Am*, 1990, Vol 87: 1310–1317.

- 
- <sup>588</sup> Zhi-Hong Zheng, MD, et al, Letter to the Editor - Neurosurgical Forum, **Trigeminal neuralgia**, *J Neurosurg*, 2015, Vol 123: 289–296.  
[thejns.org/doi/pdf/10.3171/2014.11.JNS142219](http://thejns.org/doi/pdf/10.3171/2014.11.JNS142219)
- <sup>589</sup> M.C. Ziskin, **Millimeter Waves: Acoustic and Electromagnetic**, *Bioelectromagnetics*, Jan 2013, Vol 34(1): 3-14. [ncbi.nlm.nih.gov/pmc/articles/PMC3522782/](http://ncbi.nlm.nih.gov/pmc/articles/PMC3522782/)
- <sup>590</sup> Katherine Poehlmann, PhD and Karl Poehlmann, **Ultrasound: Weighing the Propaganda Against the Truth**, [ra-infection-connection.com/Ultrasound\\_Unsound.htm](http://ra-infection-connection.com/Ultrasound_Unsound.htm)
- <sup>591</sup> R.W. Wood and A.L. Loomis, **The Physical and Biological Effects of High-frequency Sound-waves of Great Intensity**, *Phil Mag*, Sep 1927.
- <sup>592</sup> **Guidelines for the Safe Use of Ultrasound: Part II - Industrial & Commercial Applications - Safety Code 24**, Under Environmental and Workplace Health/Radiation, PDF Version, 1991. [canada.ca/en/health-canada/services/environmental-workplace-health/reports-publications/radiation/guidelines-safe-use-ultrasound-part-industrial-commercial-applications-safety-code-24.html#a2.2](http://canada.ca/en/health-canada/services/environmental-workplace-health/reports-publications/radiation/guidelines-safe-use-ultrasound-part-industrial-commercial-applications-safety-code-24.html#a2.2) citing C.H. Allen, et al., **Some Biological Effects of Intense High Frequency Airborne Sound**, *J. Acoust. Soc. Am.*, 1948, Vol 20: 62-65.
- <sup>593</sup> Earl H. Newcomer, et al., **Chromosomal and Nuclear Aberrations Induced by Ultrasonic Vibrations**, *American Journal of Botany*, Feb 1949, Vol 36(2), pp 230-236, [jstor.org/stable/2437793](http://jstor.org/stable/2437793) citing C.H. Allen, et al., **Some biological effects of intense high frequency airborne sound**, *Jour Acoustic Soc Amer*, 1948, Vol 20: 62-65.
- <sup>594</sup> Munawwar Husain et al, **High Frequency Ultrasound Torturer**, *Journal of the Indian Medical Association*, Dec 2009. 107(12): 884, 886, 891-2.
- <sup>595</sup> T.A. Bigelow, et al., **Hemorrhage near fetal rat bone exposed to pulsed ultrasound**, *Ultrasound Med Biol*, 2007, Vol 33: 311–317.
- <sup>596</sup> MJ Edwards, et al., **Effects of heat on embryos and fetuses**, *Int J Hyperthermia*, May-Jun 2003, Vol 19(3): 295-324.
- <sup>597</sup> **Zika Virus**, [zika-virus.com/microcephaly.html](http://zika-virus.com/microcephaly.html)
- <sup>598</sup> R.A. Wanner, et al., **Comparison of the effects of radiation and hyperthermia on prenatal retardation of brain growth of guinea-pigs**, *British Journal of Radiology*, January 1983, Vol. 56:33-39.
- <sup>599</sup> T.R. Goodman, MD, **Ionizing Radiation Effects and Their Risk to Humans**, [imagewisely.org/Imaging-Modalities/Computed-Tomography/Imaging-Physicians/Articles/Ionizing-Radiation-Effects-and-Their-Risk-to-Humans](http://imagewisely.org/Imaging-Modalities/Computed-Tomography/Imaging-Physicians/Articles/Ionizing-Radiation-Effects-and-Their-Risk-to-Humans)
- <sup>600</sup> S.B. Barnett, **Can diagnostic ultrasound heat tissue and cause biological effects?**, In S.B. Barnett and G. Kossoff, eds. *Safety of Diagnostic Ultrasound*. Canforth, UK: Parthenon Publishing, 1998.



- 
- <sup>601</sup> H. Shankar, et al., **Potential Adverse Ultrasound-related Biological Effects: A Critical Review**, *Anesthesiology*, Nov 2011, Vol 115: 1109-1124.  
[anesthesiology.pubs.asahq.org/Article.aspx?articleid=1934478](http://anesthesiology.pubs.asahq.org/Article.aspx?articleid=1934478)
- <sup>602</sup> A.F. Tarantal, et al., **Evaluation of the Bioeffects of Prenatal Ultrasound Exposure in the Cynomolgus Macaque (Macaca fascicularis): III. Developmental and Hematologic Studies**, 1993, *Teratology*, Vol 47: 159-170.
- <sup>603</sup> New York Chiropractic College, Chapter 4: Physiological Therapeutics: **Therapeutic Ultrasound: Physiological Effects of Ultrasound**, Oct 8, 2003.  
[nycc.edu/webdocs/ic/IQA/IQAFiles/Protocols/Chapter4/TherapeuticUltrasound4\\_3.pdf](http://nycc.edu/webdocs/ic/IQA/IQAFiles/Protocols/Chapter4/TherapeuticUltrasound4_3.pdf)
- <sup>604</sup> Elaine Stillerman, LMT, **Keeping Cool Through Pregnancy**, *Massage Today* Aug 2007, Vol 7(8), [massagetoday.com/mpacms/mt/article.php?id=13670](http://massagetoday.com/mpacms/mt/article.php?id=13670) citing Barnett SB. **Can diagnostic ultrasound heat tissue and cause biological effects?**, In S.B. Barrett and G. Kossoff, eds. *Safety of Diagnostic Ultrasound*. Canforth, UK: Parthenon Publishing, 1998.
- <sup>605</sup> New York Chiropractic College, Chapter 4: Physiological Therapeutics: **Therapeutic Ultrasound: Physiological Effects of Ultrasound**, Oct 8, 2003.  
[nycc.edu/webdocs/ic/IQA/IQAFiles/Protocols/Chapter4/TherapeuticUltrasound4\\_3.pdf](http://nycc.edu/webdocs/ic/IQA/IQAFiles/Protocols/Chapter4/TherapeuticUltrasound4_3.pdf)
- <sup>606</sup> H. Shankar, et al., **Potential Adverse Ultrasound-related Biological Effects: A Critical Review**, *Anesthesiology*, Nov 2011, Vol 115: 1109-1124.  
[anesthesiology.pubs.asahq.org/Article.aspx?articleid=1934478](http://anesthesiology.pubs.asahq.org/Article.aspx?articleid=1934478)
- <sup>607</sup> Ted Nace, **Conflicts of Interest: Understanding the Safety Issues Around Prenatal 3D Ultrasound**, Jun 2, 2005. [askquestions.org/articles/ultrasound/](http://askquestions.org/articles/ultrasound/)
- <sup>608</sup> Elaine Stillerman, LMT, **Keeping Cool Through Pregnancy**, *Massage Today* Aug 2007, Vol 7(8), [massagetoday.com/mpacms/mt/article.php?id=13670](http://massagetoday.com/mpacms/mt/article.php?id=13670) citing Barnett SB. **Can diagnostic ultrasound heat tissue and cause biological effects?**, In S.B. Barrett and G. Kossoff, eds. *Safety of Diagnostic Ultrasound*. Canforth, UK: Parthenon Publishing, 1998.
- <sup>609</sup> Shauna Ann Walker, **The Dangers of Ultrasounds: Is Your Doctor Lying When They Say There is No Risk?**, Yahoo! Contributor Network, Jan 30, 2007.
- <sup>610</sup> **Ultrasound dangers to the developing fetus. Part I**, EMF Facts Consultancy, Aug 6, 2009, citing a study done by Dr. Stan Barnett, Section Manager of the CSIRO's National Measurement Laboratory's Division of Radiophysics, and author of the 1994 report "*Status of research on biological effects and safety of electromagnetic radiation: telecommunications frequencies.*" [emfacts.com/2006/08/534-ultrasound-dangers-to-the-developing-fetus/](http://emfacts.com/2006/08/534-ultrasound-dangers-to-the-developing-fetus/)
- <sup>611</sup> J.S. Abramowicz, et al., **Fetal Thermal Effects of Diagnostic Ultrasound**, *Journal of Ultrasound in Medicine*, Apr 2008, Vol 27(4): 541-559.  
[onlinelibrary.wiley.com/doi/full/10.7863/jum.2008.27.4.541](http://onlinelibrary.wiley.com/doi/full/10.7863/jum.2008.27.4.541)

---

<sup>612</sup> Robert C. Kane, **Cellular Telephone Russian Roulette**, 2001, Vantage Press, New York, [microondes.files.wordpress.com/2010/03/robert\\_c\\_kane\\_cellular\\_telephone\\_russian\\_roulette.pdf](https://microondes.files.wordpress.com/2010/03/robert_c_kane_cellular_telephone_russian_roulette.pdf)

<sup>613</sup> **Ultrasound Autism Connection?**, [ultrasound-autism.org/](https://ultrasound-autism.org/)

<sup>614</sup> S.B. Barnett, et al., **The sensitivity of biological tissue to ultrasound**, 1997, *Ultrasound in Medicine & Biology*, Vol 23(6):805-812. [sciencedirect.com/science/article/pii/S0301562997000276](https://sciencedirect.com/science/article/pii/S0301562997000276)

<sup>615</sup> Sarah, **Pregnancy Vlog Week 24 Adverse Effects of Doppler and Ultrasound**, Jan 2, 2017, [healthbysarah.com/pregnancy-vlog-week-24-adverse-effects-of-Doppler-and-ultrasound/](https://healthbysarah.com/pregnancy-vlog-week-24-adverse-effects-of-Doppler-and-ultrasound/) citing JR Jago, et al., **A comparison of AIUM/NEMA thermal indices with calculated temperature rises for a simple third-trimester pregnancy tissue model**. American Institute of Ultrasound in Medicine/National Electrical Manufacturers Association, *Ultrasound Med Biol.*, May 1999, Vol 25(4): 623-628. [ncbi.nlm.nih.gov/pubmed/10386738](https://ncbi.nlm.nih.gov/pubmed/10386738)

<sup>616</sup> K.L. Bosward, et al., **Heating of guinea-pig fetal brain during exposure to pulsed ultrasound**, *Ultrasound in Medicine & Biology*, 1993, Vol 19(5): 415-424. [sciencedirect.com/science/article/pii/030156299390061R](https://sciencedirect.com/science/article/pii/030156299390061R)

<sup>617</sup> David Blake, **Ultrasound: Autism, Agriculture, and a Future Tool for Treating Neurological Diseases**, The University of New Carolina at Pembroke, [uncw.edu/csurf/Explorations/documents/blakedavid.pdf](https://uncw.edu/csurf/Explorations/documents/blakedavid.pdf) citing S.B. Barnett, **Intracranial temperature elevation from diagnostic ultrasound**, *Ultrasound in Medicine & Biology*, 2001, Vol 27(7): 883-888.

<sup>618</sup> Anne Frye, copyright 1990, B.H. Holistic Midwifery as quoted at Katherine Poehlmann, PhD and Karl Poehlmann, **Ultrasound: Weighing the Propaganda Against The Truth**, [ra-infection-connection.com/Ultrasound\\_Unsound.htm](https://ra-infection-connection.com/Ultrasound_Unsound.htm)

<sup>619</sup> E. Ozhinsky, et al, **T2-based temperature monitoring in bone marrow for MR-guided focused ultrasound**, *Journal of Therapeutic Ultrasound*, 2016, Vol 4: 26. [jtuultrasound.biomedcentral.com/track/pdf/10.1186/s40349-016-0073-8?site=jtuultrasound.biomedcentral.com](https://jtuultrasound.biomedcentral.com/track/pdf/10.1186/s40349-016-0073-8?site=jtuultrasound.biomedcentral.com)

<sup>620</sup> Dr. Robert Mendelsohn, M.D., **“Dr. Robert Mendelsohn on Pregnancy and the Dangers of Ultrasound,”** From “Moments with Mendelsohn, A Presentation by Esther Thaler, Ultrasound and Pregnancy” [youtu.be/YfaUQCp6L1s](https://youtu.be/YfaUQCp6L1s)

<sup>621</sup> Devra Davis, PhD., **Cell Phones, Radiation & Your Child’s Health**, Jan 15, 2013, [healthychild.org/cell-phones-radiation-your-childs-health/](https://healthychild.org/cell-phones-radiation-your-childs-health/)

<sup>622</sup> Dr. Robert Mendelsohn, M.D., **“Dr. Robert Mendelsohn on Pregnancy and the Dangers of Ultrasound,”** From “Moments with Mendelsohn, A Presentation by Esther Thaler, Ultrasound and Pregnancy” [youtu.be/YfaUQCp6L1s](https://youtu.be/YfaUQCp6L1s)

- 
- <sup>623</sup> Gabnormal, **Transvaginal Ultrasounds Have Gone From Necessary Medical Procedure to Torture**, Sep 13, 2013.  
[girlscantresist.wordpress.com/2013/09/13/transvaginal-ultrasounds-have-gone-from-necessary-medical-procedure-to-torture/](http://girlscantresist.wordpress.com/2013/09/13/transvaginal-ultrasounds-have-gone-from-necessary-medical-procedure-to-torture/)
- <sup>624</sup> H. Shankar, et al., **Potential Adverse Ultrasound-related Biological Effects: A Critical Review**, *Anesthesiology*, Nov 2011, Vol 115: 1109-1124.  
[anesthesiology.pubs.asahq.org/Article.aspx?articleid=1934478](http://anesthesiology.pubs.asahq.org/Article.aspx?articleid=1934478)
- <sup>625</sup> V. Kasat and R. Baldawa, **Treacher Collins syndrome- a case report and review of literature**, *J Clin Exp Dent.*, 2011, Vol 3(Suppl1): e395-e395-9.  
[medicinaoral.com/odo/volumenes/v3iSuppl1/jcedv3iSuppl1p395.pdf](http://medicinaoral.com/odo/volumenes/v3iSuppl1/jcedv3iSuppl1p395.pdf)
- <sup>626</sup> Leena Goel, Santosh Kumar Bennur, and Shweta Jambhale, **Treacher-collins syndrome front**, Aug 1, 2009, [commons.wikimedia.org/wiki/File:TeacherCollinsFront.jpg](https://commons.wikimedia.org/wiki/File:TeacherCollinsFront.jpg)
- <sup>627</sup> **Treacher Collins Syndrome**,  
[medicinenet.com/treacher\\_collins\\_syndrome/article.htm#what\\_genes\\_are\\_related\\_to\\_this\\_syndrome](http://medicinenet.com/treacher_collins_syndrome/article.htm#what_genes_are_related_to_this_syndrome)
- <sup>628</sup> **What is Treacher Collins?** Children's Hospital of Philadelphia, [chop.edu/video/what-treacher-collins-syndrome](http://chop.edu/video/what-treacher-collins-syndrome)
- <sup>629</sup> **Treacher Collins Syndrome**,  
[medicinenet.com/treacher\\_collins\\_syndrome/article.htm#what\\_genes\\_are\\_related\\_to\\_this\\_syndrome](http://medicinenet.com/treacher_collins_syndrome/article.htm#what_genes_are_related_to_this_syndrome)
- <sup>630</sup> **Treacher Collins Syndrome**, [rarediseases.org/rare-diseases/treacher-collins-syndrome/](http://rarediseases.org/rare-diseases/treacher-collins-syndrome/)
- <sup>631</sup> A. Fujimori, et al., **Ionizing radiation downregulates *ASPM*, a gene responsible for microcephaly in humans**, *Biochemical and Biophysical Research Communications*, May 9, 2008 Vol 369(3): 953-957.  
[sciencedirect.com/science/article/pii/S0006291X08004154](http://sciencedirect.com/science/article/pii/S0006291X08004154)
- <sup>632</sup> Lisa Fayed, **What to Do If You Lose Your Eyelashes During Chemotherapy**, Aug 28, 2018. [verywellhealth.com/will-i-lose-my-eyelashes-during-chemotherapy-513923](http://verywellhealth.com/will-i-lose-my-eyelashes-during-chemotherapy-513923)
- <sup>633</sup> R. Sharma, et al. **Treacher Collins syndrome: a case report and review of ophthalmic features**, *Taiwan J Ophth.* 2016, Vol 6(4):206-209.  
[sciencedirect.com/science/article/pii/S2211505616300485](http://sciencedirect.com/science/article/pii/S2211505616300485)
- <sup>634</sup> P. Kerkar, MD, FFARCSI, **What is Treacher Collins Syndrome & How is it Treated?**, Mar 21, 2018. [epainassist.com/genetic-disorders/treacher-collins-syndrome](http://epainassist.com/genetic-disorders/treacher-collins-syndrome)
- <sup>635</sup> **Treacher Collins syndrome**, NIH/U.S. National Library of Medicine,  
[ghr.nlm.nih.gov/condition/treacher-collins-syndrome#genes](http://ghr.nlm.nih.gov/condition/treacher-collins-syndrome#genes)

- 
- <sup>636</sup> **Treacher Collins syndrome**, NIH/U.S. National Library of Medicine, [ghr.nlm.nih.gov/condition/treacher-collins-syndrome#genes](http://ghr.nlm.nih.gov/condition/treacher-collins-syndrome#genes)
- <sup>637</sup> Brian C. Kellogg, MD, **Treacher Collins Syndrome**, [kidshealth.org/en/parents/tcs.html](http://kidshealth.org/en/parents/tcs.html)
- <sup>638</sup> **Treacher Collins Syndrome**, [kidshealth.org/en/parents/tcs.html](http://kidshealth.org/en/parents/tcs.html)
- <sup>639</sup> **De novo**, [en.wikipedia.org/wiki/De\\_novo](http://en.wikipedia.org/wiki/De_novo)
- <sup>640</sup> Kevin Helliker, **Study Raises New Questions About Fetal Ultrasounds; Research links ultrasounds early in pregnancy to heightened autism symptoms, but experts caution reading too much into it**, *The Wall Street Journal*, Sept 19, 2016.
- <sup>641</sup> Jennifer Margulis, **17 Scans In One Pregnancy? Why These Scientists Warn Ultrasound Could Harm Developing Brain**, Sep 3, 2015. [reset.me/story/17-scans-in-one-pregnancy-why-these-scientists-warn-ultrasound-could-harm-developing-brain/](http://reset.me/story/17-scans-in-one-pregnancy-why-these-scientists-warn-ultrasound-could-harm-developing-brain/)
- <sup>642</sup> Kevin Helliker, **Study Raises New Questions About Fetal Ultrasounds; Research links ultrasounds early in pregnancy to heightened autism symptoms, but experts caution reading too much into it**, *The Wall Street Journal* (Online), New York, NY, Sep 19, 2016.
- <sup>643</sup> **“So How Many Ultrasounds are Normal During Pregnancy?”** Responses posted on May 16 2012. [community.babycenter.com/post/a33400168/so\\_how\\_many\\_ultrasounds\\_are\\_normal\\_during\\_pregnancy](http://community.babycenter.com/post/a33400168/so_how_many_ultrasounds_are_normal_during_pregnancy)
- <sup>644</sup> *ibid*
- <sup>645</sup> *ibid*
- <sup>646</sup> *ibid*
- <sup>647</sup> Caroline Rodgers, **Questions about Prenatal Ultrasound and the Alarming Increase in Autism**, *Midwifery Today*, Issue 80, Winter 2006, [midwiferytoday.com/articles/ultrasoundrogers.asp](http://midwiferytoday.com/articles/ultrasoundrogers.asp)
- <sup>648</sup> E.N. Harvey, **The Effect of High Frequency Sound Waves on Heart Muscle and other Irritable Tissues**, *Amer Jour Physiol*, 1929, Vol 91: 284-290.
- <sup>649</sup> M.R. Sikov, at al., **Effects of prenatal exposure to ultrasound**, in *Advances in the Study of Birth Defects: Teratological Testing*, T.V.N. Persaud (ed), University Park Press, Baltimore, Maryland, 1979: 267-291.
- <sup>650</sup> *ibid*
- <sup>651</sup> **Congenital Heart Defects: Causes, Symptoms, Treatment, and Prevention**, American Pregnancy Association, Feb 2018. [americanpregnancy.org/birth-defects/congenital-heart-defects/](http://americanpregnancy.org/birth-defects/congenital-heart-defects/)
- <sup>652</sup> C.B. Benson and P.M. Doubilet, **The History of Imaging in Obstetrics**, *Radiology*, Oct 23, 2014, Vol 27(2S). [pubs.rsna.org/doi/full/10.1148/radiol.14140238](http://pubs.rsna.org/doi/full/10.1148/radiol.14140238)

- 
- <sup>653</sup> D. van der Linde, et al, **Birth Prevalence of Congenital Heart Disease Worldwide: A Systematic Review and Meta-Analysis**, *Journal of American College of Cardiology*, Nov 15, 2011, Vol 58(21): 2241-2247. [sciencedirect.com/science/article/pii/S0735109711030798](https://www.sciencedirect.com/science/article/pii/S0735109711030798)
- <sup>654</sup> Ted Nace, **Conflicts of Interest: Understanding the Safety Issues Around Prenatal 3D Ultrasound**, Jun 2, 2005. [vaclib.org/basic/ultrasound.htm](http://vaclib.org/basic/ultrasound.htm)
- <sup>655</sup> Ted Nace, **Conflicts of Interest: Understanding the Safety Issues Around Prenatal 3D Ultrasound**, Jun 2, 2005, [www.askquestions.org/articles/ultrasound/](http://www.askquestions.org/articles/ultrasound/) citing ECMUS Safety Committee, “*Diagnostic Ultrasound Exposure*,” EFSMB Newsletter, Jan. 2003.
- <sup>656</sup> Brian Bienkowski, **Increasing temperatures from climate change may harm babies' hearts**, *Environmental Health News*, Jan 30, 2019. [ehn.org/climate-change-congenital-heart-defect-2627499023.html](http://ehn.org/climate-change-congenital-heart-defect-2627499023.html) citing W. Zhang, et al, **Projected Changes in Maternal Heat Exposure During Early Pregnancy and the Associated Congenital Heart Defect Burden in the United States**, *Journal of the American Heart Association* Jan 2019, Vol 8(3), [ahajournals.org/doi/10.1161/JAHA.118.010995](http://ahajournals.org/doi/10.1161/JAHA.118.010995)
- <sup>657</sup> **Which is a bigger methane source: cow belching or cow flatulence?** [climate.nasa.gov/faq/33/which-is-a-bigger-methane-source-cow-belching-or-cow-flatulence/](http://climate.nasa.gov/faq/33/which-is-a-bigger-methane-source-cow-belching-or-cow-flatulence/)
- <sup>658</sup> **The 97% consensus on global warming**, 2007. [skepticalscience.com/global-warming-scientific-consensus.htm](http://skepticalscience.com/global-warming-scientific-consensus.htm)
- <sup>659</sup> Gary Maher, **31,000 Scientists Declare Al Gore a LIAR: ‘Climate Change a Complete Hoax and Scam’**, Nov 16, 2017. [usapoliticstoday.org/scientists-al-gore-liar-climate-change/](http://usapoliticstoday.org/scientists-al-gore-liar-climate-change/)
- <sup>660</sup> Bryan Fischer, **90 Scientists: Global Warming Is a Total Hoax**, *American Family Radio*, Jul 9, 2019. [afa.net/the-stand/culture/2019/07/90-scientists-global-warming-is-a-total-hoax/](http://afa.net/the-stand/culture/2019/07/90-scientists-global-warming-is-a-total-hoax/)
- <sup>661</sup> Robert Jonathan, **NASA Scientist: Global Warming Is Nonsense**, May 1, 2014. [inquisitr.com/1234575/nasa-scientist-global-warming-is-nonsense/](http://inquisitr.com/1234575/nasa-scientist-global-warming-is-nonsense/)
- <sup>662</sup> Mike Adams, **Humanity now “catastrophically stupid” as we enter the 2020s on a global SUICIDE mission that will only end in collapse**, Jan 7, 2002. [newstarget.com/2020-01-07-humanity-now-catastrophically-stupid-as-we-enter-the-2020s-global-suicide-mission.html](http://newstarget.com/2020-01-07-humanity-now-catastrophically-stupid-as-we-enter-the-2020s-global-suicide-mission.html)
- <sup>663</sup> **Glacier Park in Montana Set to Remove ‘Glaciers Will All Be Gone By 2020’ Signs**, Jan 9, 2020. [needtoknow.news/2020/01/glacier-park-in-montana-set-to-remove-glaciers-will-all-be-gone-by-2020-signs/](http://needtoknow.news/2020/01/glacier-park-in-montana-set-to-remove-glaciers-will-all-be-gone-by-2020-signs/)
- <sup>664</sup> GMI Reporter, **Is Wi-Fi in Schools Harming Our Children? The Testimony of Rodney Palmer**, Oct 4, 2018. [greenmedinfo.com/blog/can-wi-fi-schools-cause-sudden-cardiac-arrest-testimony-rodney-palmer](http://greenmedinfo.com/blog/can-wi-fi-schools-cause-sudden-cardiac-arrest-testimony-rodney-palmer)

---

<sup>665</sup> J. Howard, **Heart failure deaths on the rise in younger US adults, researchers say**, CNN, May 7, 2019. [cnn.com/2019/05/06/health/heart-failure-deaths-young-adults-study/index.html](https://www.cnn.com/2019/05/06/health/heart-failure-deaths-young-adults-study/index.html)

<sup>666</sup> Sarah DeWeerd, **This is how climate change takes a toll on the heart**, Mar 19, 2019. [anthropocenemagazine.org/2019/03/climate-change-takes-toll-on-heart/](https://anthropocenemagazine.org/2019/03/climate-change-takes-toll-on-heart/) citing Chen K. et al., **Temporal variations in the triggering of myocardial infarction by air temperature in Augsburg, Germany, 1987–2014**, *European Heart Journal*, Mar 11, 2019, Vol 116. [academic.oup.com/eurheartj/advance-article/doi/10.1093/eurheartj/ehz116/5374842](https://academic.oup.com/eurheartj/advance-article/doi/10.1093/eurheartj/ehz116/5374842)

<sup>667</sup> **Welcome to Global Climate Change and Microwaves**, [globalmicrowave.org](https://globalmicrowave.org)

<sup>668</sup> Peter Clarke, **Millimeter-wave energy to be used in a weapon**, Jun 6, 2001. [eetimes.com/document.asp?doc\\_id=1228128#](https://www.eetimes.com/document.asp?doc_id=1228128#)

<sup>669</sup> Susan X, Westchester NY, personal commentary received in a private email dated Mar 19, 2019.

<sup>670</sup> Josh Hendrickson, **Why Does Wi-Fi Use the Same Frequency as Microwaves?**, Jan 11, 2019. [howtogeek.com/401215/why-does-wi-fi-use-the-same-frequency-as-microwaves/](https://www.howtogeek.com/401215/why-does-wi-fi-use-the-same-frequency-as-microwaves/)

<sup>671</sup> Norm Alster, **Captured Agency: How the Federal Communications Commission is Dominated the Industries it Presumably Regulates**, Edmond J. Safra Center for Ethics, Harvard University, Cambridge, MA [ethics.harvard.edu/files/center-for-ethics/files/capturedagency\\_alster.pdf](https://ethics.harvard.edu/files/center-for-ethics/files/capturedagency_alster.pdf)

<sup>672</sup> **RF Safety FAQ**, [fcc.gov/engineering-technology/electromagnetic-compatibility-division/radio-frequency-safety/faq/rf-safety#Q5](https://fcc.gov/engineering-technology/electromagnetic-compatibility-division/radio-frequency-safety/faq/rf-safety#Q5)

<sup>673</sup> Susan Pockett, **Conflicts of Interest and Misleading Statements in Official Reports about the Health Consequences of Radiofrequency Radiation and Some New Measurements of Exposure Levels**, *Magnetochemistry*, 2019, 5(2): 31, [mdpi.com/2312-7481/5/2/31/htm](https://mdpi.com/2312-7481/5/2/31/htm)

<sup>674</sup> Robert C. Kane, **Cellular Telephone Russian Roulette**, 2001, Vantage Press, New York, [microondes.files.wordpress.com/2010/03/robert\\_c\\_kane\\_cellular\\_telephone\\_russian\\_roulette.pdf](https://microondes.files.wordpress.com/2010/03/robert_c_kane_cellular_telephone_russian_roulette.pdf) quoting A. Rand, **Atlas Shrugged**, New American Library, New York, NY, first published in 1957.

<sup>675</sup> Arjun Walia, **Editor in Chief of World’s Best Known Medical Journal: Half of All the Literature is False**, May 16, 2015. [collective-evolution.com/2015/05/16/editor-in-chief-of-worlds-best-known-medical-journal-half-of-all-the-literature-is-false/](https://collective-evolution.com/2015/05/16/editor-in-chief-of-worlds-best-known-medical-journal-half-of-all-the-literature-is-false/) citing Richard Horton, **Offline: What is medicine’s 5 sigma?**, April 11, 2015, Vol 385:1380, [thelancet.com/pdfs/journals/lancet/PIIS0140-6736%2815%2960696-1.pdf](https://www.thelancet.com/pdfs/journals/lancet/PIIS0140-6736%2815%2960696-1.pdf)

<sup>676</sup> Vera Sharav, **Ghost-Managed Medicine: How the Pharmaceutical Industry has Taken Over “Medical Knowledge” to Sustain the Market for its Products**, Jan 23, 2020.

---

[healthimpactnews.com/2020/ghost-managed-medicine-how-the-pharmaceutical-industry-has-taken-over-medical-knowledge-to-sustain-the-market-for-its-products/](https://healthimpactnews.com/2020/ghost-managed-medicine-how-the-pharmaceutical-industry-has-taken-over-medical-knowledge-to-sustain-the-market-for-its-products/)

<sup>677</sup> Fiona MacDonald, **This Is The Sickening Amount Pharmaceutical Companies Pay Top Journal Editors**, Apr 12, 2018, [sciencealert.com/how-much-top-journal-editors-get-paid-by-big-pharma-corrupt](https://sciencealert.com/how-much-top-journal-editors-get-paid-by-big-pharma-corrupt) citing J. J. Liu, et al., **Payments by US pharmaceutical and medical device manufacturers to US medical journal editors: retrospective observational study**, *BMJ*, Oct 2017; 359, [bmj.com/content/359/bmj.j4619](https://bmj.com/content/359/bmj.j4619)

<sup>678</sup> Brian Bienkowski, **Increasing temperatures from climate change may harm babies' hearts**, Environmental Health News, Jan 30, 2019. [ehn.org/climate-change-congenital-heart-defect-2627499023.html](https://ehn.org/climate-change-congenital-heart-defect-2627499023.html) citing W. Zhang, et al, **Projected Changes in Maternal Heat Exposure During Early Pregnancy and the Associated Congenital Heart Defect Burden in the United States**, *Journal of the American Heart Association* Jan 2019, Vol 8(3), [ahajournals.org/doi/10.1161/JAHA.118.010995](https://ahajournals.org/doi/10.1161/JAHA.118.010995)

<sup>679</sup> M.R. Sikov, et al., **Effects of prenatal exposure to ultrasound**, in *Advances in the Study of Birth Defects: Teratological Testing*, T.V.N. Persaud (ed), University Park Press, Baltimore, Maryland, 1979:267-291.

<sup>680</sup> **Fetal Heart Rate Monitoring During Labor**, The American College of Obstetricians and Gynecologists, [acog.org/-/media/For-Patients/faq015.pdf?dmc=1&ts=20171225T0022366298](https://acog.org/-/media/For-Patients/faq015.pdf?dmc=1&ts=20171225T0022366298)

<sup>681</sup> **Diagnostic Ultrasound Imaging in Pregnancy**, Report of a Consensus Development Conference Sponsored by the National Institute of Child Health and Human Development, the Office of Medical Applications of Research, the Division of Research Resources, and the Food and Drug Administration, February 6-8, 1984, National Institutes of Health, Bethesda, Maryland. U.S. Dep't of Health and Human Services, Public Health Service, National Institutes of Health, NIH Publication No. 84-667:44-48. [babel.hathitrust.org/cgi/pt?id=pur1.32754079149757;view=1up;seq=48](https://babel.hathitrust.org/cgi/pt?id=pur1.32754079149757;view=1up;seq=48) citing R. Shoji, et al., **An Experimental Study on the Effect of Low-Intensity Ultrasound on Developing Mouse Embryos**, *J Faculty Science*, 1971, Hokkaido University, Series VI, Zoology, Vol 18:51-56 and R. Shoji, et al., **Experimental Studies on the Effect of Ultrasound on Mouse Embryos**, *Teratology*, 1972, Vol 6:119, and T. Shimizu, **An Experimental Safety Study of Mice Exposed to Low Intensity Ultrasound**, 1973, Abstract No. 61, p 18, presented at the 2<sup>nd</sup> World Congress on Ultrasonics in Medicine, No, 277, The Netherlands, Amsterdam, *Excerpta Medica*, and R. Shoji, et al., **Influence of Low Intensity Ultrasonic Irradiation on Prenatal Development of Two Inbred Mouse Strains**, *Teratology*, 1975, Vol 12:227-232.

<sup>682</sup> Jeanne Ohm, DC, **Common Obstetrical Procedures and Their Link to Autism**, [PathwaystoFamilyWellness.org](https://pathwaystofamilywellness.org), Spring 2009, Issue 21, [pathwaystofamilywellness.org/Pregnancy-Birth/common-obstetrical-procedures-and-their-link-to-autism.html](https://pathwaystofamilywellness.org/Pregnancy-Birth/common-obstetrical-procedures-and-their-link-to-autism.html) citing JA Davies, et al, **Randomised controlled trial of Doppler ultrasound screening of placental perfusion during pregnancy**, *Lancet*, 1992, Vol 340(8831): 1299-303.

<sup>683</sup> Alley Apple Tree, **An Ultrasound (may have) Killed My Baby**, Dec. 17, 2014. [youtu.be/fd8yhZRqFjl](https://youtu.be/fd8yhZRqFjl)

---

<sup>684</sup> Comment from an anonymous mother calling herself “S,” at Chris Kresser, **Natural Childbirth IIb: Ultrasound Not as Safe as Commonly Thought**, Feb 21, 2019. [chriskresser.com/natural-childbirth-ii-b-ultrasound-not-as-safe-as-commonly-thought/](http://chriskresser.com/natural-childbirth-ii-b-ultrasound-not-as-safe-as-commonly-thought/)

<sup>685</sup> Beverly Lawrence Beech, **Ultrasound: Weighing the Propaganda Against the Facts**, *Midwifery Today*, Issue 51, Autumn 1999, [midwiferytoday.com/articles/ultrasound.asp](http://midwiferytoday.com/articles/ultrasound.asp) citing Saari-Kemppainen et al., **Ultrasound screening and perinatal mortality: controlled trial of systematic one-stage screening in pregnancy**, *The Lancet*, 1990, Vol 336:387–91.

<sup>686</sup> See JA Davies, et al, **Randomised controlled trial of Doppler ultrasound screening of placental perfusion during pregnancy**, *Lancet*, 1992, Volume 340(8831), pp 1299-303, and Saari-Kemppainen et al., **Ultrasound screening and perinatal mortality: controlled trial of systematic one-stage screening in pregnancy**, *The Lancet*, 1990, Vol. 336, pp 387–91, and Alley Apple Tree, **An Ultrasound (may have) Killed My Baby**, Dec. 17, 2014. [youtu.be/fd8yhZRqFjl](https://youtu.be/fd8yhZRqFjl), and **Scans linked to baby deaths**, What Doctors Don’t Tell You, Feb. 1, 1993. [wddty.com/news/1993/02/scans-linked-to-baby-deaths.html](http://wddty.com/news/1993/02/scans-linked-to-baby-deaths.html)

<sup>687</sup> Beverley Lawrence Beech, **Ultrasound: Weighing the Propaganda Against the Facts**, *Midwifery Today*, Autumn 1999, Issue 51, [midwiferytoday.com/mt-articles/ultrasound-weighing-propaganda-facts/](http://midwiferytoday.com/mt-articles/ultrasound-weighing-propaganda-facts/)

<sup>688</sup> Beverley A. Lawrence Beech, **Ultrasound – They Mythology of a Safe and Painless Technology**, AIMS.org.uk, Paper presented to the Royal Society of Medicine, October 3, 1995. [aims.org.uk/OccasionalPapers/ultrasoundTheMyth.pdf](http://aims.org.uk/OccasionalPapers/ultrasoundTheMyth.pdf)

<sup>689</sup> H. Shankar, et al., **Potential Adverse Ultrasound-related Biological Effects: A Critical Review**, *Anesthesiology*, Nov 2011, Vol 115: 1109-1124. [anesthesiology.pubs.asahq.org/Article.aspx?articleid=1934478](http://anesthesiology.pubs.asahq.org/Article.aspx?articleid=1934478) citing K. Marsál, **The output display standard: Has it missed its target?**, *Ultrasound Obstet Gynecol*, 2005, Volume 25, pp 211–214 and E. Sheiner E, et al., **What do clinical users know regarding safety of ultrasound during pregnancy?**, *J Ultrasound Med*, 2007, Volume 26, pp 319–325.

<sup>690</sup> Emily Williams and Manuel Casanova, **Reassessment of Teratogenic Risk from Antenatal Ultrasound**, *Translational Neuroscience*, 2013, Vol 4(1): 81-87. [degruyter.com/downloadpdf/j/tnsci.2013.4.issue-1/s13380-013-0112-7/s13380-013-0112-7.pdf](http://degruyter.com/downloadpdf/j/tnsci.2013.4.issue-1/s13380-013-0112-7/s13380-013-0112-7.pdf) citing E. Sheiner, et al., **What Do Clinical End Users Know Regarding Safety of Ultrasound During Pregnancy?**, *J Ultrasound Med.*, 2007, Vol 26, pp 319-325.

<sup>691</sup> **Ultrasound dangers to the developing fetus. Part I**, EMF Facts Consultancy, EMFFacts.com, Aug 6, 2009, citing a study done by Dr. Stan Barnett, Section Manager of the CSIRO’s National Measurement Laboratory’s Division of Radiophysics, and author of the 1994 report “*Status of research on biological effects and safety of electromagnetic radiation: telecommunications frequencies.*” [emfacts.com/2006/08/534-ultrasound-dangers-to-the-developing-fetus/](http://emfacts.com/2006/08/534-ultrasound-dangers-to-the-developing-fetus/)

<sup>692</sup> S.B. Barnett and G. Gossoff, **Safety of Diagnostic Ultrasound**, New York : The Parthenon Pub. Group, 1998. Also see S.B. Barnett, et al, **The sensitivity of biological tissue to ultrasound**, *Ultrasound in Medicine and Biology*, 1997, Vol 23(6): 805-812. [sciencedirect.com/science/article/pii/S0301562997000276](http://sciencedirect.com/science/article/pii/S0301562997000276)



---

<sup>693</sup> **Ultrasound dangers to the developing fetus. Part I**, EMF Facts Consultancy, EMFFacts.com, August 6, 2009, citing a study done by Dr. Stan Barnett, Section Manager of the CSIRO's National Measurement Laboratory's Division of Radiophysics, and author of the 1994 report "*Status of research on biological effects and safety of electromagnetic radiation: telecommunications frequencies.*" [emfacts.com/2006/08/534-ultrasound-dangers-to-the-developing-fetus/](http://emfacts.com/2006/08/534-ultrasound-dangers-to-the-developing-fetus/)

<sup>694</sup> Ted Nace, **Conflicts of Interest: Understanding the Safety Issues Around Prenatal 3D Ultrasound**, Jun 2, 2005. [vaclib.org/basic/ultrasound.htm](http://vaclib.org/basic/ultrasound.htm)

<sup>695</sup> Gail ter Haar, editor, **The Safe Use of Ultrasound in Medical Diagnosis**, 3rd ed. London: British Institute of Radiology, 2012, p. 1. [birpublications.org/pb/assets/raw/Books/SUoU\\_3rdEd/Safe\\_Use\\_of\\_Ultrasound.pdf](http://birpublications.org/pb/assets/raw/Books/SUoU_3rdEd/Safe_Use_of_Ultrasound.pdf)

<sup>696</sup> Caroline Rodgers, "**Questions about Prenatal Ultrasound and the Alarming Increase in Autism**," *Midwifery Today*, Issue 80, Winter 2006, [midwiferytoday.com/articles/ultrasoundrodgers.asp](http://midwiferytoday.com/articles/ultrasoundrodgers.asp) citing **International Programme on Chemical Safety, Environmental Health Criteria 22. Ultrasound**, United Nations Environment Programme, International Labour Organisation and International Radiation Protection Association, 1982, [inchem.org/documents/ehc/ehc/ehc22.htm](http://inchem.org/documents/ehc/ehc/ehc22.htm) and **Diagnostic Ultrasound Imaging in Pregnancy**, National Institutes of Health Consensus Statement Online. 5(1): 1–16, and Rados, Carol, **FDA Cautions Against Ultrasound "Keepsake" Images**, *FDA Consumer Magazine*, 2004. [fda.gov/fdac/features/2004/104\\_images.html](http://fda.gov/fdac/features/2004/104_images.html)

<sup>697</sup> **Radiation-Emitting Products: Ultrasound Imaging**, [fda.gov/Radiation-EmittingProducts/RadiationEmittingProductsandProcedures/MedicalImaging/ucm115357.htm#description](http://fda.gov/Radiation-EmittingProducts/RadiationEmittingProductsandProcedures/MedicalImaging/ucm115357.htm#description)

<sup>698</sup> **Methods for Estimating the Due Date**, Committee Opinion, May 2017. [acog.org/Clinical-Guidance-and-Publications/Committee-Opinions/Committee-on-Obstetric-Practice/Methods-for-Estimating-the-Due-Date](http://acog.org/Clinical-Guidance-and-Publications/Committee-Opinions/Committee-on-Obstetric-Practice/Methods-for-Estimating-the-Due-Date)

<sup>699</sup> K. Danielsson, **Ultrasound Accuracy for Predicting Due Dates**, Oct 3, 2018. [verywellfamily.com/are-ultrasounds-accurate-for-predicting-due-dates-2371403](http://verywellfamily.com/are-ultrasounds-accurate-for-predicting-due-dates-2371403)

<sup>700</sup> Circle of Moms – Posted initiated by Codi on Jan 9, 2009 regarding the accuracy of ultrasound dating followed by numerous responses from moms confirming chronic inaccuracies. [circleofmoms.com/welcome-circle-moms/how-accurate-are-due-dates-given-by-ultrasound-measurements-i-ve-been-told-4-different-ones-at-142649](http://circleofmoms.com/welcome-circle-moms/how-accurate-are-due-dates-given-by-ultrasound-measurements-i-ve-been-told-4-different-ones-at-142649)

<sup>701</sup> *ibid*

<sup>702</sup> *ibid*

<sup>703</sup> *ibid*

<sup>704</sup> Keith Moore, **How accurate are 'due dates'?**, Feb 3, 2015. [bbc.com/news/magazine-31046144](http://bbc.com/news/magazine-31046144)

- 
- <sup>705</sup> **Ultrasound in Pregnancy**, April 2016. [semiahmoomidwives.com/wp-content/uploads/2016/04/Ultrasound-in-Pregnancy.pdf](http://semiahmoomidwives.com/wp-content/uploads/2016/04/Ultrasound-in-Pregnancy.pdf)
- <sup>706</sup> **Radiation-Emitting Products: Ultrasound Imaging**, [fda.gov/Radiation-EmittingProducts/RadiationEmittingProductsandProcedures/MedicalImaging/ucm115357.htm#description](http://fda.gov/Radiation-EmittingProducts/RadiationEmittingProductsandProcedures/MedicalImaging/ucm115357.htm#description)
- <sup>707</sup> *ibid*
- <sup>708</sup> *ibid*
- <sup>709</sup> Dr. Robert Mendelsohn, *The People's Doctor*, Vol.7, No. 11, p 3. as quoted by Dr. John Christopher, **Every Woman's Herbal**, Christopher Publications, Springville, Utah, 2010, p 32. Also quoted at [educate-yourself.org/cn/2001/ultrasoundandbraindamage19dec01.shtml](http://educate-yourself.org/cn/2001/ultrasoundandbraindamage19dec01.shtml)
- <sup>710</sup> Emily Casanova, **The Biology of Ultrasound**, Jan 10, 2013. [sciencecoveracuppa.com/2013/01/10/the-biology-of-ultrasound/](http://sciencecoveracuppa.com/2013/01/10/the-biology-of-ultrasound/)
- <sup>711</sup> K.S. Suslick, **The Chemical Effects of Ultrasound**, School of Chemical Sciences, University of Illinois at Urbana-Champaign. [butane.chem.uiuc.edu/pshapley/Enlist/Labsheets/sonochem%20overview.20100622.pdf](http://butane.chem.uiuc.edu/pshapley/Enlist/Labsheets/sonochem%20overview.20100622.pdf)
- <sup>712</sup> **Ultrasonic Cavitation in Liquids**, [hielscher.com/ultrasonic-cavitation-in-liquids-2.htm](http://hielscher.com/ultrasonic-cavitation-in-liquids-2.htm)
- <sup>713</sup> P. Girdhar and S. Mackay, **Cavitation in High Energy Pumps – Detection and Assessment of Damage Potential**, IDC Technologies, [slideshare.net/idctechnologies/pumps-and-cavitation](http://slideshare.net/idctechnologies/pumps-and-cavitation)
- <sup>714</sup> L.A. Crum, et al., **Free Radical Production in Amniotic Fluid and Blood Plasma by Medical Ultrasound**, *J Ultrasound Med*, 1987, Vol 6:643- 647. [onlinelibrary.wiley.com/doi/pdf/10.7863/jum.1987.6.11.643](http://onlinelibrary.wiley.com/doi/pdf/10.7863/jum.1987.6.11.643)
- <sup>715</sup> Q. Xu, et al, **Measurement of cavitation thresholds for human blood**, *The Journal of the Acoustical Society of America*, 1992, Vol 91: 2432. [asa.scitation.org/doi/10.1121/1.403133](http://asa.scitation.org/doi/10.1121/1.403133)
- <sup>716</sup> **High Intensity Focused Ultrasound**, [en.wikipedia.org/wiki/High-intensity\\_focused\\_ultrasound](http://en.wikipedia.org/wiki/High-intensity_focused_ultrasound)
- <sup>717</sup> **Ultrasonic Therapy Product or Ultrasonic Diathermy**, [fda.gov/Radiation-EmittingProducts/RadiationEmittingProductsandProcedures/SurgicalandTherapeutic/ucm115937.htm](http://fda.gov/Radiation-EmittingProducts/RadiationEmittingProductsandProcedures/SurgicalandTherapeutic/ucm115937.htm)
- <sup>718</sup> New York Chiropractic College, Chapter 4: Physiological Therapeutics: **Therapeutic Ultrasound: Physiological Effects of Ultrasound**, Oct 8, 2003. [nycc.edu/webdocs/ic/IQA/IQAFiles/Protocols/Chapter4/TherapeuticUltrasound4\\_3.pdf](http://nycc.edu/webdocs/ic/IQA/IQAFiles/Protocols/Chapter4/TherapeuticUltrasound4_3.pdf)

- 
- <sup>719</sup> **Focused Ultrasound Stimulator for Aesthetic Use – LipoSonix**, approved Apr 19, 2011. [accessdata.fda.gov/cdrh\\_docs/pdf10/K100874.pdf](https://accessdata.fda.gov/cdrh_docs/pdf10/K100874.pdf)
- <sup>720</sup> **Ultraslim III**, [gbslaser.com/product/ultraslim-iii-lipo-cavitation-machine/](https://gbslaser.com/product/ultraslim-iii-lipo-cavitation-machine/)
- <sup>721</sup> Emily Casanova, **The Biology of Ultrasound**, Jan 10, 2013. [scienceoveracuppa.com/2013/01/10/the-biology-of-ultrasound/](https://scienceoveracuppa.com/2013/01/10/the-biology-of-ultrasound/)
- <sup>722</sup> Munawwar Husain et al, **High Frequency Ultrasound Torturer**, Journal of the Indian Medical Association, Dec 2009, 107(12): 884, 886, 891-2.
- <sup>723</sup> **Ultrasound**, [en.wikipedia.org/wiki/Ultrasound](https://en.wikipedia.org/wiki/Ultrasound)
- <sup>724</sup> David C. Knight, **Silent Sound**, William Morrow and Company, New York, 1980, p 68.
- <sup>725</sup> Emily Casanova, **The Biology of Ultrasound**, Jan 10, 2013. [scienceoveracuppa.com/2013/01/10/the-biology-of-ultrasound/](https://scienceoveracuppa.com/2013/01/10/the-biology-of-ultrasound/)
- <sup>726</sup> **Ultrasound Shown To Exert Remote Control Of Brain Circuits**, Nov 2, 2008. [sciencedaily.com/releases/2008/10/081029104251.htm](https://sciencedaily.com/releases/2008/10/081029104251.htm)
- <sup>727</sup> Janice Karin, **Ultrasound Helmets Control Brain Activity**, [thefutureofthings.com/4479-ultrasound-helmets-control-brain-activity/](https://thefutureofthings.com/4479-ultrasound-helmets-control-brain-activity/)
- <sup>728</sup> I.B. Bezprozvanny, **Calcium Signaling and Neurodegeneration**, *Acta Naturae*, Apr 2010, Vol 2(1): 72–82. [ncbi.nlm.nih.gov/pmc/articles/PMC3347543/](https://ncbi.nlm.nih.gov/pmc/articles/PMC3347543/)
- <sup>729</sup> P. Marambaud, **Calcium Signaling in Neurodegeneration**, *Mol Neurodegener*, 2009; Vol 4: 20. [ncbi.nlm.nih.gov/pmc/articles/PMC2689218/](https://ncbi.nlm.nih.gov/pmc/articles/PMC2689218/)
- <sup>730</sup> Tahoe Blue, **Bran Stem Manipulation, Mind Control and Disease (MS, Parkinson, Alzheimer's)**, Dec 21, 2008. [forum.prisonplanet.com/index.php?topic=76296.0](https://forum.prisonplanet.com/index.php?topic=76296.0)
- <sup>731</sup> ibid
- <sup>732</sup> D.L. Miller, **Ultrasonically induced vascular damage to the mouse intestine**, *The Journal of the Acoustical Society of America*, 1999, Vol 105: 1324. [asa.scitation.org/doi/10.1121/1.426205](https://asa.scitation.org/doi/10.1121/1.426205)
- <sup>733</sup> N. McDannold, et al., **Blood-brain barrier disruption and vascular damage induced by ultrasound bursts combined with microbubbles can be influenced by choice of anesthesia protocol**, *Ultrasound Med Biol*, Aug 2011, Vol 37(8): 1259-1270. [ncbi.nlm.nih.gov/pmc/articles/PMC3129385/](https://ncbi.nlm.nih.gov/pmc/articles/PMC3129385/)
- <sup>734</sup> Dr. Joseph Woo, **History of Ultrasound in Obstetrics and Gynecology**, Alfred Lee Loomis, 1998-2002, [www.ob-ultrasound.net/loomis.html](http://www.ob-ultrasound.net/loomis.html)
- <sup>735</sup> J.M. Wardlaw, et al., **Is Breakdown of the Blood-Brain Barrier Responsible for Lacunar Stroke, Leukoaraiosis, and Dementia?**, *Stroke*, Vol 34(3), Feb 27, 2003. [ahajournals.org/doi/abs/10.1161/01.str.0000058480.77236.b3](https://ahajournals.org/doi/abs/10.1161/01.str.0000058480.77236.b3)

- 
- <sup>736</sup> H. Shankar, et al., **Potential Adverse Ultrasound-related Biological Effects: A Critical Review**, *Anesthesiology*, Nov 2011, Vol 115: 1109-1124.  
[anesthesiology.pubs.asahq.org/article.aspx?articleid=1934478](http://anesthesiology.pubs.asahq.org/article.aspx?articleid=1934478)
- <sup>737</sup> Colin Deane, **Safety of Diagnostic Ultrasound in Fetal Scanning**,  
[sonoworld.com/Client/Fetus/html/doppler/capitulos-html/chapter\\_02.htm](http://sonoworld.com/Client/Fetus/html/doppler/capitulos-html/chapter_02.htm)
- <sup>738</sup> M. Reinhard, et al., **Blood-Brain Barrier Disruption By Low-Frequency Ultrasound**, *Stroke*, Apr 27, 2006, Vol 37: 1546–1548.  
[ahajournals.org/doi/abs/10.1161/01.STR.0000221813.27519.0b](http://ahajournals.org/doi/abs/10.1161/01.STR.0000221813.27519.0b)
- <sup>739</sup> **How to open the blood-brain-barrier with precision for safer drug delivery**, Nov 17, 2017. [kurzweilai.net/how-to-open-the-blood-brain-barrier-with-precision-for-safer-drug-delivery](http://kurzweilai.net/how-to-open-the-blood-brain-barrier-with-precision-for-safer-drug-delivery) citing T. Sun, et al., **Closed-loop control of targeted ultrasound drug delivery across the blood–brain/tumor barriers in a rat glioma model**, *Proceedings of the National Academy of Sciences*, Vol 114(48): E10281-E10290, Nov 28, 2017.  
[pnas.org/content/114/48/E10281](http://pnas.org/content/114/48/E10281)
- <sup>740</sup> H. Shankar, et al., **Potential Adverse Ultrasound-related Biological Effects: A Critical Review**, *Anesthesiology*, Nov 2011, Vol 115: 1109-1124.  
[anesthesiology.pubs.asahq.org/Article.aspx?articleid=1934478](http://anesthesiology.pubs.asahq.org/Article.aspx?articleid=1934478) citing D.L. Miller DL, et al, **Heating as a mechanism for ultrasonically-induced petechial hemorrhages in mouse intestine**, *Ultrasound Med Biol*, 1994, Vol 20: 493–503, and D. Dalecki, et al., **Intestinal hemorrhage from exposure to pulsed ultrasound**, *Ultrasound Med Biol*, 1995, Vol 21: 1067–72, and M. T. Stanton, et al., **Diagnostic ultrasound induces change within numbers of cryptal mitotic and apoptotic cells in small intestine**, *Life Sci*, 2001, Vol 68: 1471-5, and T.A. Bigelow, et al., **Hemorrhage near fetal rat bone exposed to pulsed ultrasound**, *Ultrasound Med Biol*, 2007, Vol 33: 311–7, and D. Dalecki D, et al., **Hemorrhage in murine fetuses exposed to pulsed ultrasound**, *Ultrasound Med Biol*, 1999, Vol 25: 1139–44.
- <sup>741</sup> Trisha Keenan-Wilkie, **There is a Safer Alternative to 5G Technology**, YelmOnline.com, Sep 27, 2018. [yelmonline.com/opinion/letters\\_to\\_editor/article\\_3f4591f8-c285-11e8-ac55-5bdee9bcedc6.html](http://yelmonline.com/opinion/letters_to_editor/article_3f4591f8-c285-11e8-ac55-5bdee9bcedc6.html)
- <sup>742</sup> Patrick Sullivan, **Strokes in Young People: Are the Numbers Really on the Rise?**, Feb 6, 2019. [sharecare.com/health/stroke/article/strokes-young-people-on-rise](http://sharecare.com/health/stroke/article/strokes-young-people-on-rise)
- <sup>743</sup> Cedars-Sinai, **Radiation-Induced Vasculopathy**, [cedars-sinai.edu/Patients/Health-Conditions/Radiation-Induced-Vasculopathy.aspx](http://cedars-sinai.edu/Patients/Health-Conditions/Radiation-Induced-Vasculopathy.aspx)
- <sup>744</sup> S.K. Gupta, et al, **Electromagnetic radiation 2450 MHz exposure causes cognition deficit with mitochondrial dysfunction and activation of intrinsic pathway of apoptosis in rats**, *J Biosci*, June 2018, Vol 43(2): 263–276. [ias.ac.in/article/fulltext/jbsc/043/02/0263-0276](http://ias.ac.in/article/fulltext/jbsc/043/02/0263-0276) citing R. Huber, et al., **Exposure to pulse- modulated radio frequency electromagnetic fields affects regional cerebral blood flow**, *Eur. J. Neurosci.* 2005, Vol 21: 1000–1006
- <sup>745</sup> Lloyd Burrell, **Cell Phone Headaches – New Study Reveals Cell Phone Radiation Headache Link**, Nov 14, 2017. [electricsense.com/13079/cell-phone-headaches/](http://electricsense.com/13079/cell-phone-headaches/)

- 
- <sup>746</sup> **Cell Phones And Wireless Radiation Can Lead To Headaches**, Environmental Health Trust, [ehtrust.org/cell-phones-wireless-radiation-can-lead-headaches/](http://ehtrust.org/cell-phones-wireless-radiation-can-lead-headaches/)
- <sup>747</sup> Cedars-Sinai, **Radiation-Induced Vasculopathy**, [cedars-sinai.edu/Patients/Health-Conditions/Radiation-Induced-Vasculopathy.aspx](http://cedars-sinai.edu/Patients/Health-Conditions/Radiation-Induced-Vasculopathy.aspx)
- <sup>748</sup> Jacques H. Bauer, **5G Apocolypse London**, Sep 28, 2019. [YouTube.com/watch?v=oJ43utmcm\\_c&list=UUcxfZO4\\_ekFlavUeq8hEQ&index=2](https://www.youtube.com/watch?v=oJ43utmcm_c&list=UUcxfZO4_ekFlavUeq8hEQ&index=2)
- <sup>749</sup> D.L. Miller, **Ultrasonically induced vascular damage to the mouse intestine**, *The Journal of the Acoustical Society of America*, 1999, Vol 105: 1324. [asa.scitation.org/doi/10.1121/1.426205](http://asa.scitation.org/doi/10.1121/1.426205)
- <sup>750</sup> **Ultrasound from Conception to 10+0 Weeks of Gestation**, *Royal College of Obstetricians & Gynecologists*, Scientific Impact Paper No. 49, Mar 2015, p. 5. [rcog.org.uk/globalassets/documents/guidelines/scientific-impact-papers/sip-49.pdf](http://rcog.org.uk/globalassets/documents/guidelines/scientific-impact-papers/sip-49.pdf)
- <sup>751</sup> Emily Williams and Manuel Casanova, **Reassessment of Teratogenic Risk from Antenatal Ultrasound**, *Translational Neuroscience*, 2013, Vol 4(1): 81-87. [degruyter.com/downloadpdf/jj/tns.2013.4.issue-1/s13380-013-0112-7/s13380-013-0112-7.pdf](http://degruyter.com/downloadpdf/jj/tns.2013.4.issue-1/s13380-013-0112-7/s13380-013-0112-7.pdf) referencing I.J. Macintosh I.J., et al, **Relationship between intensity of ultrasound and induction of chromosome aberrations**, *Br. J. Radiol.*, 1972, Volume 45, pp 320–327 and E.H. Newcomer et al., **Chromosomal and nuclear aberrations induced by ultrasonic vibrations**, *Am. J. Bot.*, 1949, Vol 36, pp 230–236
- <sup>752</sup> Dr. Thomas Seyfried, **The Truth About Cancer in Pets**, Video 1, 21:00 -11:50. [go2.thetruthaboutcancer.com/pets/chapter-1/](http://go2.thetruthaboutcancer.com/pets/chapter-1/)
- <sup>753</sup> L.A. Crum, et al., **Free Radical Production in Amniotic Fluid and Blood Plasma by Medical Ultrasound**, *J Ultrasound Med*, 1987, Vol 6: 643-647.
- <sup>754</sup> Robert Bases, **Commentary: The Safety of Diagnostic Ultrasound**, letter published in the *British Journal of Obstetrics and Gynaecology*, Jul 1988, p 730, [onlinelibrary.wiley.com/doi/10.1111/j.1471-0528.1988.tb06541.x/epdf](http://onlinelibrary.wiley.com/doi/10.1111/j.1471-0528.1988.tb06541.x/epdf) citing L.A. Crum, et al., **Free Radical Production in Amniotic Fluid and Blood Plasma by Medical Ultrasound**, *J Ultrasound Med*, 1987, Vol 6: 643-647.
- <sup>755</sup> Lloyd Burrell, **Electromagnetic Fields (EMFs) Explained – Easy To Understand Definitions**, [electricseinterviews101.com/electromagnetic-fields-emfs-explained-easy-to-understand-definitions/](http://electricseinterviews101.com/electromagnetic-fields-emfs-explained-easy-to-understand-definitions/)
- <sup>756</sup> **Free Radical**, [audioenglish.org/dictionary/free\\_radical.htm](http://audioenglish.org/dictionary/free_radical.htm)
- <sup>757</sup> **Free Radical**, [thefreedictionary.com/free+radical](http://thefreedictionary.com/free+radical)
- <sup>758</sup> Timothy L. Thomas, **The Mind Has No Firewall**, *Parameters*, Spring 1998: 84-92 [ssi.armywarcollege.edu/pubs/parameters/articles/98spring/thomas.htm](http://ssi.armywarcollege.edu/pubs/parameters/articles/98spring/thomas.htm)
- <sup>759</sup> David C. Knight, **Silent Sound**, William Morrow and Company, NY, 1980, pp. 19-20.

- 
- <sup>760</sup> Harlan Girard, **Bio-electromagnetic weapons can kill, torture, enslave and escape detection at the speed of light**, quote Apr 2010 *Idaho Observer*.  
[proliberty.com/observer/20100412.htm](http://proliberty.com/observer/20100412.htm)
- <sup>761</sup> Robert Duncan, A.B., S.M., M.B.A., Ph.D., **The Executive Summary: Neuropsychological and Electronic No-Touch Torture Report**, Based on “The Torture Memos” and the Senate Intelligence Committee’s Declassified “Torture Report”, April 2015.
- <sup>762</sup> Munawwar Husain et al, **High Frequency Ultrasound Torturer**, Journal of the Indian Medical Association, 107(12): 884, 886, 891-2, December 2009.
- <sup>763</sup> Wen-Yen Chai, et al., **Magnetic-Resonance Imaging for Kinetic Analysis of Permeability Changes during Focused Ultrasound-Induced Blood-brain Barrier Opening and Brain Drug Delivery**, *Journal of Controlled Release*, Oct 28, 2014, Vol 192: 1-9.  
[sciencedirect.com/science/article/pii/S0168365914004222](http://sciencedirect.com/science/article/pii/S0168365914004222)
- <sup>764</sup> Emily Casanova, **The Biology of Ultrasound**, Jan 10, 2013.  
[sciencecoveracuppa.com/2013/01/10/the-biology-of-ultrasound/](http://sciencecoveracuppa.com/2013/01/10/the-biology-of-ultrasound/)
- <sup>765</sup> Polly Block, **Polly’s Birth Book: Obstetrics For the Home**, Hearthspun Publishers, May 1996, pp. 110-114. As quoted by Daniel Duke at “**Ultrasound And The Hidden Dangers To Your Baby**” - **Ultrasound is not sound. It is non-ionizing radiation**,” Dec 24, 2010.  
[facebook.com/notes/daniel-duke/ultrasound-and-the-hidden-dangers-to-your-baby-ultrasound-is-not-sound-it-is-non-ionizing-radiation/](https://facebook.com/notes/daniel-duke/ultrasound-and-the-hidden-dangers-to-your-baby-ultrasound-is-not-sound-it-is-non-ionizing-radiation/)
- <sup>766</sup> Jim West, **Ultrasound Causation for Microcephaly and Zika Virus, The Hypothesis (Part A)**, harvoa, Kindle Edition, Locations 1102-1107.
- <sup>767</sup> Beverley A. Lawrence Beech, **Ultrasound – They Mythology of a Safe and Painless Technology**, AIMS.org.uk, Paper presented to the Royal Society of Medicine, October 3, 1995. [aims.org.uk/OccasionalPapers/ultrasoundTheMyth.pdf](http://aims.org.uk/OccasionalPapers/ultrasoundTheMyth.pdf)
- <sup>768</sup> **Chest Ultrasound**, John Hopkins Medicine,  
[hopkinsmedicine.org/healthlibrary/test\\_procedures/pulmonary/chest\\_ultrasound\\_92,P07748](http://hopkinsmedicine.org/healthlibrary/test_procedures/pulmonary/chest_ultrasound_92,P07748)
- <sup>769</sup> **Ultrasound during pregnancy**, Oct 2014.  
[marchofdimers.org/pregnancy/ultrasound-during-pregnancy.aspx](http://marchofdimers.org/pregnancy/ultrasound-during-pregnancy.aspx)
- <sup>770</sup> **Ultrasound - Also called: Sonogram**, NIH – U.S. Library of Medicine, MedlinePlus.org, page last updated Mar 3, 2017. [medlineplus.gov/ultrasound.html](http://medlineplus.gov/ultrasound.html)
- <sup>771</sup> **Ultrasound Becomes an Important Medical Tool - A Sonar “Look” at an Unborn Baby**, *Life Magazine*, Jan 15, 1975
- <sup>772</sup> **Ultrasound**, [//en.wikipedia.org/wiki/Ultrasound](http://en.wikipedia.org/wiki/Ultrasound)
- <sup>773</sup> Ethan A. Huff, **Wikipedia increasingly being recognized as source of disinformation, propaganda**, Jul 30, 2013.  
[naturalnews.com/041406\\_Wikipedia\\_propaganda\\_disinformation.html](http://naturalnews.com/041406_Wikipedia_propaganda_disinformation.html)

---

<sup>774</sup> Philip Coppens, **Wikipedia Lies: Online Disinformation & Propaganda**, Jan 20, 2008. [educate-yourself.org/cn/wikipedialies20jan08.shtml](http://educate-yourself.org/cn/wikipedialies20jan08.shtml)

<sup>775</sup> Jeff Fenske, (vid) **Zionist Editing of Wikipedia Workshop**, June 6, 2018, [tobefree.wordpress.com/2018/06/06/vid-zionist-editing-of-wikipedia-workshop/](http://tobefree.wordpress.com/2018/06/06/vid-zionist-editing-of-wikipedia-workshop/) citing **Zionist Editing of Wikipedia**, [youtu.be/gpXCII0HPe](https://youtu.be/gpXCII0HPe) and **Israel's Internet Censorship War - If Americans Knew**, [youtu.be/Vqhi16iikxk](https://youtu.be/Vqhi16iikxk)

<sup>776</sup> Beverley A. Lawrence Beech, **Ultrasound – They Mythology of a Safe and Painless Technology**, Paper presented to the Royal Society of Medicine, Oct 3, 1995. [aims.org.uk/OccasionalPapers/ultrasoundTheMyth.pdf](http://aims.org.uk/OccasionalPapers/ultrasoundTheMyth.pdf) citing J.A. Davies, et al, **Randomised controlled trial of Doppler ultrasound screening of placental perfusion during pregnancy**, *Lancet*, Nov 28, 1992, Vol 340(8831): 1299-1303. [thelancet.com/journals/lancet/article/PII0140-6736\(92\)92490-7/fulltext](http://thelancet.com/journals/lancet/article/PII0140-6736(92)92490-7/fulltext)

<sup>777</sup> J.A. Davies, et al, **Randomised controlled trial of Doppler ultrasound screening of placental perfusion during pregnancy**, *Lancet*, Nov 28, 1992, Vol 340.

<sup>778</sup> Chris Kresser, “**Natural childbirth IIb: ultrasound not as safe as commonly thought**,” Health for the 21<sup>st</sup> Century, [chriskresser.com/natural-childbirth-ii-b-ultrasound-not-as-safe-as-commonly-thought](http://chriskresser.com/natural-childbirth-ii-b-ultrasound-not-as-safe-as-commonly-thought) citing S. Evans, et al, **Characterisation of the possible effect on birthweight following frequent prenatal ultrasound examinations**, *Early Hum Dev*, Jul 19, 1996, Vol 45(3): 203-214. [ncbi.nlm.nih.gov/pubmed/8855394](http://ncbi.nlm.nih.gov/pubmed/8855394)

<sup>779</sup> H.D. Stewart, et al., 1985, citing E.L. Diamond, **FDA Contract Report on Assessment of Ultrasound Exposure During Gestation and Neonatal Growth**, FDA Contract No. 223-83-6023, John Hopkins University, February 1985.

<sup>780</sup> L.M. Kinnier Wilson, **Obstetric Ultrasound and Childhood Malignancies**, *The Lancet*, November 3, 1984 citing ME Stratmeyer, **Research in Ultrasound Bioeffects: A Public Health View**, *Birth Fam J*, 1980, Volume 7, pp 92-100.

<sup>781</sup> **Diagnostic Ultrasound Imaging in Pregnancy**, Report of a Consensus Development Conference Sponsored by the National Institute of Child Health and Human Development, the Office of Medical Applications of Research, the Division of Research Resources, and the Food and Drug Administration, Feb 6-8, 1984, National Institutes of Health, Bethesda, Maryland. U.S. Dep’t of Health and Human Services, Public Health Service, National Institutes of Health, NIH Publication No. 84-667, p 51, citing D. Kamocsay, **Effects of Ultrasonics on the Testicles – Experimental Studies in White Rats**, *Arztliche Forschung*, 1955, Vol. 9, pp 389-395, and M.S. Fahim, et al, **Heat in Male Contraception (Hot Water 60 C, Infrared, Microwave, and Ultrasound)**, *Contraception*, 1975, Vol. 11: 549-562. [babel.hathitrust.org/cgi/pt?id=pur1.32754079149757;view=1up;seq=48](http://babel.hathitrust.org/cgi/pt?id=pur1.32754079149757;view=1up;seq=48)

<sup>782</sup> W.D. O’Brien, et al., **Morphological changes to mouse testicular tissue from *in vivo* ultrasonic irradiation (preliminary report)**, *Ultrasound in Medicine & Biology*, 1979, Vol 5(1): 35-43. [sciencedirect.com/science/article/pii/030156297990125X](http://sciencedirect.com/science/article/pii/030156297990125X)

<sup>783</sup> **Ultrasound from Conception to 10+0 Weeks of Gestation**, *Royal College of Obstetricians & Gynecologists*, Scientific Impact Paper No. 49, Mar 2015, p 6. [rcog.org.uk/globalassets/documents/guidelines/scientific-impact-papers/sip-49.pdf](http://rcog.org.uk/globalassets/documents/guidelines/scientific-impact-papers/sip-49.pdf)

---

<sup>784</sup> Doris B. Haire, **Ultrasound in Obstetrics – A Question of Safety**, [aimsusa.org/ultrasnd.htm](https://aimsusa.org/ultrasnd.htm) Original link no longer working but article can be seen at [webarchive.org](https://webarchive.org).

<sup>785</sup> West, Jim. **50 Human Studies, in Utero, Conducted in Modern China, Indicate Extreme Risk for Prenatal Ultrasound: A New Bibliography** (Kindle Locations 542-548). harvoa. Kindle Edition citing Zhuang Qing Song, **Effects of Diagnostic Ultrasonic Wave on the Ultrastructures of the Human Fetus Testicles**, 2008.

<sup>786</sup> Jim West, **DUS Hazards**, excerpts from Jim West's third book on childhood disease, published in the Apr 2017 issue of *Townsend Letter*, [harvoa.org/chs/pr/dus\\_haz.htm](https://harvoa.org/chs/pr/dus_haz.htm), citing E. Siegel, et al., **Cellular attachment as a sensitive indicator of the effects of diagnostic ultrasound exposure on cultured human cells**, *Radiology*, Oct 1979, 133(1):175-9, [ncbi.nlm.nih.gov/pubmed/472288](https://ncbi.nlm.nih.gov/pubmed/472288)

<sup>787</sup> Tiffany Keiser, **Therapeutic Ultrasound Effectively Stops Sperm Production, Could be Used As Contraceptive for Men**, Jan 30, 2012. [dailytech.com/Therapeutic+Ultrasound+Effectively+Stops+Sperm+Production+Could+be+Used+As+Contraceptive+for+Men/article23890.htm](https://dailytech.com/Therapeutic+Ultrasound+Effectively+Stops+Sperm+Production+Could+be+Used+As+Contraceptive+for+Men/article23890.htm)

<sup>788</sup> M. Kato, **Visible Mutation Induced in *Drosophila* by Ultrasonic Vibration**, *Bulletin of the Osaka Medical School*, 1966, Vol. 12:114-188.

<sup>789</sup> Kay Carnes, et al., **Effects of in utero ultrasound on the development of the fetal mouse testis**, *Biology of Reproduction*, Vol 45(3), Oct 1991. [researchgate.net/publication/21374084\\_Effects\\_of\\_in\\_uterо\\_ultrasound\\_on\\_the\\_development\\_of\\_the\\_fetal\\_mouse\\_testis](https://researchgate.net/publication/21374084_Effects_of_in_uterо_ultrasound_on_the_development_of_the_fetal_mouse_testis)

<sup>790</sup> **Diagnostic Ultrasound Imaging in Pregnancy**, Report of a Consensus Development Conference Sponsored by the National Institute of Child Health and Human Development, the Office of Medical Applications of Research, the Division of Research Resources, and the Food and Drug Administration, February 6-8, 1984, National Institutes of Health, Bethesda, Maryland. U.S. Dep't of Health and Human Services, Public Health Service, National Institutes of Health, NIH Publication No. 84-667, p 51, citing D. Kamocsay, **Effects of Ultrasonics on the Testicles – Experimental Studies in White Rats**, *Arztliche Forschung*, 1955, Vol. 9, pp 389-395, and M.S. Fahim, et al, **Heat in Male Contraception (Hot Water 60 C, Infrared, Microwave, and Ultrasound)**, *Contraception*, 1975, Vol. 11: 549-562. [babel.hathitrust.org/cgi/pt?id=pur1.32754079149757;view=1up;seq=48](https://babel.hathitrust.org/cgi/pt?id=pur1.32754079149757;view=1up;seq=48)

<sup>791</sup> Alice Park, **'Sonicated' Sperm: Could Ultrasound Be the Next Male Contraceptive?**, *Time*, Jan 31, 2012. [healthland.time.com/2012/01/31/sonic-sperm-could-ultrasound-be-the-next-male-contraceptive/](https://healthland.time.com/2012/01/31/sonic-sperm-could-ultrasound-be-the-next-male-contraceptive/)

<sup>792</sup> Ibid

<sup>793</sup> C.A. VandeVoort, et al., **The efficacy of ultrasound treatment as a reversible male contraceptive in the rhesus monkey**, *Reproductive Biology and Endocrinology*, 2012, Vol 10:81. [rbej.biomedcentral.com/articles/10.1186/1477-7827-10-81](https://rbej.biomedcentral.com/articles/10.1186/1477-7827-10-81)



- 
- <sup>794</sup> West, Jim. **50 Human Studies, in Utero, Conducted in Modern China, Indicate Extreme Risk for Prenatal Ultrasound: A New Bibliography** (Kindle Locations 542-548). harvoa. Kindle Edition citing Zhuang Qing Song, **Effects of Diagnostic Ultrasonic Wave on the Ultrastructures of the Human Fetus Testicles**, 2008.
- <sup>795</sup> Doris B. Haire, **Ultrasound in Obstetrics – A Question of Safety**, [aimsusa.org/ultrasnd.htm](https://aimsusa.org/ultrasnd.htm) citing Testart J, et al., **Premature ovulation after ovarian ultrasonography**, *Br J Obstet Gynaecol*, 1982, Vol 89(9): 694-700. Original link no longer working but article can be seen at [webarchive.org](http://webarchive.org).
- <sup>796</sup> Jim West, **DUS Hazards**, excerpts from Jim West's third book on childhood disease, published in the April 2017 issue of *Townsend Letter*, [harvoa.org/chs/pr/dus\\_haz.htm](https://harvoa.org/chs/pr/dus_haz.htm), citing E. Siegel, et al., **Cellular attachment as a sensitive indicator of the effects of diagnostic ultrasound exposure on cultured human cells**, *Radiology*, Oct 1979, 133(1):175-9, [ncbi.nlm.nih.gov/pubmed/472288](https://ncbi.nlm.nih.gov/pubmed/472288)
- <sup>797</sup> **Ultrasound from Conception to 10+0 Weeks of Gestation**, *Royal College of Obstetricians & Gynecologists*, Scientific Impact Paper No. 49, Mar 2015, p 6. [rcog.org.uk/globalassets/documents/guidelines/scientific-impact-papers/sip-49.pdf](https://rcog.org.uk/globalassets/documents/guidelines/scientific-impact-papers/sip-49.pdf)
- <sup>798</sup> Maria Thor, PhD., et al, **Radiation Dose to the Penile Structures and Patient-Reported Sexual Dysfunction in Long-Term Prostate Cancer Survivors**, *The Journal of Sexual Medicine*, Vol 12(12), Dec 1, 2015. <https://tinyurl.com/3xjc7r6b>
- <sup>799</sup> M. Mirza., et al., **Erectile Dysfunction and Urinary Incontinence after Prostate Cancer Treatment**, *Seminars in Oncology Nursing*, Nov 2011, Vol 27(4): 278-289, citing C. Akbal, et al., **Erectile Dysfunction Following Radiotherapy and Brachytherapy for Prostate Cancer: Pathophysiology, Prevention and Treatment**, *Int Urol Nephrol*, 2008, Vol 40: 355-363 and S. Carrier, et al., **Radiation Induced Decrease in Nitric Oxide Synthase-Containing Nerves in the Rat Penis**, *Radiology*, 1995, Vol 195: 95-99.
- <sup>800</sup> **Ultrasound male contraceptive, overlooked for decades, confirmed to work**, Jan 29, 2012. [eurekalert.org/pub\\_releases/2012-01/mcip-umc012912.php](https://eurekalert.org/pub_releases/2012-01/mcip-umc012912.php)
- <sup>801</sup> Jennifer Welsh, **Future Male Birth Control May Zap Sperm with Sound Waves**, Jan 29, 2012. [livescience.com/18174-ultrasound-male-birth-control-contraception.html](https://livescience.com/18174-ultrasound-male-birth-control-contraception.html)
- <sup>802</sup> Male Contraception Information Project, [newmalecontraception.org/ultrasound/](https://newmalecontraception.org/ultrasound/)
- <sup>803</sup> Rob Beschizza, **Study: Ultrasound Halts Sperm**, Jan 30, 2012. [boingboing.net/2012/01/30/study-ultrasound-halts-sperm.html](https://boingboing.net/2012/01/30/study-ultrasound-halts-sperm.html)
- <sup>804</sup> Tiffany Keiser, **Therapeutic Ultrasound Effectively Stops Sperm Production, Could be Used as Contraceptive for Men**, Jan 30, 2012. [dailytech.com/Therapeutic+Ultrasound+Effectively+Stops+Sperm+Production+Could+be+Used+As+Contraceptive+for+Men/article23890.htm](https://dailytech.com/Therapeutic+Ultrasound+Effectively+Stops+Sperm+Production+Could+be+Used+As+Contraceptive+for+Men/article23890.htm)
- <sup>805</sup> Alice Park, **'Sonicated' Sperm: Could Ultrasound Be the Next Male Contraceptive?**, Jan 31, 2012.

---

[healthland.time.com/2012/01/31/sonic-sperm-could-ultrasound-be-the-next-male-contraceptive/](http://healthland.time.com/2012/01/31/sonic-sperm-could-ultrasound-be-the-next-male-contraceptive/)

<sup>806</sup> Tiffany Keiser, **Therapeutic Ultrasound Effectively Stops Sperm Production, Could be Used As Contraceptive for Men**, Jan 30, 2012. [dailytech.com/Therapeutic+Ultrasound+Effectively+Stops+Sperm+Production+Could+be+Used+As+Contraceptive+for+Men/article23890.htm](http://dailytech.com/Therapeutic+Ultrasound+Effectively+Stops+Sperm+Production+Could+be+Used+As+Contraceptive+for+Men/article23890.htm)

<sup>807</sup> Male Contraception Information Project – Author Unknown, “*Ultrasound*,” Date Unknown (article contains lab results from 2012). [newmalecontraception.org/ultrasound/](http://newmalecontraception.org/ultrasound/)

<sup>808</sup> Elaine Lissner, “**Ultrasound male contraceptive, overlooked for decades, confirmed to work**,” Jan 29, 2012, [eurekalert.org/pub\\_releases/2012-01/mcip-umc012912.php](http://eurekalert.org/pub_releases/2012-01/mcip-umc012912.php) For info about The 2010 Bill & Melinda Gates Foundation Grand Challenges Explorations grant that the UNC team won to complete their current study (which grant has run out) see: UNC researchers receive \$100,000 Grand Challenges Explorations Grant to develop male contraceptive, [eurekalert.org/pub\\_releases/2010-05/uonc-urr051010.php](http://eurekalert.org/pub_releases/2010-05/uonc-urr051010.php)

<sup>809</sup> Male Contraception Information Project – Author Unknown, “*Ultrasound*,” Date Unknown (article contains lab results from 2012), [newmalecontraception.org/ultrasound/](http://newmalecontraception.org/ultrasound/)

<sup>810</sup> National Security Council, National Security Study Memorandum NSSM 200, **Implications of Worldwide Population Growth For U.S. Security and Overseas Interests (THE KISSINGER REPORT)**, Dec 10, 1974 – classified document declassified on Dec 31, 1980. [pdf.usaid.gov/pdf\\_docs/Pcaab500.pdf](http://pdf.usaid.gov/pdf_docs/Pcaab500.pdf)

<sup>811</sup> National Security Council, National Security Study Memorandum NSSM 200, **Implications of Worldwide Population Growth For U.S. Security and Overseas Interests (THE KISSINGER REPORT)**, Dec 10, 1974 – classified document declassified on Dec 31, 1980. [pdf.usaid.gov/pdf\\_docs/Pcaab500.pdf](http://pdf.usaid.gov/pdf_docs/Pcaab500.pdf)

<sup>812</sup> **Having 'the snip' without the chop**, Jan 10, 2002. [news.bbc.co.uk/2/hi/health/1751177.stm](http://news.bbc.co.uk/2/hi/health/1751177.stm)

<sup>813</sup> **Having 'the snip' without the chop**, Jan 10, 2002. [news.bbc.co.uk/2/hi/health/1751177.stm](http://news.bbc.co.uk/2/hi/health/1751177.stm)

<sup>814</sup> **Guidelines for the Safe Use of Ultrasound: Part I - Medical and Paramedical Applications (excerpt from Safety Code 23, 1989)**, Government of Canada, [canada.ca/en/health-canada/services/environmental-workplace-health/reports-publications/radiation/guidelines-safe-use-ultrasound-part-medical-paramedical-applications-excerpt-safety-code-23-1989-health-canada.html](http://canada.ca/en/health-canada/services/environmental-workplace-health/reports-publications/radiation/guidelines-safe-use-ultrasound-part-medical-paramedical-applications-excerpt-safety-code-23-1989-health-canada.html) citing J.F. Lehmann, et al, in “*Therapeutic Heat and Cold*”, Ch. 10, J.F. Lehmann, (Ed.), 1982, Williams and Wilkins, Baltimore, and D.C. Reid, “Possible Contraindications and Precautions Associated with Ultrasound Therapy”, In: A. Mortimer, N. Lee (eds.), *Proceedings of International Symposium on Therapeutic Ultrasound*, 1981, Canadian Physiotherapy Association,

---

Winnipeg, and E.M. Oakley, **Dangers and Contraindications of Therapeutic Ultrasound**, *Physiotherapy*, 1978, Vol. 64: 174.

<sup>815</sup> Caroline Rodgers, **"Questions about Prenatal Ultrasound and the Alarming Increase in Autism,"** *Midwifery Today*, Issue 80. Winter 2006, [midwiferytoday.com/articles/ultrasoundrodders.asp](http://midwiferytoday.com/articles/ultrasoundrodders.asp) citing "Genital and Urinary Tract Defects." March of Dimes. [marchofdimes.com/printableArticles/4439\\_1215.asp](http://marchofdimes.com/printableArticles/4439_1215.asp). Accessed 27 Aug 2006.

<sup>816</sup> Mike Schade, **Men's health – what do toxic chemicals have to do with it?**, Jun 11, 2014. [saferchemicals.org/2014/06/11/mens-health-what-do-toxic-chemicals-have-to-do-with-it/](http://saferchemicals.org/2014/06/11/mens-health-what-do-toxic-chemicals-have-to-do-with-it/)

<sup>817</sup> M.H. Hsieh, et al., **Trends in Prenatal Sonography Use and Subsequent Urologic Diagnoses and Abortions in the United States**, *J. Pediatr Urol.*, Dec 2009, Vol 5(6): 490-494. [ncbi.nlm.nih.gov/pmc/articles/PMC3271705/](http://ncbi.nlm.nih.gov/pmc/articles/PMC3271705/)

<sup>818</sup> Geoffry N. De Iulius, et al., **Mobile Phone Radiation Induces Reactive Oxygen Species Production and DNA Damage in Human Spermatozoa *In Vitro***, *PLOS*, Jul 31, 2009, [journals.plos.org/plosone/article?id=10.1371/journal.pone.0006446](http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0006446) citing Fejes I, et al, **Is there a relationship between cell phone use and semen quality?** 2005, *Arch Androl* 51: 385–393; and Aitken RJ, et al, **Impact of radio frequency electromagnetic radiation on DNA integrity in the male germline**, 2005, *Int J Androl* 28: 171–179; and Agarwal A, et al., **Effect of cell phone usage on semen analysis in men attending infertility clinic: an observational study**, 2007, *Fertil Steril* 89: 124–128; and Kundi M, et al., **Mobile telephones and cancer—a review of epidemiological evidence**, 2004, *J Toxicol Environ Health B Crit Rev* 7: 351–384; and Hardell L, et al., **Biological effects from electromagnetic field exposure and public exposure standards**, 2008, *Biomed Pharmacother* 62: 104–109; and Friedman J, et al., **Mechanism of short-term ERK activation by electromagnetic fields at mobile phone frequencies**, 2007, *Biochem J* 405: 559–568.

<sup>819</sup> Dr. John Christopher, **Every Woman's Herbal**, Christopher Publications, Springville, UT, 2010, p 32.

<sup>820</sup> Dr. Joseph Mercola, **Skyrocketing Male Infertility May Threaten Mankind's Survival**, Aug 8, 2017. [articles.mercola.com/sites/articles/archive/2017/08/09/skyrocketing-male-infertility.aspx](http://articles.mercola.com/sites/articles/archive/2017/08/09/skyrocketing-male-infertility.aspx)

<sup>821</sup> Kate Kelland, **Sperm Count Dropping in Western World**, Jul 26, 2017. [scientificamerican.com/article/sperm-count-dropping-in-western-world/](http://scientificamerican.com/article/sperm-count-dropping-in-western-world/)

<sup>822</sup> Tomas Frejka, **Half the world's population reaching below replacement fertility**, *NIUSSP.org*, Dec 4, 2017. [niussp.org/article/half-the-worlds-population-reaching-below-replacement-fertility/](http://niussp.org/article/half-the-worlds-population-reaching-below-replacement-fertility/)

<sup>823</sup> Dr. Zach Bush, **Zach Bush, MD "Eat Dirt! And Thrive" Full Lecture presented by Perfect Earth Project**, Jul 10, 2018.

---

<sup>824</sup> **China's Birthrate Hits Lowest Level Since Country Was Founded in 1949. China's 'One Child Policy' Skewed the Sex Ratio and 30 Million Bachelors Do Not Have Families**, Jan 21, 2020, [needtoknow.news/2020/01/chinas-birthrate-hits-lowest-level-since-country-was-founded-in-1949-chinas-one-child-policy-skewed-the-sex-ratio-and-30-million-bachelors-do-not-have-families/](https://needtoknow.news/2020/01/chinas-birthrate-hits-lowest-level-since-country-was-founded-in-1949-chinas-one-child-policy-skewed-the-sex-ratio-and-30-million-bachelors-do-not-have-families/)

<sup>825</sup> Kate Kelland, **Sperm Count Dropping in Western World**, Jul 26, 2017. [scientificamerican.com/article/sperm-count-dropping-in-western-world/](https://scientificamerican.com/article/sperm-count-dropping-in-western-world/)

<sup>826</sup> **Have Sperm Counts Declined? Definitely Yes, Says First-Ever Meta-Analysis on Trends in Sperm Count**, reporting on findings from the Hebrew University of Jerusalem's Faculty of Medicine and the Icahn School of Medicine at Mount Sinai, Jul 25, 2017. [youtu.be/nuQOKObNYng](https://youtu.be/nuQOKObNYng)

<sup>827</sup> Mike Adams, **HUMANITY ALERT: Sperm count plunges 59% due to mass chemical feminization of men**, Sep 28, 2017. [naturalnews.com/2017-09-28-humanity-alert-sperm-count-plunges-59-due-to-mass-chemical-feminization-of-men.html](https://naturalnews.com/2017-09-28-humanity-alert-sperm-count-plunges-59-due-to-mass-chemical-feminization-of-men.html)

<sup>828</sup> Kate Kelland, **Sperm Count Dropping in Western World**, 26, 2017. [scientificamerican.com/article/sperm-count-dropping-in-western-world/](https://scientificamerican.com/article/sperm-count-dropping-in-western-world/)

<sup>829</sup> Mike Adams, **Science paper: The real purpose of modern medicine is 'engineered genocide' to reduce human population through covert infertility via vaccines, GMOs and drugs**, Jan 25, 2016, [naturalnews.com/052750\\_engineered\\_genocide\\_depopulation\\_humanity\\_self-destruction.html](https://naturalnews.com/052750_engineered_genocide_depopulation_humanity_self-destruction.html) citing Kevin Muger Galalae, **The Subversion of Medicine and Public Health by International Security Prerogatives**, *Epidemiology*, Vol 5: 208, [omicsonline.org/open-access/the-subversion-of-medicine-and-public-health-by-international-securityprerogatives-2161-1165-1000208.php?aid=65519](https://omicsonline.org/open-access/the-subversion-of-medicine-and-public-health-by-international-securityprerogatives-2161-1165-1000208.php?aid=65519)

<sup>830</sup> Arjun Walia, **"Peer Reviewed:" Science Losing Credibility as Large Amounts of Research Shown to be False**, Mar 1, 2017. [collective-evolution.com/2017/03/01/peer-reviewed-science-losing-credibility-as-large-amounts-of-research-shown-to-be-false/](https://collective-evolution.com/2017/03/01/peer-reviewed-science-losing-credibility-as-large-amounts-of-research-shown-to-be-false/)

<sup>831</sup> Vera Sharav, **Senior CDC Scientist Blows the Whistle on CDC Science Fraud**, May 2, 2016. [ahrp.org/senior-cdc-scientist-blows-the-whistle-on-cdc-science-fraud/](https://ahrp.org/senior-cdc-scientist-blows-the-whistle-on-cdc-science-fraud/)

<sup>832</sup> Ethan A. Huff, **Nearly 4 in 10 clinical trials based on false information; FDA routinely ignores blatant science fraud**, Mar 8 2015. [naturalnews.com/048915\\_FDA\\_science\\_fraud\\_false\\_information.html](https://naturalnews.com/048915_FDA_science_fraud_false_information.html)

<sup>833</sup> **The history of baby ultrasound scanning**, Nov 12, 2012. [babyscanclinic.com/blog/the-history-of-baby-ultrasound-scanning/](https://babyscanclinic.com/blog/the-history-of-baby-ultrasound-scanning/)

<sup>834</sup> **Doctors Shocked to Discover Sperm Counts in Western Men Plummeted Nearly 60%**, Jul 28, 2017. [theantimedia.org/sperm-counts-western-men/](https://theantimedia.org/sperm-counts-western-men/)

<sup>835</sup> **Massive Male Sperm Count 50% Drop Seen World Wide**, August 7, 2017. [sciencevibe.com/2017/08/07/massive-male-sperm-count-50-drop-seen-world-wide/](https://sciencevibe.com/2017/08/07/massive-male-sperm-count-50-drop-seen-world-wide/)

- 
- <sup>836</sup> **Medical News: Ultrasound Exposure Decreases Sperm Production in Men, Animals, *J Am Med Ass*, 1976, Volume 235, pp 2374-2376.**
- <sup>837</sup> **Diagnostic Ultrasound Imaging in Pregnancy**, Report of a Consensus Development Conference Sponsored by the National Institute of Child Health and Human Development, the Office of Medical Applications of Research, the Division of Research Resources, and the Food and Drug Administration, February 6-8, 1984, National Institutes of Health, Bethesda, Maryland. U.S. Dep't of Health and Human Services, Public Health Service, National Institutes of Health, NIH Publication No. 84-667, p 51, citing D. Kamocsay, **Effects of Ultrasonics on the Testicles – Experimental Studies in White Rats**, *Arztliche Forschung*, 1955, Vol. 9, pp 389-395, and M.S. Fahim, et al, **Heat in Male Contraception (Hot Water 60 C, Infrared, Microwave, and Ultrasound)**, *Contraception*, 1975, Vol. 11, pp 549-562. [babel.hathitrust.org/cgi/pt?id=pur1.32754079149757;view=1up;seq=48](http://babel.hathitrust.org/cgi/pt?id=pur1.32754079149757;view=1up;seq=48)
- <sup>838</sup> **Secret Sterilizing Ingredients In Many Vaccines**, PreventDisease.com, Nov 24, 2011. [preventdisease.com/news/11/112411\\_Secret-Sterilizing-Ingredients-In-Many-Vaccines.shtml](http://preventdisease.com/news/11/112411_Secret-Sterilizing-Ingredients-In-Many-Vaccines.shtml)
- <sup>839</sup> The Fullerton Informer, **Urgent! Forbidden information, a must watch! 5G is a kill grid that will lead to forced vaccinations**, Feb 10, 2018. [youtu.be/oY5SRQ2KqC](https://youtu.be/oY5SRQ2KqC)
- <sup>840</sup> The Fullerton Informer, **5G dangers, 60GHz millimeter wave micro cell dangers, and stupid, evil elected representatives**, Feb 8, 2018. [youtu.be/ZrjCdj3QL4Y](https://youtu.be/ZrjCdj3QL4Y)
- <sup>841</sup> Truth11 Films **Wireless Genocide - Microwave Radiation, Part of the Depopulation Agenda**, Film Transcript, [truth11.com/2018/06/13/truth11-films-wireless-genocide-microwave-radiation-part-of-the-depopulation-agenda-film-transcript/](http://truth11.com/2018/06/13/truth11-films-wireless-genocide-microwave-radiation-part-of-the-depopulation-agenda-film-transcript/)
- <sup>842</sup> Arthur Firstenberg, *The Invisible Rainbow*, 2017, AGB Press, Santa Fe, New Mexico, Chapter 16, citing O.A. Hopperskaya, et al., **The Action of the 'Gamma-7N' Device on Biological Objects Exposed to Radiation from Personal Computers**, 1999, *Electromagnetic Fields and Human Health: Proceedings of the Second International Conference*, Moscow, Sept 20-24, pp 354-55. Abstract.
- <sup>843</sup> Arthur Firstenberg, *The Invisible Rainbow*, 2017, AGB Press, Santa Fe, New Mexico, Chapter 16, citing C. Serant, **A Human Science Experiment**, *New York Newsday*, May 10, 2004.
- <sup>844</sup> Arthur Firstenberg, *The Invisible Rainbow*, 2017, AGB Press, Santa Fe, New Mexico, Chapter 16, citing D.J. Panagopoulos, et al., **Effect of GSM 900-MHz Mobile Phone Radiation on the Reproductive Capacity of *Drosophila melanogaster***, 2004, *Electromagnetic Biology and Medicine*, 23(1): 29-43.
- <sup>845</sup> M.Hertsgaard and M. Dowie, **The disinformation campaign—and massive radiation increase—behind the 5G rollout**, Apr 24, 2019, [newagora.ca/the-disinformation-campaign-and-massive-radiation-increase-behind-the-5g-rollout/](https://newagora.ca/the-disinformation-campaign-and-massive-radiation-increase-behind-the-5g-rollout/) citing Report of Partial Findings from the National Toxicology Program Carcinogenesis Studies of Cell Phone Radiofrequency Radiation in Hsd: Sprague Dawley® SD rats (Whole Body Exposures), bioRxiv preprint first posted online May 26, 2016. [biorxiv.org/content/biorxiv/early/2016/05/26/055699.full.pdf](https://biorxiv.org/content/biorxiv/early/2016/05/26/055699.full.pdf)

---

<sup>846</sup> L. Lloyd Morgan, et al., **Why children absorb more microwave radiation than adults: The consequences**, *Journal of Microscopy and Ultrastructure*, Dec 2014, Vol 2(4): 197-204, [sciencedirect.com/science/article/pii/S2213879X14000583](https://www.sciencedirect.com/science/article/pii/S2213879X14000583) citing Z. Fejes, et al., **Is there a relationship between cell phone use and semen quality?**, *Arch Androl*, 2005, Vol 51:385-393, and A. Agarwal, et al., **Effect of cell phone usage on semen analysis in men attending infertility clinic: an observational study**, *Fertil Steril*, Jan 1, 2008, Vol 89:124-128, and N. Salama, et al., **Effects of exposure to a mobile phone on testicular function and structure in adult rabbit**, *Int J Androl*, Feb 1, 2010, Vol 33:88-94, and G.N. De Luliis, et al., **Mobile phone radiation induces reactive oxygen species production and DNA damage in human spermatozoa in vitro**, *PLoS ONE*, Jul 7 2009, Vol 4, and S.A. Glantz, **Primer of biostatistics**, (7th ed.), 2012, The McGraw Hill Companies, San Francisco, p. 247.

<sup>847</sup> M.L. Pall, **Wi-Fi is an important threat to human health**, *Environmental Research*, July 2018, Vol 164: 405-416. [sciencedirect.com/science/article/pii/S0013935118300355](https://www.sciencedirect.com/science/article/pii/S0013935118300355)

<sup>848</sup> **Health Risks to Children from Wireless Radiation - Read the Research Here**, [showthefineprint.org/sites/default/files/HealthConcernsandResearchonWirelessRadiation.pdf](https://showthefineprint.org/sites/default/files/HealthConcernsandResearchonWirelessRadiation.pdf) citing The BC Center for Disease Control 2013 Report, **A Radiofrequency Toolkit for Environmental Health Practitioners**, Mar 7, 2013, [bccdc.ca/resource-gallery/Documents/Guidelines%20and%20Forms/Guidelines%20and%20Manuals/EH/EH/RadiofrequencyToolkit\\_v5\\_26032014.pdf](https://bccdc.ca/resource-gallery/Documents/Guidelines%20and%20Forms/Guidelines%20and%20Manuals/EH/EH/RadiofrequencyToolkit_v5_26032014.pdf); and Nora D. Volkow, et al, **Effects of Cell Phone Radiofrequency Signal Exposure on Brain Glucose Metabolism**, *Journal of the American Medical Association*, Feb. 23, 2011, Vol. 305(8):808-813, [jamanetwork.com/journals/jama/fullarticle/645813](https://jamanetwork.com/journals/jama/fullarticle/645813)

<sup>849</sup> **Barrie Trower: Autobiography**, Dec 16, 2005. [stayonthetruth.com/barrie-trower-bio.php](http://stayonthetruth.com/barrie-trower-bio.php)

<sup>850</sup> Barrie Trower, **Permanent Genetic Damage to Future Generations**, Jan 13, 2018. [youtu.be/lhL0FyOtoCU](https://youtu.be/lhL0FyOtoCU)

<sup>851</sup> Nick Pineault, **Case Study: Are EMFs An Invisible Threat Like Asbestos?**, N&G Medial, 2019. [electrosmogrx.com/casestudies-watch/](https://electrosmogrx.com/casestudies-watch/)

<sup>852</sup> **Comments on last message: California City blocks 5G deployments**, EMF Facts Consultancy, Sep 2018. [www.emfacts.com/2018/09/comments-on-last-message-california-city-blocks-5g-deployments/](https://www.emfacts.com/2018/09/comments-on-last-message-california-city-blocks-5g-deployments/)

<sup>853</sup> Barrie Trower, **Barrie Trower & Mark Steele on 5G**, 5G Awareness YouTube Channel, Mar 17, 2019, [youtu.be/6BAs5w9OfQM](https://youtu.be/6BAs5w9OfQM) citing N.P. Zalyubovskaya, **Biological Effects of Millimeter Radiowave**, Kiev, *Vrachebnoye Delo*, in Russian, No 3., 1977: 116-199. [stopsmartmetersau.files.wordpress.com/2019/03/biological-effect-of-millimeter-radiowaves.pdf](https://stopsmartmetersau.files.wordpress.com/2019/03/biological-effect-of-millimeter-radiowaves.pdf)

<sup>854</sup> Pam Vernon, **5G was Tested in Russia on Humans and Animals with Disturbing Results: What You are Not Being Told – Dr. Barrie Trower and Mark Steele Discuss**, Rangitikei Environmental Health Watch, Aug 12, 2019. [tinyurl.com/4b2f8m22](https://tinyurl.com/4b2f8m22)

- 
- <sup>855</sup> Martin L. Pall, PhD, **5G: Great risk for EU, U.S. and International Health! Compelling Evidence for Eight Distinct Types of Great Harm Caused by Electromagnetic Field (EMF) Exposures and the Mechanism that Causes Them.**
- <sup>856</sup> Dr. Zach Bush, **Food Independence & Planetary Evolution: Zach Bush, MD | Rich Roll Podcast**, Rich Roll YouTube Channel, Jan 8, 2019. [youtu.be/X3aOQ0N74PI](https://youtu.be/X3aOQ0N74PI)
- <sup>857</sup> **What Zionist And Anti-Zionist Jews Have Said About: Medical Practices**, The Evil of Zionism Exposed by Jews, [theevilofzionismexposedbyjews.weebly.com/13-what-zionist-and-anti-zionist-jews-have-said-about-medical-practices.html](https://theevilofzionismexposedbyjews.weebly.com/13-what-zionist-and-anti-zionist-jews-have-said-about-medical-practices.html)
- <sup>858</sup> Jeanice Barcelo, **Birth Trauma and the Dark Side of Modern Medicine**, 2015. [birthofanewearth.com/1/birth-trauma-and-the-dark-side-of-modern-medicine/](https://birthofanewearth.com/1/birth-trauma-and-the-dark-side-of-modern-medicine/)
- <sup>859</sup> Jonathan Silverman, **Jewish Dominance Of America - Facts Are Facts**, Rense.com, Nov 21, 2004. [rense.com/general59/sdom.htm](https://rense.com/general59/sdom.htm)
- <sup>860</sup> Dacason, **Jewish LA Times Journalist Joel Stein: Jews Control 96% Of The World's Media, "Without Us, You'd Be Flipping Between '700 Club' and 'Davey and Goliath'"**, Feb 2018, [camelotdaily.com/jews-control-96-percent-worlds-media/](https://camelotdaily.com/jews-control-96-percent-worlds-media/)
- <sup>861</sup> **Six Jewish Companies Control 96% of the World's Media**, Oct 18, 2016. [inspiretochangeworld.com/2016/10/six-jewish-companies-control-96-worlds-media/](https://inspiretochangeworld.com/2016/10/six-jewish-companies-control-96-worlds-media/)
- <sup>862</sup> Edward Morgan, **89 of our Senators and Congress hold dual citizenship citizenship with Israel**, Jun 22, 2018. [prepareforchange.net/2018/06/22/89-of-our-senators-and-congress-hold-dual-citizenship-citizenship-with-israel/](https://prepareforchange.net/2018/06/22/89-of-our-senators-and-congress-hold-dual-citizenship-citizenship-with-israel/)
- <sup>863</sup> **US Politicians Who Hold Dual US/Israeli Citizenship**, The American Freedom Party, Aug 18, 2014. [american3rdposition.com/us-politics-hold-ual-usisraeli-citizenship/](https://american3rdposition.com/us-politics-hold-ual-usisraeli-citizenship/)
- <sup>864</sup> Michael Ruark, **List Israeli Dual Citizens in the US. 114th Congress . . . and Bernie Sanders is on it**, Mar 3, 2016. [stateofthenation2012.com/?p=32823](https://stateofthenation2012.com/?p=32823)
- <sup>865</sup> Brother Nathanael, **Who Owns Obama**, 2008, [realjewishnews.com/?p=319](https://realjewishnews.com/?p=319)
- <sup>866</sup> **Radiation Effects and Sources**, United Nations Environment Programme, 2016. [large.stanford.edu/courses/2017/ph241/kwan2/docs/unep-2016.pdf](https://large.stanford.edu/courses/2017/ph241/kwan2/docs/unep-2016.pdf)
- <sup>867</sup> D.J. Pizzarello, et al., **Effect of Pulsed Low-Power Ultrasound on Growing Tissues – I. Developing Mammalian and Insect Tissue**, 1978, *Expl Cell Biol*, Vol 46: 179-191.
- <sup>868</sup> Dr. Carol Phillips, **Ultrasound Research**, Nov 28, 2012. [youtu.be/-8szqgtX\\_GQ](https://youtu.be/-8szqgtX_GQ) showing video footage from **Fetal Effects of Ultrasound: A Growing Controversy**, aired on Cable News Network in 1993 after the research findings were reported in the Journal of Nurse Midwifery.
- <sup>869</sup> *ibid*

---

<sup>870</sup> **Ultrasound from Conception to 10+0 Weeks of Gestation**, *Royal College of Obstetricians & Gynecologists*, Scientific Impact Paper No. 49, Mar 2015, p 6, [rcog.org.uk/globalassets/documents/guidelines/scientific-impact-papers/sip-49.pdf](http://rcog.org.uk/globalassets/documents/guidelines/scientific-impact-papers/sip-49.pdf) citing G ter Haar, editor, *The Safe Use of Ultrasound in Medical Diagnosis*. 3rd ed. London: British Institute of Radiology; 2012.

<sup>871</sup> **Ultrasound Autism Connection?**, [ultrasound-autism.org/](http://ultrasound-autism.org/)

<sup>872</sup> C.D. Bethell, PhD, et al., **A National and State Profile of Leading Health Problems and Health Care Quality for US Children: Key Insurance Disparities and Across-State Variations**, *Academic Pediatrics*, May-June 2011, Vol 11(3) Supp: S22-S33. [sciencedirect.com/science/article/pii/S1876285910002500](http://sciencedirect.com/science/article/pii/S1876285910002500)

<sup>873</sup> Tim Bolen, **“Anti-Vaxxers” – Should We Invoke “The Death Penalty” For The “Fake Epidemic” Schemers?**, May 25, 2019. [bolenreport.com/anti-vaxxers-should-we-invoke-the-death-penalty-for-the-fake-epidemic-schemers/](http://bolenreport.com/anti-vaxxers-should-we-invoke-the-death-penalty-for-the-fake-epidemic-schemers/)

<sup>874</sup> Robert F. Kennedy Jr., **Robert F. Kennedy Jr. Breaks His Silence**, May 14, 2019. The HighWire with Del Bigtree, [youtu.be/hMH6hfwp\\_\\_8](https://youtu.be/hMH6hfwp__8)

<sup>875</sup> M4ngo, **Big Tobacco, Obama, the FDA, and Collusion**, Mar 28, 2017. [abovetopsecret.com/forum/thread1166288/pg1](http://abovetopsecret.com/forum/thread1166288/pg1)

<sup>876</sup> Matt Agorist, **CDC Head Forced to Resign After She’s Caught Buying Shares in Vaccine & Big Tobacco Companies**, Feb 12, 2018. [crazzfiles.com/cdc-head-forced-to-resign-after-shes-caught-buying-shares-in-vaccine-big-tobacco-companies/](http://crazzfiles.com/cdc-head-forced-to-resign-after-shes-caught-buying-shares-in-vaccine-big-tobacco-companies/)

<sup>877</sup> **Obama Appoints Monsanto’s Vice President as Senior Advisor to the Commissioner at the FDA**, Aug 16, 2011. [birthofanewearth.blogspot.com/2011/08/obama-appoints-monsantos-vice-president.html](http://birthofanewearth.blogspot.com/2011/08/obama-appoints-monsantos-vice-president.html) citing **You’re Appointing Who? Please Obama, Say It’s Not So!**, [responsibletechnology.org/blog/858](http://responsibletechnology.org/blog/858)

<sup>878</sup> Rich Murray, **The Amazing Revolving Door - Monsanto, FDA & EPA**, Dec 24, 2002. [rense.com/general33/fd.htm](http://rense.com/general33/fd.htm)

<sup>879</sup> Augustina Ursino, **Baby Foreskin Is Being Used To Make Vaccines**, Sept 28, 2017. [vactruth.com/2017/09/28/foreskin-used-in-vaccines/](http://vactruth.com/2017/09/28/foreskin-used-in-vaccines/)

<sup>880</sup> Makia Freeman, **Vaccine Animal Cells: Bird, Pig, Cow, Dog, Monkey, Mouse, Worm and Insect DNA Used in Vaccines**, Apr 24, 2017. [thesleuthjournal.com/vaccine-animal-cells-dna-used-vaccines/](http://thesleuthjournal.com/vaccine-animal-cells-dna-used-vaccines/)

<sup>881</sup> Dr. Joseph Mercola, **One of the Most Inexcusable Vaccine Revelations of All**, July 10, 2011. [articles.mercola.com/sites/articles/archive/2011/07/10/this-shocking-fact-is-never-disclosed-on-any-vaccine-informed-consent-form.aspx](http://articles.mercola.com/sites/articles/archive/2011/07/10/this-shocking-fact-is-never-disclosed-on-any-vaccine-informed-consent-form.aspx)

<sup>882</sup> **Vaccines and Mortality Rates**, 2017 [vactruth.com/vaccines-and-mortality-rates/](http://vactruth.com/vaccines-and-mortality-rates/)



- 
- <sup>883</sup> Barbara Loe Fisher, **In Memoriam: Infant Deaths & Vaccination**, May 24, 2011. [nvic.org/NVIC-Vaccine-News/May-2011/In-Memoriam--Infant-Deaths---Vaccination.aspx](http://nvic.org/NVIC-Vaccine-News/May-2011/In-Memoriam--Infant-Deaths---Vaccination.aspx)
- <sup>884</sup> **Vaccine Product Approval Process**, Aug 24, 2015. [fda.gov/biologicsbloodvaccines/developmentapprovalprocess/biologicslicenseapplicationblaprocess/ucm133096.htm](http://fda.gov/biologicsbloodvaccines/developmentapprovalprocess/biologicslicenseapplicationblaprocess/ucm133096.htm)
- <sup>885</sup> Dr. Herbert Ley, in a Congressional Hearing, 1969, as quoted by Paul Fassa, **The FDA Doesn't Protect Us - It Harms Us**, *The Best Years in Life*, [tbyil.com/The\\_FDA\\_Does\\_Not\\_Protect\\_Us\\_Paul\\_Fassa.htm](http://tbyil.com/The_FDA_Does_Not_Protect_Us_Paul_Fassa.htm)
- <sup>886</sup> Dr Peter Gøtzsche, MD, **Dr Peter Gøtzsche exposes big pharma as organized crime**, YouTube Channel of John McDougall, Apr 1, 2015. [youtu.be/dozpAshvtsA](https://youtu.be/dozpAshvtsA)
- <sup>887</sup> J. Lenzer, **Anticoagulants cause the most serious adverse events, finds US analysis**, *BMJ*, June 2012, Vol 344, [bmj.com/content/344/bmj.e3989.full](http://bmj.com/content/344/bmj.e3989.full) citing a report published on May 31 May in *QuarterWatch*, a publication of the Institute for Safe Medication Practices, [ismp.org/](http://ismp.org/)
- <sup>888</sup> Ethan Huff, **As of January 1, 2020, the cancer industry has now killed 20 million people around the world since the year 2000**, Jan 12, 2020. [naturalnews.com/2020-01-12-cancer-industry-has-killed-20-million-since-2000.html](http://naturalnews.com/2020-01-12-cancer-industry-has-killed-20-million-since-2000.html)
- <sup>889</sup> B.N. Frank, **CBS "60 Minutes" Asks If The FDA Ignited The Opioid Crisis. Big Pharma Exec Says Yes**, Mar 1, 2019. [activistpost.com/2019/03/cbs-60-minutes-asks-if-the-fda-ignited-the-opioid-crisis-big-pharma-exec-says-yes.html](http://activistpost.com/2019/03/cbs-60-minutes-asks-if-the-fda-ignited-the-opioid-crisis-big-pharma-exec-says-yes.html)
- <sup>890</sup> Jon Rappoport, **Why the FDA should be charged with murder**, Jan 25, 2018. [jonrappoport.wordpress.com/2018/01/25/why-the-fda-should-be-charged-with-murder-2/](http://jonrappoport.wordpress.com/2018/01/25/why-the-fda-should-be-charged-with-murder-2/)
- <sup>891</sup> **New Harvard study reveals Institutional Corruption of Pharmaceuticals and how FDA cannot be trusted with public safety**, 2017. [seattleorganicrestaurants.com/vegan-whole-food/institutional-corruption-of-pharmaceuticals-how-FDA-cannot-be-trusted-with-public-safety.php](http://seattleorganicrestaurants.com/vegan-whole-food/institutional-corruption-of-pharmaceuticals-how-FDA-cannot-be-trusted-with-public-safety.php)
- <sup>892</sup> ANH-USA, **FDA: All Homeopathic Drugs Illegal**, Jan 18, 2018. [healthimpactnews.com/2018/fda-declares-all-homeopathic-drugs-illegal-threatening-remedies-for-millions-of-americans/](http://healthimpactnews.com/2018/fda-declares-all-homeopathic-drugs-illegal-threatening-remedies-for-millions-of-americans/)
- <sup>893</sup> Josh Hafner, **FDA plans crackdown on homeopathic drugs aimed at infants, cancer patients**, Dec 19, 2017. [usatoday.com/story/news/nation-now/2017/12/19/fda-plans-crackdown-homeopathic-drugs-aimed-children-cancer/964494001/](http://usatoday.com/story/news/nation-now/2017/12/19/fda-plans-crackdown-homeopathic-drugs-aimed-children-cancer/964494001/)
- <sup>894</sup> Fateh Malik, **The FDA Just Outlawed CBDs and Hemp Oil Extracts by Claiming all Plant Molecules Now Belong Exclusively to Big Pharma**, Jan 29, 2018. [ushealthtimes.com/the-fda-just-outlawed-cbd-and-hemp-oil-extracts-by-claiming-all-plant-molecules-now-belong-exclusively-to-big-pharma/](http://ushealthtimes.com/the-fda-just-outlawed-cbd-and-hemp-oil-extracts-by-claiming-all-plant-molecules-now-belong-exclusively-to-big-pharma/)

- 
- <sup>895</sup> **Statement from FDA Commissioner Scott Gottlieb, M.D. on FDA advisory about deadly risks associated with kratom**, Nov 14, 2017. [fda.gov/NewsEvents/Newsroom/PressAnnouncements/ucm584970.htm](https://www.fda.gov/NewsEvents/Newsroom/PressAnnouncements/ucm584970.htm)
- <sup>896</sup> Lyndon Reys, **What is Kratom: An Introduction to this Powerful Plant**, [kratomonline.org/kratom/](https://kratomonline.org/kratom/)
- <sup>897</sup> **Widespread Opposition of FDA Expansion on Electroshocking Children**, September 2, 2017. [healthimpactnews.com/2017/widespread-opposition-of-fda-expansion-on-electroshocking-children/](https://healthimpactnews.com/2017/widespread-opposition-of-fda-expansion-on-electroshocking-children/)
- <sup>898</sup> Citizens Commission on Human Rights International, **Protesters at Psychiatric Conference Want Ban on Electroshock Treatment Torturing Children**, May 9, 2018. [healthimpactnews.com/2018/protesters-at-psychiatric-conference-want-ban-on-electroshock-treatment-torturing-children/](https://healthimpactnews.com/2018/protesters-at-psychiatric-conference-want-ban-on-electroshock-treatment-torturing-children/)
- <sup>899</sup> B.N. Frank, **FDA Approves Low-Level Electrical Pulse Forehead Patch to Be Worn by Children Ages 7-12 with ADHD While They Are Sleeping**, Apr 20, 2019. [activistpost.com/2019/04/fda-approves-low-level-electrical-pulse-forehead-patch-to-be-worn-by-children-ages-7-12-with-adhd-while-they-are-sleeping.html](https://activistpost.com/2019/04/fda-approves-low-level-electrical-pulse-forehead-patch-to-be-worn-by-children-ages-7-12-with-adhd-while-they-are-sleeping.html) citing T. Axelrod, **FDA gives green light to first medical device to treat ADHD in children**, Apr 20, 2019, [thehill.com/policy/healthcare/439836-fda-gives-green-light-to-first-medical-device-to-treat-adhd-in-children](https://thehill.com/policy/healthcare/439836-fda-gives-green-light-to-first-medical-device-to-treat-adhd-in-children)
- <sup>900</sup> T. Axelrod, **FDA gives green light to first medical device to treat ADHD in children**, The Hill, Apr 20, 2019, [thehill.com/policy/healthcare/439836-fda-gives-green-light-to-first-medical-device-to-treat-adhd-in-children](https://thehill.com/policy/healthcare/439836-fda-gives-green-light-to-first-medical-device-to-treat-adhd-in-children)
- <sup>901</sup> Collective Evolution, **Another Side of The Music Industry: Monarch Mind Control**, Oct 8, 2013 [collective-evolution.com/2013/10/08/monarch-mind-control-popular-music/](https://collective-evolution.com/2013/10/08/monarch-mind-control-popular-music/)
- <sup>902</sup> Steven Ertelt, **FDA Purchases Aborted Baby Parts to Transplant Their Brain Tissue into Mice**, Aug 7, 2018. [lifeneews.com/2018/08/07/fda-purchases-aborted-baby-parts-to-transplant-their-brain-tissue-into-mice/](https://lifeneews.com/2018/08/07/fda-purchases-aborted-baby-parts-to-transplant-their-brain-tissue-into-mice/)
- <sup>903</sup> M. Fox, **Mice get human brain cells and get smarter, too**, Mar 7, 2013. [nbcnews.com/health/health-news/mice-get-human-brain-cells-get-smarter-too-fina1C8749170](https://www.nbcnews.com/health/health-news/mice-get-human-brain-cells-get-smarter-too-fina1C8749170)
- <sup>904</sup> H. Flor and N. Birbaumer **Fear Conditioning**, 2001, *International Encyclopedia of the Social & Behavioral Sciences*, as posted in *Progress in Brain Research*, 2013. [sciencedirect.com/topics/neuroscience/fear-conditioning](https://www.sciencedirect.com/topics/neuroscience/fear-conditioning)
- <sup>905</sup> Steven Ertelt, **FDA Purchases Aborted Baby Parts to Transplant Their Brain Tissue Into Mice**, Aug 7, 2018. [lifeneews.com/2018/08/07/fda-purchases-aborted-baby-parts-to-transplant-their-brain-tissue-into-mice/](https://lifeneews.com/2018/08/07/fda-purchases-aborted-baby-parts-to-transplant-their-brain-tissue-into-mice/) citing Rebecca Taylor, **Where Do the Body Parts of Aborted Babies End Up? Scientists Transplant Their Brain Tissue Into Mice**, Aug 5, 2015, [lifeneews.com/2015/08/05/where-do-the-body-parts-of-aborted-babies-end-up-scientists-transplant-their-brain-tissue-into-mice/](https://lifeneews.com/2015/08/05/where-do-the-body-parts-of-aborted-babies-end-up-scientists-transplant-their-brain-tissue-into-mice/) and M.S. Windrem, et al., A

---

**Competitive Advantage by Neonatally Engrafted Human Glial Progenitors Yields Mice Whose Brains Are Chimeric for Human Glia**, *J. Neurosci*, Nov 26, 2014, Vol 34(48): 16153–16161, [ncbi.nlm.nih.gov/pmc/articles/PMC4244478/](https://pubmed.ncbi.nlm.nih.gov/pmc/articles/PMC4244478/)

<sup>906</sup> John Vibes, **US Gov't Killed Thousands of Kittens Then Fed Them to Other Cats in Twisted Experiment**, Mar 22, 2019. [blacklistednews.com/article/71736/us-govt-killed-thousands-of-kittens-then-fed-them-to-other-cats-in-twisted.html](https://blacklistednews.com/article/71736/us-govt-killed-thousands-of-kittens-then-fed-them-to-other-cats-in-twisted.html) citing Dareh Gregorian, **Cat cannibalism: Report discloses 'questionable' gov't animal experiments**, Mar 19, 2019, [nbcnews.com/politics/politics-news/cat-cannibalism-report-discloses-questionable-gov-t-animal-experiments-n984546](https://www.nbcnews.com/politics/politics-news/cat-cannibalism-report-discloses-questionable-gov-t-animal-experiments-n984546)

<sup>907</sup> John W. Whitehead, **Human Lab Rats: The U.S. Government's Secret History Of Grisly Experiments**, Apr 21, 2020, [naturalblaze.com/2020/04/human-lab-rats-the-u-s-governments-secret-history-of-grisly-experiments.html](https://naturalblaze.com/2020/04/human-lab-rats-the-u-s-governments-secret-history-of-grisly-experiments.html) citing Donovan Slack, **VA: Fatal dog experiments moving ahead despite criticism from Congress, veterans groups**, Nov 1, 2018, [usatoday.com/story/news/politics/2018/11/01/veterans-affairs-fatal-dog-research-paralysis/1826889002/](https://usatoday.com/story/news/politics/2018/11/01/veterans-affairs-fatal-dog-research-paralysis/1826889002/) and Karin Bruliard, **A US Government Agency Has Doubled Down on Running Controversial Experiments on Dogs**, Nov 13, 2018. [sciencealert.com/veterans-affairs-will-continue-controversial-experiments-on-dogs](https://sciencealert.com/veterans-affairs-will-continue-controversial-experiments-on-dogs)

<sup>908</sup> **Pros and Cons/Animal Testing**, [vitaeducation.org/wp-content/uploads/Animal-Testing.pdf](https://vitaeducation.org/wp-content/uploads/Animal-Testing.pdf)

<sup>909</sup> Donovan Slack, **VA: Fatal dog experiments moving ahead despite criticism from Congress, veterans groups**, Nov 1, 2018. [usatoday.com/story/news/politics/2018/11/01/veterans-affairs-fatal-dog-research-paralysis/1826889002/](https://usatoday.com/story/news/politics/2018/11/01/veterans-affairs-fatal-dog-research-paralysis/1826889002/)

<sup>910</sup> Kelli, **FDA buys 'fresh' aborted body parts from company referred for criminal charges**, Aug 7, 2018. [liveaction.org/news/fda-fresh-aborted-criminal-charges/](https://liveaction.org/news/fda-fresh-aborted-criminal-charges/)

<sup>911</sup> Anti-Everything, **FDA - A Crime Against Humanity**, 12160 Social Network, 12160.info, Mar 31, 2016. [12160.info/profiles/blogs/fda-a-crime-against-humanity](https://12160.info/profiles/blogs/fda-a-crime-against-humanity)

<sup>912</sup> George L. Carlo, PhD, MS, JD, and R.S. Jenrow., **Scientific Progress - Wireless Phones and Brain Cancer: Current State of the Science**, *Medscape General Medicine*, 2000, Vol 2(2). [medscape.com/viewarticle/408066\\_1](https://www.medscape.com/viewarticle/408066_1), citing Applications for FDA Approval to market a new drug or antibiotic drug, 1992, 21 CFR 314.126.

<sup>913</sup> John Eggerton, **FCC Retains RF Emission Standards**, Dec 5, 2019. [multichannel.com/news/fcc-to-retain-rf-emission-standards](https://multichannel.com/news/fcc-to-retain-rf-emission-standards)

<sup>914</sup> **FDA, Radiation-Emitting Products**, [fda.gov/Radiation-EmittingProducts/RadiationEmittingProductsandProcedures/HomeBusinessandEntertainment/CellPhones/ucm2005929.htm](https://www.fda.gov/Radiation-EmittingProducts/RadiationEmittingProductsandProcedures/HomeBusinessandEntertainment/CellPhones/ucm2005929.htm)

<sup>915</sup> **Chairman Pai Poses to Maintain Current Radiofrequency Exposure Safety Standards**, *FCC News*, Aug 8, 2019. [docs.fcc.gov/public/attachments/DOC-358968A1.pdf](https://www.fcc.gov/public/attachments/DOC-358968A1.pdf)

---

<sup>916</sup> M.A. Barnewall, **5G: A Plan To Depopulate Earth?**, Jun 2, 2019.  
[newswithviews.com/5g-a-plan-to-depopulate-earth/](https://newswithviews.com/5g-a-plan-to-depopulate-earth/)

<sup>917</sup> Julie Powers, **Risks From Ultrasound Therapy**, [leaf.tv/articles/risks-from-ultrasound-therapy/](https://leaf.tv/articles/risks-from-ultrasound-therapy/)

<sup>918</sup> Dr. Carol Phillips, **Ultrasound Research**, Nov 28, 2012, [youtu.be/-8szqgtX\\_GQ](https://youtu.be/-8szqgtX_GQ) showing video footage from **Fetal Effects of Ultrasound: A Growing Controversy**, aired on Cable News Network in 1993 after the research findings were reported in the Journal of Nurse Midwifery.

<sup>919</sup> R.M. Moore, et al., **The Relationship of Birth Weight and Intrauterine Diagnostic Ultrasound Exposure**, *Obstetrics and Gynecology*, Apr 1988, Vol. 71(4):513-517.

<sup>920</sup> H.D. Stewart, et al., 1985, citing D.B. Rivers, et al., **Changes in the rate of development of chick embryos subject to diagnostic pulsed ultrasound**, *Proc 17<sup>th</sup> Ann Meeting of Am Inst Ultrasound in Med*, 1972, p 20.

<sup>921</sup> H.D. Stewart, et al., 1985, citing M. Tachibana, **The present status of the safety of ultrasonic diagnosis in the area of obstetrics – the effect of ultrasound irradiation on pregnant mice as indicated in their fetuses**, *Jpn J Med Ultrason*, 1974, Vol 4: 279-283.

<sup>922</sup> H.D. Stewart, et al., 1985, citing A. Muranaka, et al., **Effects of ultrasound on embryonic development and fetal growth in mice**, *Teratology*, 1974, Vol 10, p 91.

<sup>923</sup> H.D. Stewart, et al., 1985, citing S.M. Mannor, **The Safety of Ultrasound in Fetal Monitoring**, *Am J Obstet Gynecol*, 1972, Vol 113: 653-661.

<sup>924</sup> H.D. Stewart, et al., 1985, citing N. Akamatsu, et al., **Ultrasound irradiation effects on pre-implantation embryos**, *Acta Obstet Gynaecol Jpn*, 1981, Vol 33: 969-978; **The effects of pulsed ultrasound on pre-implantation embryos**, *Special Edition: Studies on the Safety of Pulsed Ultrasound in the Diagnosis of the Fetus During Pregnancy*, 1981, Vol 8: 267-270.

<sup>925</sup> H.D. Stewart, et al., 1985, citing F.J. Fry et al., **Ultrasonic toxicity study**, *Ultrasound Med Biol*, 1978, Vol 3: 351-366.

<sup>926</sup> H.D. Stewart, et al., 1985, citing E.A. Lyons, et al., **Followup study in children exposed to ultrasound in utero – analysis of height and weight in first six years of life**, in *Proceedings of 28<sup>th</sup> Annual Convention, American Institute of Ultrasound in Medicine*, Sep 15-19, 1980, Vol 49. (Also see “Bioeffect brouhaha,” AIUM bioeffects panel discussion, in *Diagnostic Imaging*, Dec 1963: 60-63).

<sup>927</sup> H.D. Stewart, et al., 1985, citing R.M. Moore, **Effects of sonic radiation on growth and development**, *Am J Epidemiology*, 1982, Vol 116: 571.

<sup>928</sup> H.D. Stewart, et al., 1985, citing E.L. Diamond, **FDA Contract Report on Assessment of Ultrasound Exposure During Gestation and Neonatal Growth**, FDA Contract No. 223-83-6023, John Hopkins University, Feb 1985.

---

<sup>929</sup> W.D. O'Brien, Jr., **Ultrasonically Induced Fetal Weight Reduction in Mice**, *Ultrasound in Medicine* (Book), 1976, Vol 2: 531-532.

<sup>930</sup> **Ultrasound from Conception to 10+0 Weeks of Gestation**, *Royal College of Obstetricians & Gynecologists*, Scientific Impact Paper No. 49, Mar 2015, p 5.

[rcog.org.uk/globalassets/documents/guidelines/scientific-impact-papers/sip-49.pdf](http://rcog.org.uk/globalassets/documents/guidelines/scientific-impact-papers/sip-49.pdf)

citing S. J. Stolzenberg, et al., **Toxic effects of ultrasound in mice: damage to central and autonomic nervous systems**, *Toxicol Appl Pharmacol*, 1980, Vol 53: 432–438.

<sup>931</sup> D.J. Pizzarello, et al., **Effect of Pulsed Low-Power Ultrasound on Growing Tissues – I. Developing Mammalian and Insect Tissue**, 1978, *Expt Cell Biol*, Vol 46: 179-191.

<sup>932</sup> Chris Kresser, **“Natural childbirth IIb: ultrasound not as safe as commonly thought,”**

Health for the 21<sup>st</sup> Century, [chriskresser.com/natural-childbirth-ii-b-ultrasound-not-as-safe-as-commonly-thought](http://chriskresser.com/natural-childbirth-ii-b-ultrasound-not-as-safe-as-commonly-thought) citing S. Evans, et al, **Characterisation of the possible effect on birthweight following frequent prenatal ultrasound examinations**, *Early Hum Dev*, Jul 19, 1996, Vol 45(3): 203-214. [ncbi.nlm.nih.gov/pubmed/8855394](http://ncbi.nlm.nih.gov/pubmed/8855394)

<sup>933</sup> West, Jim. **Ultrasound Causation for Microcephaly and Zika Virus, The Hypothesis (Part A)**, Kindle Locations 854-858. harvoa. Kindle Edition citing J.P. Newnham, et al, **Effects of Frequent Ultrasound During Pregnancy: A Randomized Controlled Trial**, *The Lancet*, Oct.9, 1993, Vol. 342: 887-891.

<sup>934</sup> Jennifer Margulis, **Are Ultrasounds Causing Autism in Unborn Babies?**, Apr 29, 2013, [thedailybeast.com/witw/articles/2013/04/29/are-ultrasounds-causing-autism-in-unborn-babies.html](http://thedailybeast.com/witw/articles/2013/04/29/are-ultrasounds-causing-autism-in-unborn-babies.html)

<sup>935</sup> L.M. Kinnier Wilson, **Obstetric Ultrasound and Childhood Malignancies**, *The Lancet*, Nov 3, 1984 citing ME Stratmeyer, **Research in Ultrasound Bioeffects: A Public Health View**, *Birth Fam J*, 1980, Vol 7: 92-100.

<sup>936</sup> International Programme on Chemical Safety, **Environmental Health Criteria 22: Ultrasound**, World Health Organization, 1982.

[inchem.org/documents/ehc/ehc/ehc22.htm](http://inchem.org/documents/ehc/ehc/ehc22.htm)

<sup>937</sup> **Fetal Sonograms Safe?**, Jun 19, 2014.

[facebook.com/WeNeedSaferSonography/posts/544167595706471](https://facebook.com/WeNeedSaferSonography/posts/544167595706471) citing MP Hande, **Teratogenic effects of repeated exposures to X-rays and/or ultrasound in mice**, *Neurotoxicol Teratol*, Mar-Apr, 1995, Vol. 17(2): 179-188.

<sup>938</sup> C Rodgers, **Questions about Prenatal Ultrasound and the Alarming Increase in Autism**, *Midwifery Today*, Issue 80, 2006, [midwiferytoday.com/articles/ultrasoundrodgers.asp](http://midwiferytoday.com/articles/ultrasoundrodgers.asp) citing **International Programme on Chemical Safety, Environmental Health Criteria 22. Ultrasound**, United Nations Environment Programme, International Labour Organisation and International Radiation Protection Association, 1982,

[inchem.org/documents/ehc/ehc/ehc22.htm](http://inchem.org/documents/ehc/ehc/ehc22.htm) and **Diagnostic Ultrasound Imaging in Pregnancy**, National Institutes of Health Consensus Statement Online. 5(1): 1–16, and Rados, Carol, **FDA Cautions Against Ultrasound “Keepsake” Images**, *FDA Consumer Magazine*, 2004. [fda.gov/fdac/features/2004/104\\_images.html](http://fda.gov/fdac/features/2004/104_images.html)

---

<sup>939</sup> Beverley Lawrence Beech, **Ultrasound: Weighing the Propaganda Against the Facts**, *Midwifery Today*, Autumn 1999, Issue 51, [midwiferytoday.com/mt-articles/ultrasound-weighing-propaganda-facts/](http://midwiferytoday.com/mt-articles/ultrasound-weighing-propaganda-facts/)

<sup>940</sup> A.F. Tarantal, et al., **Evaluation of the Bioeffects of Prenatal Ultrasound Exposure in the Cynomolgus Macaque (*Macaca fascicularis*): III. Developmental and Hematologic Studies**, 1993, *Teratology*, Vol 47: 159-170.

<sup>941</sup> *ibid*

<sup>942</sup> *ibid*

<sup>943</sup> K.A. Curto, **Early Postpartum Mortality Following Ultrasound Radiation**, Division of Biological Effects, Bureau of Biological Health, Food and Drug Administration, Rockville, MD.

<sup>944</sup> See JA Davies, et al, **Randomised controlled trial of Doppler ultrasound screening of placental perfusion during pregnancy**, *Lancet*, 1992, Vol 340(8831): 1299-303, and Saari-Kemppainen et al., **Ultrasound screening and perinatal mortality: controlled trial of systematic one-stage screening in pregnancy**, *The Lancet*, 1990, Vol. 336, pp 387–91, and Alley Apple Tree, **An Ultrasound (may have) Killed My Baby**, Dec. 17, 2014. [youtu.be/fd8yhZRqFjl](https://youtu.be/fd8yhZRqFjl), and **Scans linked to baby deaths**, What Doctors Don't Tell You, Feb. 1, 1993. [wddty.com/news/1993/02/scans-linked-to-baby-deaths.html](http://wddty.com/news/1993/02/scans-linked-to-baby-deaths.html)

<sup>945</sup> **Diagnostic Ultrasound Imaging in Pregnancy**, Report of a Consensus Development Conference Sponsored by the National Institute of Child Health and Human Development, the Office of Medical Applications of Research, the Division of Research Resources, and the Food and Drug Administration, February 6-8, 1984, National Institutes of Health, Bethesda, Maryland. U.S. Dep't of Health and Human Services, Public Health Service, National Institutes of Health, NIH Publication No. 84-667, pp 44-48. [babel.hathitrust.org/cgi/pt?id=pur1.32754079149757;view=1up;seq=48](http://babel.hathitrust.org/cgi/pt?id=pur1.32754079149757;view=1up;seq=48) citing R. Shoji, et al., **An Experimental Study on the Effect of Low-Intensity Ultrasound on Developing Mouse Embryos**, *J Faculty Science*, 1971, Hokkaido University, Series VI, Zoology, Volume 18, pp 51-56 and R. Shoji, et al., **Experimental Studies on the Effect of Ultrasound on Mouse Embryos**, *Teratology*, 1972, Volume 6, p 119, and T. Shimizu, **An Experimental Safety Study of Mice Exposed to Low Intensity Ultrasound**, 1973, Abstract No. 61, p 18, presented at the 2<sup>nd</sup> World Congress on Ultrasonics in Medicine, No, 277, The Netherlands, Amsterdam, *Excerpta Medica*, and R. Shoji, et al., **Influence of Low Intensity Ultrasonic Irradiation on Prenatal Development of Two Inbred Mouse Strains**, *Teratology*, 1975, Vol 12: 227-232.

<sup>946</sup> M.R. Sikov, et al., **Stage Dependence of Ultrasound-Induced Embryotoxicity in the Rat**, IEEE Transactions on Ultrasonics, Ferroelectrics and Frequency Control, March 1986. Vol. UFFC-33(2).

<sup>947</sup> Marsden Wagner, **Ultrasound: More Harm than Good?**, *Midwifery Today*, Summer 1999, Issue 50. [midwiferytoday.com/articles/ultrasoundwagner.asp](http://midwiferytoday.com/articles/ultrasoundwagner.asp)

---

<sup>948</sup> Jim West, **Ultrasound Causation for Microcephaly and Zika Virus, The Hypothesis (Part A)**, (Kindle Locations 774-775). harvoa. Kindle Edition. *The graph was rendered from data presented in an article by Shirley Wang in The Wall Street Journal (1/22/2010).*  
[tinyurl.com/ydsndspv](http://tinyurl.com/ydsndspv)

<sup>949</sup> Sayer Ji, **'Evidence-Based' Medicine: A Coin's Flip Worth of Certainty**, Sep 28, 2018.  
[greenmedinfo.com/blog/evidence-based-medicine-coins-flip-worth-certainty](http://greenmedinfo.com/blog/evidence-based-medicine-coins-flip-worth-certainty)

<sup>950</sup> Brian Shilhavy, **The End of Scientific Integrity? Cochrane Collaboration Expels Critic of Big Pharma – 4 Other Board Members Resign**, Sep 16, 2018.  
[healthimpactnews.com/2018/the-end-of-scientific-integrity-cochrane-collaboration-expels-critic-of-big-pharma-4-other-board-members-resign/](http://healthimpactnews.com/2018/the-end-of-scientific-integrity-cochrane-collaboration-expels-critic-of-big-pharma-4-other-board-members-resign/)

<sup>951</sup> Gavin Nascimento, **Scientific Bullsh\*t – How 'Science' is Used to Deceive the Public**, Sep 20, 2018. [wakingtimes.com/2018/09/20/scientific-bullsht-how-science-is-used-to-deceive-the-public/](http://wakingtimes.com/2018/09/20/scientific-bullsht-how-science-is-used-to-deceive-the-public/)

<sup>952</sup> Tricia E. Wright, M.D., **Study of Ultrasound to Increase Parental Bonding in Women With Substance Use Disorders**, Jun 6, 2014.  
[clinicaltrials.gov/ct2/show/study/NCT02158429](http://clinicaltrials.gov/ct2/show/study/NCT02158429)

<sup>953</sup> Dr. Paul Heroux, Interview with Josh del Sol, The 5G Summit, Aug 26, 2019.  
[the5gsummit.com/expert/paul-heroux/](http://the5gsummit.com/expert/paul-heroux/)

<sup>954</sup> Floyd Dunn, Ph.D., **Physical Mechanisms of the Action of Intense Ultrasound on Tissue**, *Amer J. Phys. Med.*, 1958, Vol 37:148-151.

<sup>955</sup> H. Shankar, M.B.B.S., et al., **Potential Adverse Ultrasound-related Biological Effects: A Critical Review**, *Anesthesiology*, Nov 2011, Vol 115: 1109-1124.  
[anesthesiology.pubs.asahq.org/Article.aspx?articleid=1934478](http://anesthesiology.pubs.asahq.org/Article.aspx?articleid=1934478) citing M.J. Fry, et al., **Physical factors involved in ultrasonically induced changes in living systems: I. Identification of non-temperature effects**, *J Acoust Soc Am*, 1950, Vol 22: 867–76 and E.N. Harvey, **Biological effects of ultrasonic waves: A general survey**, *Biol Bull*, 1930, Vol 59: 306–25.

<sup>956</sup> W.J. Fay, et al., **Physical Factors Involved in Ultrasonically-Induced Changes in Living Systems: I. Identification of Non-Temperature Effects**, *The Journal of the Acoustical Society of America*, Nov 1950, Vol 22(6): 867-876.

<sup>957</sup> Floyd Dunn, Ph.D., **Physical Mechanisms of the Action of Intense Ultrasound on Tissue**, *Amer J. Phys. Med.*, 1958, Vol 37: 148-151.

<sup>958</sup> S.J. Stolzenberg, et al., **Toxic effects of ultrasound in mice: Damage to central and autonomic nervous systems**, *Toxicology and Applied Pharmacology*, May 1980, Vol 53(3): 432-438. [sciencedirect.com/science/article/pii/0041008X80903567](http://sciencedirect.com/science/article/pii/0041008X80903567)

<sup>959</sup> M.H. Ellisman, et al., **Diagnostic levels of Ultrasound May Disrupt Myelination**, *Experimental Neurology*, 1987, Vol 98:78-92.

- 
- <sup>960</sup> MJ Edwards, et al., **Effects of heat on embryos and fetuses**, *Int J Hyperthermia*, May-June 2003, Vol 19(3): 295-324.
- <sup>961</sup> Robert W. Felix, **Magentic Reversals and Evolutionary Leaps**, Sugarhouse Publishing, Bellevue, Washington, 2009, p 67.
- <sup>962</sup> International Programme on Chemical Safety, **Environmental Health Criteria 22: Ultrasound**, World Health Organization, 1982.  
[inchem.org/documents/ehc/ehc/ehc22.htm](http://inchem.org/documents/ehc/ehc/ehc22.htm)
- <sup>963</sup> **Frequent Ultrasound Exposure Has Been Associated with Lower Birthweight Due to Possible Skeletal Growth Restriction**, [greenmedinfo.com/article/frequent-ultrasound-exposure-has-been-associated-lower-birthweight-due-possible-skeletal](http://greenmedinfo.com/article/frequent-ultrasound-exposure-has-been-associated-lower-birthweight-due-possible-skeletal) citing S. Evans, et al., **Characterisation of the possible effect on birthweight following frequent prenatal ultrasound examinations**, *Early Hum Dev*, Jul 19, 1996, Vol 45(3): 203-14.
- <sup>964</sup> Katherine Poehlmann, PhD and Karl Poehlmann, **Ultrasound: Weighing the Propaganda Against The Truth**, [ra-infection-connection.com/Ultrasound\\_Unsound.htm](http://ra-infection-connection.com/Ultrasound_Unsound.htm)
- <sup>965</sup> P. Wang et al., **Low-intensity ultrasound-induced cellular destruction and autophagy of nasopharyngeal carcinoma cells**, *Experimental and Therapeutic Medicine*, Jul 1, 2011, Vol. 2(5):849-852. [spandidos-publications.com/etm/2/5/849](http://spandidos-publications.com/etm/2/5/849)
- <sup>966</sup> C. Mandò, **Placental mitochondrial content and function in intrauterine growth restriction and preeclampsia**, *American Journal of Physiology - Endocrinology and Metabolism*, Feb. 2014, Vol. 306(4): E404-E413.  
[physiology.org/doi/abs/10.1152/ajpendo.00426.2013](http://physiology.org/doi/abs/10.1152/ajpendo.00426.2013)
- <sup>967</sup> **The Effects of Radioactivity on Pregnancy**, Jul 13, 2011.  
[physioassignment.blogspot.com/2011/07/effects-of-radioactivity-on-pregnancy.html](http://physioassignment.blogspot.com/2011/07/effects-of-radioactivity-on-pregnancy.html)
- <sup>968</sup> Andreas Moritz, **The Risks of Ultrasound Scans for the Mother and the Unborn Child**, Book excerpt: *Timeless Secrets of Health & Rejuvenation*, [ener-chi.com/the-risks-of-ultrasound-scans-for-the-mother-and-the-unborn-child/](http://ener-chi.com/the-risks-of-ultrasound-scans-for-the-mother-and-the-unborn-child/)
- <sup>969</sup> Neilson JP. **"Ultrasound for fetal assessment in early pregnancy,"** *Cochrane Database Syst Rev*, 2000(2):CD000182.
- <sup>970</sup> Sarah, **Pregnancy Vlog Week 24, Adverse Effects of Doppler and Ultrasound**, Jan 2, 2017. [healthbysarah.com/pregnancy-vlog-week-24-adverse-effects-of-Doppler-and-ultrasound/](http://healthbysarah.com/pregnancy-vlog-week-24-adverse-effects-of-Doppler-and-ultrasound/)
- <sup>971</sup> Marsden Wagner, **Ultrasound: More Harm than Good?**, *Midwifery Today*, Summer 1999, Issue 50. [midwiferytoday.com/articles/ultrasoundwagner.asp](http://midwiferytoday.com/articles/ultrasoundwagner.asp)
- <sup>972</sup> Beverly Lawrence Beech, **Ultrasound: Weighing the Propaganda Against the Facts**, *Midwifery Today*, Autumn 1999, Issue 51, [midwiferytoday.com/articles/ultrasound.asp](http://midwiferytoday.com/articles/ultrasound.asp) citing J.P. Newnham, MD, et al., **Effects of frequent ultrasound during pregnancy: a randomised controlled trial**, *The Lancet*, Oct 1993, Vol 342(8876): 887-891.  
[thelancet.com/journals/lancet/article/PII0140-6736\(93\)91944-H/abstract](http://thelancet.com/journals/lancet/article/PII0140-6736(93)91944-H/abstract)



---

<sup>973</sup> *ibid*

<sup>974</sup> Comment by “Wanna Make a Baby,” I’m 33 weeks, got some unpleasant news at the ultrasound today. Support, stories, encouragement please? [maybe trigger], Sep 2, 2015. [reddit.com/r/BabyBumps/comments/3ah3zn/im\\_33\\_weeks\\_got\\_some\\_unpleasant\\_news\\_at\\_the/](https://www.reddit.com/r/BabyBumps/comments/3ah3zn/im_33_weeks_got_some_unpleasant_news_at_the/)

<sup>975</sup> Beverley A. Lawrence Beech, **Ultrasound – They Mythology of a Safe and Painless Technology**, Paper presented to the Royal Society of Medicine, Oct 3, 1995. [aims.org.uk/OccasionalPapers/ultrasoundTheMyth.pdf](https://www.aims.org.uk/OccasionalPapers/ultrasoundTheMyth.pdf)

<sup>976</sup> Andreas Moritz, **The Risks of Ultrasound Scans for the Mother and the Unborn Child**, Book excerpt: *Timeless Secrets of Health & Rejuvenation*, [ener-chi.com/the-risks-of-ultrasound-scans-for-the-mother-and-the-unborn-child/](https://www.ener-chi.com/the-risks-of-ultrasound-scans-for-the-mother-and-the-unborn-child/)

<sup>977</sup> O’Mara, Peggy, **Prenatal Testing and Informed Consent**, *Mothering*. Sep/Oct2003, Issue 12: 38-46.

<sup>978</sup> Micaiah Bilger, **Doctors Told Mom to Abort Baby With Terminal Condition, She Refused and Her Daughter is Healthy**, Dec 12, 2019. [lifenews.com/2019/12/12/doctors-told-mom-to-abort-baby-with-terminal-condition-she-refused-and-her-daughter-is-healthy/](https://www.lifenews.com/2019/12/12/doctors-told-mom-to-abort-baby-with-terminal-condition-she-refused-and-her-daughter-is-healthy/)

<sup>979</sup> Katrina C. Johnson, Ph.D., **The effects of maternal stress and anxiety during pregnancy**, Maternal Substance Abuse and Child Development Project, Emory University School of Medicine, [psychiatry.emory.edu/PROGRAMS/GADrug/Feature%20Articles/Mothers/The%20effect%20of%20maternal%20stress%20and%20anxiety%20during%20pregnancy%20\(mot07\).pdf](https://www.psychiatry.emory.edu/PROGRAMS/GADrug/Feature%20Articles/Mothers/The%20effect%20of%20maternal%20stress%20and%20anxiety%20during%20pregnancy%20(mot07).pdf)

<sup>980</sup> O’Mara, Peggy, **Prenatal Testing and Informed Consent**, *Mothering*. Sep/Oct2003, Issue 12:38-46.

<sup>981</sup> Beverley Lawrence Beech, **Ultrasound: Weighing the Propaganda Against the Facts**, *Midwifery Today*, Autumn 1999, Issue 51, [midwiferytoday.com/articles/ultrasound.asp](https://www.midwiferytoday.com/articles/ultrasound.asp) citing J.P. Newnham, MD, et al., **Effects of frequent ultrasound during pregnancy: a randomised controlled trial**, *The Lancet*, Oct 1993, Vol 342(8876): 887-891. [helancet.com/journals/lancet/article/PII0140-6736\(93\)91944-H/abstract](https://www.helancet.com/journals/lancet/article/PII0140-6736(93)91944-H/abstract)

<sup>982</sup> Peggy O’Mara, **Prenatal Testing and Informed Consent: Base Your Choices on the Evidence**, *Mothering*, Jan 2, 2010. [mothering.com/articles/prenatal-testing-and-informed-consent-base-your-choices-on-the-evidence/](https://www.mothering.com/articles/prenatal-testing-and-informed-consent-base-your-choices-on-the-evidence/) Originally published in *Mothering Magazine’s Having A Baby, Naturally: The Mothering Magazine Guide to Pregnancy and Childbirth*.

<sup>983</sup> Marsden Wagner, **Ultrasound: More Harm than Good?**, *Midwifery Today*, Summer 1999, Issue 50. [midwiferytoday.com/articles/ultrasoundwagner.asp](https://www.midwiferytoday.com/articles/ultrasoundwagner.asp)

---

<sup>984</sup> Laraleigh, Comment posted on the JustMommies forum on Mar 22 & 23, 2010. [justmommies.com/forums/f106-high-risk-pregnancy/1849771-abnormal-finding-brain-20-weeks-misdiagnosis-has-happened-to-you.html](http://justmommies.com/forums/f106-high-risk-pregnancy/1849771-abnormal-finding-brain-20-weeks-misdiagnosis-has-happened-to-you.html)

<sup>985</sup> erinpb, Comment posted on the JustMommies forum on Mar 22 & 23, 2010. [justmommies.com/forums/f106-high-risk-pregnancy/1849771-abnormal-finding-brain-20-weeks-misdiagnosis-has-happened-to-you.html](http://justmommies.com/forums/f106-high-risk-pregnancy/1849771-abnormal-finding-brain-20-weeks-misdiagnosis-has-happened-to-you.html)

<sup>986</sup> Shannon Behl, Facebook post in a group entitled “Home Birth – Assisted and Unassisted,” Dec 17, 2017. [facebook.com/groups/1271167396233711/permalink/1971763599507417/](https://facebook.com/groups/1271167396233711/permalink/1971763599507417/)

<sup>987</sup> Jim West, **Ultrasound Causation for Microcephaly and Zika Virus, The Hypothesis (Part A)**, (Kindle Location 1224). harvoa. Kindle Edition. [harvoa.org/chs/pr/dusbk2.htm](http://harvoa.org/chs/pr/dusbk2.htm)

<sup>988</sup> Wen-Yen Chai, et al., **Magnetic-Resonance Imaging for Kinetic Analysis of Permeability Changes during Focused Ultrasound-Induced Blood-brain Barrier Opening and Brain Drug Delivery**, *Journal of Controlled Release*, Oct 28, 2014, Vol 192: 1-9. [sciencedirect.com/science/article/pii/S0168365914004222](http://sciencedirect.com/science/article/pii/S0168365914004222)

<sup>989</sup> P. N. Adama Van Scheltema, et al., **Outcome of children with prenatally diagnosed central nervous system malformations**, *Ultrasound in Obstetrics and Gynecology*, Jan 2003, Vol 21(1): 41-47. [onlinelibrary.wiley.com/doi/10.1002/uog.6/full](http://onlinelibrary.wiley.com/doi/10.1002/uog.6/full)

<sup>990</sup> **Table Of Iatrogenic Deaths In The United States**, [ourcivilisation.com/medicine/usamed/deaths.htm](http://ourcivilisation.com/medicine/usamed/deaths.htm)

<sup>991</sup> P. N. Adama Van Scheltema, et al., **Outcome of children with prenatally diagnosed central nervous system malformations**, *Ultrasound in Obstetrics and Gynecology*, Jan 2003, Vol 21(1): 41-47. [onlinelibrary.wiley.com/doi/10.1002/uog.6/full](http://onlinelibrary.wiley.com/doi/10.1002/uog.6/full)

<sup>992</sup> Andreas Moritz, **The Risks of Ultrasound Scans for the Mother and the Unborn Child**, Book excerpt: *Timeless Secrets of Health & Rejuvenation*, [ener-chi.com/the-risks-of-ultrasound-scans-for-the-mother-and-the-unborn-child/](http://ener-chi.com/the-risks-of-ultrasound-scans-for-the-mother-and-the-unborn-child/)

<sup>993</sup> Kelly Brogan, MD, **Perils of Peeking into the Womb: Ultrasound Risks**, 2016. [kellybroganmd.com/ultrasound-risks-perils-of-peeking-into-the-womb/](http://kellybroganmd.com/ultrasound-risks-perils-of-peeking-into-the-womb/)

<sup>994</sup> J.P. Neilson, **Ultrasound for fetal assessment in early pregnancy**, *Cochrane Database Syst Rev.*, 2000;(2):CD000182, [ncbi.nlm.nih.gov/pubmed/10796174](http://ncbi.nlm.nih.gov/pubmed/10796174)

<sup>995</sup> **3D-4D Baby Bonding Scan**, [thescanclinic.co.uk/pregnancy-ultrasound-scans/3d-4d-baby-bonding-scan](http://thescanclinic.co.uk/pregnancy-ultrasound-scans/3d-4d-baby-bonding-scan)

<sup>996</sup> **Private Ultrasound Babybond® Pregnancy Scans**, [ultrasound-direct.com/babybond-pregnancy-scans/](http://ultrasound-direct.com/babybond-pregnancy-scans/)

<sup>997</sup> J. W. Sparling, et al., **The relationship of obstetric ultrasound to parent and infant behavior**, *Obstet Gynecol*, 1988, Vol 72(6): 902-7.

---

<sup>998</sup> Judith Lumley, **Through a Glass Darkly: Ultrasound and Prenatal Bonding**, *Birth*, Dec 1, 1990, Vol 17(4), [deepdyve.com/lp/wiley/through-a-glass-darkly-ultrasound-and-prenatal-bonding-BUV0RMpJA6](https://deepdyve.com/lp/wiley/through-a-glass-darkly-ultrasound-and-prenatal-bonding-BUV0RMpJA6) citing C.W. Lerum, et al., **The Relationship of Maternal Age, Quickening, and Physical Symptoms of Pregnancy to the Development of Maternal-Fetal Attachment**, *Birth*, 1989, Vol 16: 13-17.

<sup>999</sup> *ibid*

<sup>1000</sup> Thomas Cowan, MD., *Cancer and the New Biology of Water*, Chelsea Green Publishing, White Rose Junction, VT, 2019.

<sup>1001</sup> Basil Palmer, CEO of Stalker Hutchison Admiral, South Africa's leading liability underwriters, as quoted in Karl M. Muller's submission to the High Court of South Africa (Western Cape Division, Cape Town), Case No. 22414/2017, Aug 20, 2018, addressed to The Hon Patricia de Lille, Executive Mayor of Cape Town.

<sup>1002</sup> Freiburger Appeal, **International Doctors' Appeal 2012**. [freiburger-appell-2012.info/en/home.php](https://freiburger-appell-2012.info/en/home.php)

<sup>1003</sup> **Wireless Devices and Health Concerns**, Federal Communications Commission, [fcc.gov/consumers/guides/wireless-devices-and-health-concerns](https://fcc.gov/consumers/guides/wireless-devices-and-health-concerns)

<sup>1004</sup> **Do Cell Phones Pose a Health Hazard?**, U.S. Food & Drug Administration, [fda.gov/radiation-emitting-products/cell-phones/do-cell-phones-pose-health-hazard](https://fda.gov/radiation-emitting-products/cell-phones/do-cell-phones-pose-health-hazard)

<sup>1005</sup> William Broad, **The 5G Health Hazard That Isn't**, July 16, 2019. [nytimes.com/2019/07/16/science/5g-cellphones-wireless-cancer.html](https://nytimes.com/2019/07/16/science/5g-cellphones-wireless-cancer.html)

<sup>1006</sup> **Scientific Evidence for Cell Phone Safety**, [fda.gov/radiation-emitting-products/cell-phones/scientific-evidence-cell-phone-safety](https://fda.gov/radiation-emitting-products/cell-phones/scientific-evidence-cell-phone-safety)

<sup>1007</sup> Fiona Harvey, **The Wireless Revolution**, Britannica.com. [britannica.com/topic/Wireless-Revolution-The-879379](https://britannica.com/topic/Wireless-Revolution-The-879379)

<sup>1008</sup> **The Wireless Revolution in Medical Devices**, Medical Device Network, [medicaldevice-network.com/projects/wireless\\_revolution/](https://medicaldevice-network.com/projects/wireless_revolution/)

<sup>1009</sup> M. Hertzgaard and M. Dowie, **How Big Wireless Made Us Think That Cell Phones Are Safe: A Special Investigation**, Mar 29, 2018. [thenation.com/article/archive/how-big-wireless-made-us-think-that-cell-phones-are-safe-a-special-investigation/](https://thenation.com/article/archive/how-big-wireless-made-us-think-that-cell-phones-are-safe-a-special-investigation/)

<sup>1010</sup> **WiFi (wireless network)**, Seattle Public Schools, [seattleschools.org/departments/dots/support\\_training\\_forms/technology\\_service\\_catalog/pub\\_WiFi](https://seattleschools.org/departments/dots/support_training_forms/technology_service_catalog/pub_WiFi)

<sup>1011</sup> Selena Randhawa, **WiFi-equipped school buses help students get online**, CNN, Oct 31, 2017. [cnn.com/2017/10/31/tech/homework-gap/index.html](https://cnn.com/2017/10/31/tech/homework-gap/index.html)

- 
- <sup>1012</sup> **Cell Towers at Schools**, Center for Safer Wireless, [centerforsaferwireless.us/web/main/index.php/children/celltowers-at-schools](http://centerforsaferwireless.us/web/main/index.php/children/celltowers-at-schools)
- <sup>1013</sup> **Cell Tower Removed After 4th Ripon Student Diagnosed with Cancer**, Physicians for Safe Technology, Mar 25, 2019. [mdsafetech.org/2019/03/25/cell-tower-to-be-removed-after-4th-ripon-student-diagnosed-with-cancer/](http://mdsafetech.org/2019/03/25/cell-tower-to-be-removed-after-4th-ripon-student-diagnosed-with-cancer/)
- <sup>1014</sup> Wei-Jia Zhi, et al, **Recent advances in the effects of microwave radiation on brains**, *Military Med Res*, 2017, Vol 4:29. [mmrjournal.biomedcentral.com/articles/10.1186/s40779-017-0139-0](http://mmrjournal.biomedcentral.com/articles/10.1186/s40779-017-0139-0)
- <sup>1015</sup> L. Burrell, **New study links over 7,000 cancer deaths to cell phone tower radiation exposures**, Jun 22, 2013. [naturalnews.com/040905\\_cell\\_phone\\_towers\\_radiation\\_cancer.html](http://naturalnews.com/040905_cell_phone_towers_radiation_cancer.html)
- <sup>1016</sup> Isabel Wilke, **Biological and pathological effects of 2.45 GHz radiation on cells, fertility, brain, and behavior**, *umwelt · medizin · gesellschaft*, Vol 31, Jan 2018. [kompetenzinitiative.net/KIT/wp-content/uploads/2018/06/Wilke\\_2018\\_Review\\_2\\_45\\_GHz\\_Eng\\_df\\_END1.pdf](http://kompetenzinitiative.net/KIT/wp-content/uploads/2018/06/Wilke_2018_Review_2_45_GHz_Eng_df_END1.pdf)
- <sup>1017</sup> Nina Beety, **5G “epidemic” to hit Sacramento, also Los Angeles, Houston, Indianapolis**, SmartMeterHarm.org, Oct 25, 2018. [smartmeterharm.org/2018/11/12/5g-epidemic-to-hit-sacramento-also-los-angeles-houston-indianapolis/](http://smartmeterharm.org/2018/11/12/5g-epidemic-to-hit-sacramento-also-los-angeles-houston-indianapolis/)
- <sup>1018</sup> Karl Muller, **The Greatest Danger To This Planet, By Far**, Medium.com, Mar 14, 2018. [medium.com/@3DA0KM/the-greatest-danger-to-this-planet-by-far-19bf85ec2a9](http://medium.com/@3DA0KM/the-greatest-danger-to-this-planet-by-far-19bf85ec2a9)
- <sup>1019</sup> D. Liebeskind, M.D., et al., **Diagnostic Ultrasound: Effects on the DNA and Growth Patterns of Animal Cells**, *Radiology*, April 1979, Vol 131: 177-184
- <sup>1020</sup> Amy Worthington, **The Radiation Poisoning of America**, Oct 7, 2007, [rense.com/general78/rad.htm](http://rense.com/general78/rad.htm) citing an interview with Dr. Eckel published by Schwabischen Post 12-07-06. Find this interview at [heseproject.org](http://heseproject.org) . See "The Cell Nucleus is Mutating."
- <sup>1021</sup> **Mammals, Birds, Insects and Plants Harmed by Radiation Emanating from Wi-Fi, Cellphone Towers, Microwave Transmitters, etc.**, [radiationdangers.com/effects-on-nature/mammals-birds-insects-and-plants-harmed-by-radiation-emanating-from-wi-fi-cellphone-towers-microwave-transmitters-etc/](http://radiationdangers.com/effects-on-nature/mammals-birds-insects-and-plants-harmed-by-radiation-emanating-from-wi-fi-cellphone-towers-microwave-transmitters-etc/) citing Reynard Loke, **Our cellphone addiction is turning wireless tech into an invisible weapon that’s destroying wildlife**, Salon.com, Jul 14, 2018. [salon.com/2018/07/13/our-cellphone-addiction-is-turning-wireless-tech-into-an-invisible-weapon-that-is-destroying-wildlife\\_partner/](http://salon.com/2018/07/13/our-cellphone-addiction-is-turning-wireless-tech-into-an-invisible-weapon-that-is-destroying-wildlife_partner/)
- <sup>1022</sup> BC Center for Disease Control, **2016 Review: Radiofrequency and Health**, Apr 14, 2016. [bccdc.ca/resource-gallery/Documents/Guidelines%20and%20Forms/Guidelines%20and%20Manuals/EH/RPS/BCCDC%20RF%20Health%20Report.pdf](http://bccdc.ca/resource-gallery/Documents/Guidelines%20and%20Forms/Guidelines%20and%20Manuals/EH/RPS/BCCDC%20RF%20Health%20Report.pdf)

- 
- <sup>1023</sup> Birth of a New Earth, **Baby Monitor Radiation Levels Off The Charts!**, Sep 2018. [brighteon.com/5827170181001](https://brighteon.com/5827170181001)
- <sup>1024</sup> Dr. Deitrich Klinghardt, **ART Module 6 webinar with Dr Klinghardt**, Klinghardt Institute YouTube channel, Oct 20, 2018. [youtu.be/5lnByvJKThE](https://youtu.be/5lnByvJKThE)
- <sup>1025</sup> Lloyd Burrell, **Cordless Phones: Even More Dangerous Than Cell Phones?**, ElectricSense.com, Jul 14, 2010. [electricsense.com/815/cordless-phones-even-more-dangerous-than-cell-phones/](https://electricsense.com/815/cordless-phones-even-more-dangerous-than-cell-phones/)
- <sup>1026</sup> A.F. Fragopoulou, et al., **Brain proteome response following whole body exposure of mice to mobile phone or wireless DECT base radiation**, *Electromagnetic Biology and Medicine*, 2012, 31(4). [researchgate.net/publication/221765156\\_Brain\\_proteome\\_response\\_following\\_whole\\_body\\_exposure\\_of\\_mice\\_to\\_mobile\\_phone\\_or\\_wireless\\_DECT\\_base\\_radiation](https://researchgate.net/publication/221765156_Brain_proteome_response_following_whole_body_exposure_of_mice_to_mobile_phone_or_wireless_DECT_base_radiation)
- <sup>1027</sup> L. Hardell, et al., **Pooled analysis of two case-control studies on use of cellular and cordless telephones and the risk for malignant brain tumours diagnosed in 1997-2003**, *Int Arch Occup Environ Health*, Sep 2006, Vol 79(8):630-9. [ncbi.nlm.nih.gov/pubmed/16541280](https://ncbi.nlm.nih.gov/pubmed/16541280)
- <sup>1028</sup> Pauline Anderson, **Long-term Cell Phone Use Linked to Brain Tumor Risk**, Medscape.com, November 13, 2014. [medscape.com/viewarticle/834888](https://medscape.com/viewarticle/834888)
- <sup>1029</sup> Dina Fine Maron, **Major Cell Phone Radiation Study Reignites Cancer Questions**, ScientificAmerican.com, May 27, 2016. [scientificamerican.com/article/major-cell-phone-radiation-study-reignites-cancer-questions/](https://scientificamerican.com/article/major-cell-phone-radiation-study-reignites-cancer-questions/)
- <sup>1030</sup> S. Lehrer, et al., **Association between number of cell phone contracts and brain tumor incidence in nineteen U.S. States**, *Journal of Neuro-Oncology*, Feb 2011, Vol 101(3): 505-7. [researchgate.net/publication/44853472\\_Association\\_between\\_number\\_of\\_cell\\_phone\\_contracts\\_and\\_brain\\_tumor\\_incidence\\_in\\_nineteen\\_US\\_States](https://researchgate.net/publication/44853472_Association_between_number_of_cell_phone_contracts_and_brain_tumor_incidence_in_nineteen_US_States)
- <sup>1031</sup> Kevin Mottus, **Complete Regulatory Failure of 5G**, Interview with Josh del Sol at the 5G Summit, Sep 6, 2019. [the5gsummit.com/expert/kevin-mottus/](https://the5gsummit.com/expert/kevin-mottus/)
- <sup>1032</sup> A. Ciccone, **Brain Tumor Histology and Incidence in Adolescents and Young Adults**, NeurologyAdvisor.com, Feb 24, 2018. [neurologyadvisor.com/brain-tumors/brain-tumor-malignant-cancer-incidence-young-adults/article/478958/](https://neurologyadvisor.com/brain-tumors/brain-tumor-malignant-cancer-incidence-young-adults/article/478958/)
- <sup>1033</sup> US Brain Tumor Association, **Brain Cancer #1 for Children 15-19 yrs While FDA Minimizes Risk From Conclusive NIH Study - US Brain Tumor Association.com**, PR Newswire, Nov 5, 2018, [prnewswire.com/news-releases/brain-cancer-1-for-children-15-19-yrs-while-fda-minimizes-risk-from-conclusive-nih-study---us-brain-tumor-associationcom-300743742.html](https://prnewswire.com/news-releases/brain-cancer-1-for-children-15-19-yrs-while-fda-minimizes-risk-from-conclusive-nih-study---us-brain-tumor-associationcom-300743742.html)
- <sup>1034</sup> Q.T. Ostrom, et al., **American Brain Tumor Association Adolescent and Young Adult Primary Brain and Central Nervous System Tumors Diagnosed in the United States in 2008-2012**, *Neuro Oncol.*, Jan 2016, Vol 18(Suppl 1): i1–i50. [ncbi.nlm.nih.gov/pmc/articles/PMC4690545/](https://ncbi.nlm.nih.gov/pmc/articles/PMC4690545/)

- 
- <sup>1035</sup> Professor Tom Butler, **On the Clear Evidence of the Risks to Children from Smartphone and WiFi Radio Frequency Radiation**, University College Cork, Ireland citing H.M. Mialon, & E.T. Nesson, **Mobile Phones and the Risk of Brain Cancer Mortality: A Twenty-Five Year Cross-Country Analysis**, 2018. [ssrn.com/abstract=2674296](https://ssrn.com/abstract=2674296) or [dx.doi.org/10.2139/ssrn.2674296](https://dx.doi.org/10.2139/ssrn.2674296)
- <sup>1036</sup> Polina Kudelkina, **The electromagnetic spectrum. Infographic diagram**, [dreamstime.com/stock-illustration-electromagnetic-spectrum-infographic-diagram-image76866231](https://dreamstime.com/stock-illustration-electromagnetic-spectrum-infographic-diagram-image76866231)
- <sup>1037</sup> J.M.W. Brownjohn and X. Zheng, **Discussion of human resonant frequency**, 2001, The International Society for Optical Engineering, proceedings of the SPIE, Vol 4317: 469-474. [adsabs.harvard.edu/abs/2001SPIE.4317..469B](https://adsabs.harvard.edu/abs/2001SPIE.4317..469B)
- <sup>1038</sup> **Wireless Technology – The Worst Threat to our Health, Personal Privacy, Democracy, and National Security in Canada’s Entire History**, [stopthecrime.net/WSM-EMR%20ppp%20Dec%2030-2013.pdf](https://stopthecrime.net/WSM-EMR%20ppp%20Dec%2030-2013.pdf)
- <sup>1039</sup> **The frequency of the human body is?**, Physics Forum, 2008. [physicsforums.com/threads/the-frequency-of-the-human-body-is.231156/](https://physicsforums.com/threads/the-frequency-of-the-human-body-is.231156/)
- <sup>1040</sup> **Resonance: Beings of Frequency**, [vimeo.com/54189727](https://vimeo.com/54189727)
- <sup>1041</sup> H. Thomson, **Breaking and Entering**, *New Scientist*, Jun 21, 2014, Vol. 222(2974):8-9.
- <sup>1042</sup> Joseph T. McCabe et al., **Application of High-Intensity Focused Ultrasound to the Study of Mild Traumatic Brain Injury**, *Ultrasound in Medicine & Biology*, Vol 40(5), May 2014: 965–978, [sciencedirect.com/science/article/pii/S0301562913011976](https://sciencedirect.com/science/article/pii/S0301562913011976)
- <sup>1043</sup> T.S. Aldad, et al., **Fetal Radiofrequency Radiation Exposure From 800-1900 Mhz-Rated Cellular Telephones Affects Neurodevelopment and Behavior in Mice**, *Scientific Reports*, 2012, 2, Article number 312. [nature.com/articles/srep00312](https://nature.com/articles/srep00312)
- <sup>1044</sup> **Did Radiation From Cell Phones Cause UK’s 100% Increase in Early Dementia Starting at 30**, RFSafe.com. [rfsafe.com/radiation-cell-phones-cause-uks-100-increase-early-dementia-starting-30/](https://rfsafe.com/radiation-cell-phones-cause-uks-100-increase-early-dementia-starting-30/)
- <sup>1045</sup> Patrick Sullivan, **Strokes in Young People: Are the Numbers Really on the Rise?**, Feb 6, 2019. [sharecare.com/health/stroke/article/strokes-young-people-on-rise](https://sharecare.com/health/stroke/article/strokes-young-people-on-rise)
- <sup>1046</sup> Dr. Eowyn, **Alarming increase in millennials 18-34 getting strokes**, InvestmentWatchBlog.com, Dec 18, 2018. [investmentwatchblog.com/alarming-increase-in-millennials-18-34-getting-strokes](https://investmentwatchblog.com/alarming-increase-in-millennials-18-34-getting-strokes)
- <sup>1047</sup> S.N. Malaeb, et al. **Blood-brain Barrier, Stress**, in *Stress Science: Neuroendocrinology*, ed George Fink, Academic Press, Oxford, UK, 2010, p 410. [tinyurl.com/3r7whby2](https://tinyurl.com/3r7whby2)

- 
- <sup>1048</sup> Sebastian Anthony, **Terahertz wireless chip brings 30Gbps networks, subcutaneous scanning**, Extreme Tech, Nov 28, 2011 [extremetech.com/extreme/106771-terahertz-wireless-chip-brings-30gbps-networks-subcutaneous-scanning](http://extremetech.com/extreme/106771-terahertz-wireless-chip-brings-30gbps-networks-subcutaneous-scanning)
- <sup>1049</sup> Collective Evolution, **Los Alamos Study Finds Airport Scanners Can Rip Apart & Alter DNA**, [wisemindhealthybody.com/collective-evolution/los-alamos-study-finds-airport-scanners-can-rip-apart-alter-dna/](http://wisemindhealthybody.com/collective-evolution/los-alamos-study-finds-airport-scanners-can-rip-apart-alter-dna/) citing B.S. Alexandrov, et al., **Non-thermal effects of terahertz radiation on gene expression in mouse stem cells**, *Biomed Opt Express*, Sep 2011, Vol 2(9): 2679–2689. [ncbi.nlm.nih.gov/pmc/articles/PMC3184876/](http://ncbi.nlm.nih.gov/pmc/articles/PMC3184876/)
- <sup>1050</sup> L.A. Crum, et al., **Free Radical Production in Amniotic Fluid and Blood Plasma by Medical Ultrasound**, *J Ultrasound Med*, 1987, Volume 6, pp 643-647.
- <sup>1051</sup> Emily Casanova, **The Biology of Ultrasound**, ScienceOverACuppa.com, Jan 10, 2013. [scienceoveracuppa.com/2013/01/10/the-biology-of-ultrasound/](http://scienceoveracuppa.com/2013/01/10/the-biology-of-ultrasound/)
- <sup>1052</sup> **Ultrasonic Cavitation in Liquids**, [hielscher.com/ultrasonic-cavitation-in-liquids-2.htm](http://hielscher.com/ultrasonic-cavitation-in-liquids-2.htm)
- <sup>1053</sup> K.S. Suslick, **The Chemical Effects of Ultrasound**, School of Chemical Sciences, University of Illinois at Urbana-Champaign. [butane.chem.uiuc.edu/pshapley/Enlist/Labsheets/sonochem%20overview.20100622.pdf](http://butane.chem.uiuc.edu/pshapley/Enlist/Labsheets/sonochem%20overview.20100622.pdf)
- <sup>1054</sup> *ibid*
- <sup>1055</sup> *ibid*
- <sup>1056</sup> Emily Casanova, **The Biology of Ultrasound**, ScienceOverACuppa.com, Jan 10, 2013. [scienceoveracuppa.com/2013/01/10/the-biology-of-ultrasound/](http://scienceoveracuppa.com/2013/01/10/the-biology-of-ultrasound/)
- <sup>1057</sup> Cecelia Doucette, Technology Safety Educator, [wirelesseducation.org/](http://wirelesseducation.org/) Comment in a private email dated Oct 2, 2018 regarding presentations from the Health in Buildings Roundtable Conference held at the NIH this summer.
- <sup>1058</sup> Brian Thiesen, **The Truth About Smart Meters**, CSTinBC YouTube channel, Oct 27, 2012. [YouTube.com/watch?v=v4HsxNG2-4M&feature=share](http://YouTube.com/watch?v=v4HsxNG2-4M&feature=share)
- <sup>1059</sup> Camilla Rees, MBA, EMF Summit Day 5, **Camilla Rees**, MBA, ElectricSense YouTube channel, Aug 1, 2018. [youtu.be/pbWf-MdeTVc](http://youtu.be/pbWf-MdeTVc)
- <sup>1060</sup> Pawel Wypychowski, **Why 5G Radiation Might Be Worse Even At A Lower Power**, Nick Pineault YouTube Channel, [youtu.be/vfY1MWweAEM](http://youtu.be/vfY1MWweAEM)
- <sup>1061</sup> Dana Dovey, **Radiation From Cellphones, Wi-Fi Is Hurting the Birds and the Bees; 5G May Make It Worse**, Newsweek, May 9, 2018. [newsweek.com/migratory-birds-bee-navigation-5g-technology-electromagnetic-radiation-934830](http://newsweek.com/migratory-birds-bee-navigation-5g-technology-electromagnetic-radiation-934830)
- <sup>1062</sup> **New Study Finds U.S. and Canada Have Lost More Than One in Four Birds in the Past 50 Years**, American Bird Conservancy, Sep 2019, [abcbirds.org/article/new-study-finds-u-s-and-canada-have-lost-more-than-one-in-four-birds-in-the-past-50-years/](http://abcbirds.org/article/new-study-finds-u-s-and-canada-have-lost-more-than-one-in-four-birds-in-the-past-50-years/) citing

---

Kenneth V. Rosenberg, et al., **Decline of the North American avifauna**, *Science*, Oct 4, 2019, Vol. 366(6461): 120-124. [science.sciencemag.org/content/366/6461/120](https://science.sciencemag.org/content/366/6461/120)

<sup>1063</sup> **New Study Finds U.S. and Canada Have Lost More Than One in Four Birds in the Past 50 Years**, American Bird Conservancy, Sep 2019, [abcbirds.org/article/new-study-finds-u-s-and-canada-have-lost-more-than-one-in-four-birds-in-the-past-50-years/](https://abcbirds.org/article/new-study-finds-u-s-and-canada-have-lost-more-than-one-in-four-birds-in-the-past-50-years/) citing Kenneth V. Rosenberg, et al., **Decline of the North American avifauna**, *Science*, Oct 4, 2019, Vol. 366(6461): 120-124. [science.sciencemag.org/content/366/6461/120](https://science.sciencemag.org/content/366/6461/120)

<sup>1064</sup> **New Study Finds U.S. and Canada Have Lost More Than One in Four Birds in the Past 50 Years**, American Bird Conservancy, Sep 2019. [abcbirds.org/article/new-study-finds-u-s-and-canada-have-lost-more-than-one-in-four-birds-in-the-past-50-years/](https://abcbirds.org/article/new-study-finds-u-s-and-canada-have-lost-more-than-one-in-four-birds-in-the-past-50-years/)

<sup>1065</sup> Arthur Firstenberg, **"The sky is falling! The sky is falling!" cried Chicken Little. And the sky fell, and no one listened, and all was still**, Jul 28, 2022. [cellphonetaskforce.org/wp-content/uploads/2022/07/Birds-on-Texel-Island.pdf](https://cellphonetaskforce.org/wp-content/uploads/2022/07/Birds-on-Texel-Island.pdf)

<sup>1066</sup> Elias Marat, **"Below 1%": The Monarch Butterfly Is Approaching Total and Irreversible Extinction**, The Mind Unleashed, Jan 2019. [themindunleashed.com/2019/01/monarch-butterfly-extinction.html](https://themindunleashed.com/2019/01/monarch-butterfly-extinction.html)

<sup>1067</sup> **Bumblebee Has Officially Been Added To The Ever-Growing List of Endangered Species**, Higher Perspectives, Jan 19, 2019. [higherperspectives.com/bumblebee-added-endangered-species-list-2626490671.html](https://higherperspectives.com/bumblebee-added-endangered-species-list-2626490671.html)

<sup>1068</sup> Brooke Jarvis, **The Insect Apocalypse Is Here – What does it mean for the rest of life on Earth?**, New York Times, Nov 27, 2018. [nytimes.com/2018/11/27/magazine/insect-apocalypse.html](https://nytimes.com/2018/11/27/magazine/insect-apocalypse.html)

<sup>1069</sup> **Bees dying under 5G poles**, Philip Sites YouTube channel, Jul 15, 2019. [youtu.be/X5IhKHGDKhM](https://youtu.be/X5IhKHGDKhM)

<sup>1070</sup> **Microwave Radio Frequencies and Earth Orbiting Satellites are causing Global Warming or Climate Change**, July 2018. [nogoingegneria.com/news-eng/microwave-radio-frequencies-and-earth-orbiting-satellites-are-causing-global-warming-or-climate-change/](https://nogoingegneria.com/news-eng/microwave-radio-frequencies-and-earth-orbiting-satellites-are-causing-global-warming-or-climate-change/)

<sup>1071</sup> Barrie Trower, **5G Gigantic health hazard - Dr Barrie Trower & Sir Julian Rose**, YouTube.com, [youtu.be/DLVIbPtNrVo](https://youtu.be/DLVIbPtNrVo)

<sup>1072</sup> Reynard Loki, **Our cellphone addiction is turning wireless tech into an invisible weapon that's destroying wildlife**, Salon.com, Jul 13, 2018. [salon.com/2018/07/13/our-cellphone-addiction-is-turning-wireless-tech-into-an-invisible-weapon-that-is-destroying-wildlife\\_partner/](https://salon.com/2018/07/13/our-cellphone-addiction-is-turning-wireless-tech-into-an-invisible-weapon-that-is-destroying-wildlife_partner/)

<sup>1073</sup> Sandy Mauer, EMF Safety Network letter to Sebastopol Planning Commssion, May 29, 2018. [emfsafetynetwork.org/wp-content/uploads/2018/05/Letter-to-Seb-Verizon-5G.pdf](https://emfsafetynetwork.org/wp-content/uploads/2018/05/Letter-to-Seb-Verizon-5G.pdf) citing U.S. Department of Interior Letter, Feb 7, 2014. [ntia.doc.gov/files/ntia/us\\_doi\\_comments.pdf](https://ntia.doc.gov/files/ntia/us_doi_comments.pdf)



- 
- <sup>1074</sup> **Too Much Mobile Ringing Will Soon Mean Birds No Longer Singing**, No. 11: 20, [facts-are-facts.com/article/too-much-mobile-ringing-will-soon-mean-birds-no-longer-singing](https://facts-are-facts.com/article/too-much-mobile-ringing-will-soon-mean-birds-no-longer-singing)
- <sup>1075</sup> Arthur Firstenberg, *The Invisible Rainbow*, 2017, AGB Press, Santa Fe, New Mexico, Chapter 16, citing *Bienenvater*, Issue No. 9, 2003 and F. Ruzicka, *Shaden Durch Elektrosmog*, *Bienenwelt*, 2003, Vol 10: 34-35.
- <sup>1076</sup> Timothy L. Thomas, **The Mind Has No Firewall**, *Parameters*, Spring 1998: 84-92 [ssi.armywarcollege.edu/pubs/parameters/articles/98spring/thomas.htm](https://ssi.armywarcollege.edu/pubs/parameters/articles/98spring/thomas.htm)
- <sup>1077</sup> **DARPA's 5G End Game For Humanity**, The EMF Community, 2018. [emfcommunity.com/darpas-5g-end-game-for-humanity/](https://emfcommunity.com/darpas-5g-end-game-for-humanity/)
- <sup>1078</sup> Jeff Prager, **SPECIAL REPORT: Press Intimidation, Science Suppression and the 5G Rollout**, Peer Review, Apr 2019. [file:///Users/jeanicebarcelo/Desktop/SPECIAL\\_REPORT\\_Press\\_Intimidation\\_Scienc.pdf](https://file:///Users/jeanicebarcelo/Desktop/SPECIAL_REPORT_Press_Intimidation_Scienc.pdf)
- <sup>1079</sup> **The Rapid 5G Roll-Out is Looking More Like a Terrorist Plot Against the West (Video)**, The Millennium Report, Dec 18, 2018. [themillenniumreport.com/2018/12/the-rapid-5g-roll-out-is-looking-more-like-a-terrorist-plot-against-the-west-video/](https://themillenniumreport.com/2018/12/the-rapid-5g-roll-out-is-looking-more-like-a-terrorist-plot-against-the-west-video/)
- <sup>1080</sup> **UN Staff Member: 5G Is War on Humanity**, Josh del Sol YouTube Channel, Jan 4, 2019. [youtu.be/INZOtrAzJzg](https://youtu.be/INZOtrAzJzg)
- <sup>1081</sup> Josh del Sol with Claire Edwards, **5G: Swiss Telcos Ignore Official Laws and Launch 5G; Rule Of Law Under Attack**, Take Back Your Power, Apr 23, 2019. [takebackyourpower.net/5g-swiss-telcos-ignore-laws-and-launch-5g-rule-of-law-under-attack/](https://takebackyourpower.net/5g-swiss-telcos-ignore-laws-and-launch-5g-rule-of-law-under-attack/)
- <sup>1082</sup> Steven DiBasio, **Mind Control in the 21st Century - Science Fiction & Beyond**, May 2, 2014, [english.pravda.ru/science/tech/05-02-2014/126765-mind\\_control-0/](https://english.pravda.ru/science/tech/05-02-2014/126765-mind_control-0/)
- <sup>1083</sup> Katherine Highnett, **Mass Hysteria or Microwave Weapons – What's Behind the 'Sonic Attack' on U.S. Diplomats in Cuba?**, Newsweek.com, Dec 16, 2017. [newsweek.com/mass-hysteria-microwave-weapons-sonic-attacks-cuba-747107](https://newsweek.com/mass-hysteria-microwave-weapons-sonic-attacks-cuba-747107)
- <sup>1084</sup> Spencer Ackerman, **Video: I Got Blasted by the Pentagon's Pain Ray – Twice**, Wired.com, Mar 12, 2012. [wired.com/2012/03/pain-ray-shot/](https://wired.com/2012/03/pain-ray-shot/)
- <sup>1085</sup> Barrie Trower, **5G Gigantic health hazard - dr Barrie Trower & sir Julian Rose**, [youtu.be/DLVibPtNrVo](https://youtu.be/DLVibPtNrVo)
- <sup>1086</sup> Katherine Highnett, **Mass Hysteria or Microwave Weapons – What's Behind the 'Sonic Attack' on U.S. Diplomats in Cuba?**, Newsweek.com, Dec 16, 2017. [newsweek.com/mass-hysteria-microwave-weapons-sonic-attacks-cuba-747107](https://newsweek.com/mass-hysteria-microwave-weapons-sonic-attacks-cuba-747107)
- <sup>1087</sup> Ian Greenhalgh, **Microwave weapons no longer Conspiracy Theory – Now deployed in China**, VeteransToday.com, May 23, 2018. [veteranstoday.com/2018/05/23/microwave-weapons-no-longer-conspiracy-theory-now-deployed-in-china/](https://veteranstoday.com/2018/05/23/microwave-weapons-no-longer-conspiracy-theory-now-deployed-in-china/)

- 
- <sup>1088</sup> Mark Rich, **Introduction to Directed-Energy Weapons Description**, 2011. [newworldwar.org/dewintro.htm](http://newworldwar.org/dewintro.htm)
- <sup>1089</sup> Barrie Trower, **5G Gigantic health hazard - dr Barrie Trower & sir Julian Rose**, [youtu.be/DLVIbPtNrVo](https://youtu.be/DLVIbPtNrVo)
- <sup>1090</sup> Peter Mooring, **The people cookers - cooking people like a microwave oven cooks meat**, Apr PeopleCooker.com, 28, 2008. [peoplecooker.com/](http://peoplecooker.com/)
- <sup>1091</sup> Armin Krishnan, **From Psyops to Neurowar: What Are the Dangers?** Paper to be presented at the ISAC-ISSS Conference in Austin, 14-16 November 2014. [web.isanet.org/Web/Conferences/ISSS%20Austin%202014/Archive/b137347c-6281-466d-b9e7-ef7e0e5d363c.pdf](http://web.isanet.org/Web/Conferences/ISSS%20Austin%202014/Archive/b137347c-6281-466d-b9e7-ef7e0e5d363c.pdf)
- <sup>1092</sup> Spencer Ackerman, **Video: I Got Blasted by the Pentagon's Pain Ray – Twice**, Wired.com, Mar 12, 2012. [wired.com/2012/03/pain-ray-shot/](http://wired.com/2012/03/pain-ray-shot/)
- <sup>1093</sup> Sandy Mauer, EMF Safety Network Letter to the Sebastopol Planning Commission, May 29, 2018. [emfsafetynetwork.org/wp-content/uploads/2018/05/Letter-to-Seb-Verizon-5G.pdf](http://emfsafetynetwork.org/wp-content/uploads/2018/05/Letter-to-Seb-Verizon-5G.pdf)
- <sup>1094</sup> Catherine Frompovich, **5G Is An International Health Crisis In The Making**, Activist Post, Aug 6, 2017. [www.activistpost.com/2017/08/5g-international-health-crisis.html](http://www.activistpost.com/2017/08/5g-international-health-crisis.html)
- <sup>1095</sup> Truth11 Films **Wireless Genocide - Microwave Radiation, Part of the Depopulation Agenda**, Film Transcript, [truth11.com/2018/06/13/truth11-films-wireless-genocide-microwave-radiation-part-of-the-depopulation-agenda-film-transcript/](http://truth11.com/2018/06/13/truth11-films-wireless-genocide-microwave-radiation-part-of-the-depopulation-agenda-film-transcript/)
- <sup>1096</sup> P.A. Philips, **5G Technology and the Coming Health Crisis**, Natural Blaze, Mar 26, 2017. [sott.net/article/346389-5G-technology-and-the-coming-health-crisis](http://sott.net/article/346389-5G-technology-and-the-coming-health-crisis)
- <sup>1097</sup> Brendan Carr, **FCC on 5G Small Cells: Over 1000 Antennas in a Grey Box "Unleashed"**, Environmental Health Trust YouTube Channel, [youtu.be/1ctUU9F8Es8](https://youtu.be/1ctUU9F8Es8)
- <sup>1098</sup> Pixundfertig, Pixabay free download, [pixabay.com/photos/mobile-5g-woman-world-order-4565661/](http://pixabay.com/photos/mobile-5g-woman-world-order-4565661/)
- <sup>1099</sup> B.N. Frank, **Few People Have Subscribed to 5G Where It's Been Installed**, Feb 20, 2020. [activistpost.com/2020/02/few-people-have-subscribed-to-5g-where-its-been-installed.html](http://activistpost.com/2020/02/few-people-have-subscribed-to-5g-where-its-been-installed.html)
- <sup>1100</sup> Citizens for 5G Awareness FAQ, [citizensfor5gawareness.org/faq/](http://citizensfor5gawareness.org/faq/)
- <sup>1101</sup> Peter R Harvey, Senior Engineer, Physics Department, University of California Berkeley, comment made in a private google group, cell tower section, subject "[cell-tower] 47 U.S.C. § 332(c)(7)(B)(iv)," dated Oct 13, 2018.
- <sup>1102</sup> **Fire Fighters and Police at Maximum Risk Due to Installation of Antennas and Towers on their Buildings**, May 18, 2018. [radiation dangers.com/electromagnetic-radiation/fire-](http://radiation dangers.com/electromagnetic-radiation/fire-)

---

[fighters-and-police-at-maximum-risk-due-to-installation-of-antennas-and-towers-on-their-buildings/](#)

<sup>1103</sup> **Sebastopol, CA: Consider The Plights of Those Living At An Attractive and Well-Managed Affordable Housing Project — 250 to 500 feet from a Macro Cell Tower**, Scientists for Wired Technology, 2018. [scientists4wiredtech.com/sebastopol/](#)

<sup>1104</sup> Susan Foster, **Firefighters Living Next to Cell Towers Suffer Severe Neurological Damage. Emission levels were only .1%-.2% of FCC “Safe” Exposure Limits**, Feb 4, 2018. [smartmeterharm.org/2018/02/04/firefighters-living-next-to-cell-towers-suffer-severe-neurological-damage/](#)

<sup>1105</sup> FCC 12-152, **Affidavit of Susan D. Foster, MSW**, Comment to the Federal Communications Commission, Feb 2, 2013. [ecfsapi.fcc.gov/file/7022117660.pdf](#)

<sup>1106</sup> **Swiss magazine reports first 5G injuries in Geneva**, EMF Facts, Jul 2019. [emfacts.com/2019/07/swiss-magazine-reports-first-5g-injuries-in-geneva/](#)

<sup>1107</sup> Devra Davis, **Summary of a study by Lennart Hardell demonstrating harmful effects of 5G**, Apr 19, 2022. [hpathy.com/scientific-research/summary-of-a-study-by-lennart-hardell-demonstrating-harmful-effects-of-5g/](#)

<sup>1108</sup> **Sebastopol, CA: Consider The Plights of Those Living At An Attractive and Well-Managed Affordable Housing Project — 250 to 500 feet from a Macro Cell Tower**, Scientists For Wired Technology, 2018. [scientists4wiredtech.com/sebastopol/](#)

<sup>1109</sup> *ibid*

<sup>1110</sup> Erin Elizabeth, **Perhaps the greatest health threat of the 21st Century**, Apr 16, 2019. [healthnutnews.com/perhaps-the-greatest-health-threat-of-the-21st-century/](#)

<sup>1111</sup> Jennifer McGraw, **Parents Blame Elementary School’s Cell Tower After 4th Student Diagnosed With Cancer**, CBS Sacramento, Mar 12, 2019. [sacramento.cbslocal.com/2019/03/12/school-cell-tower-causing-cancer/](#)

<sup>1112</sup> See Expert Testimony of Karl Muller and the dozens of citations presented with this submission at the end of the document: **Submission to Mayor of Cape Town re Durbanville Mast**, [docs.google.com/viewer?a=v&pid=forums&srcid=MDgxODkwOTk5NjU5OTU4ODQwNTYBMTY1MjkyMjg3ODkyMzgwMzQ3MTgBNVgtQWg1NG5BUUFKATAuMQEBdjI](#)

<sup>1113</sup> **New study: direct link to 4,924 cancer deaths from cellular antennas radiation**, May 17, 2011. [whyfry.org/brazilian-study-cancer-associated-with-radiation-from-cellular-antennas](#) and [next-up.org/pdf/Brazil\\_New\\_study\\_direct\\_link\\_to\\_4924\\_cancer\\_deaths\\_from\\_cellular\\_antennas\\_radiation\\_28\\_07\\_2011.pdf](#)

- 
- <sup>1114</sup> Richard Gale and Gary Null PhD, **5G: The End of All Things**, PRN.FM, Mar 16, 2020. [prn.fm/5g-end-things/](http://prn.fm/5g-end-things/)
- <sup>1115</sup> **Workers say cell tower sites putting them at risk**, ABC 10 News YouTube Channel, Mar 19, 2015. [youtu.be/6pzcwQw7XWY](https://youtu.be/6pzcwQw7XWY)
- <sup>1116</sup> **Cell Tower Deaths**, PBS – Frontline, Video Transcript. [pbs.org/wgbh/frontline/film/cell-tower-deaths/transcript/](https://pbs.org/wgbh/frontline/film/cell-tower-deaths/transcript/)
- <sup>1117</sup> **Emerging Technologies Pose Significant Risks with Possible Long-Tail Losses**, A.M. Best Company, Inc., U.S. Property/Casualty & Life/Health, Feb 11, 2013. [ambest.com/directories/bestconnect/EmergingRisks.pdf](https://ambest.com/directories/bestconnect/EmergingRisks.pdf)
- <sup>1118</sup> **Cell Tower Deaths**, PBS – Frontline, Video Transcript. [pbs.org/wgbh/frontline/film/cell-tower-deaths/transcript/](https://pbs.org/wgbh/frontline/film/cell-tower-deaths/transcript/)
- <sup>1119</sup> Jim Guy, **Worker rescued from atop Fresno State water tower dies a day later**, FresnoBee.com, Jun 24, 2020. [fresnobee.com/news/local/article243771987.html](https://fresnobee.com/news/local/article243771987.html)
- <sup>1120</sup> Mark Puleo, **Sweltering conditions caused a man's heart to stop on top of a water tower**, Jun 25, 2020. [news.yahoo.com/sweltering-conditions-caused-mans-heart-184614531.html](https://news.yahoo.com/sweltering-conditions-caused-mans-heart-184614531.html)
- <sup>1121</sup> **RF Safety FAQ**, Federal Communications Commission, FCC.gov, [fcc.gov/engineering-technology/electromagnetic-compatibility-division/radio-frequency-safety/faq/rf-safety](https://fcc.gov/engineering-technology/electromagnetic-compatibility-division/radio-frequency-safety/faq/rf-safety)
- <sup>1122</sup> Mark Puleo, **Sweltering conditions caused a man's heart to stop on top of a water tower**, Jun 25, 2020. [news.yahoo.com/sweltering-conditions-caused-mans-heart-184614531.html](https://news.yahoo.com/sweltering-conditions-caused-mans-heart-184614531.html)
- <sup>1123</sup> Peter Mooring, **The people cookers - cooking people like a microwave oven cooks meat**, Apr 28, 2008. [peoplecooker.com/](http://peoplecooker.com/)
- <sup>1124</sup> Jim Guy, **Worker rescued from atop Fresno State water tower dies a day later**, Fresno Bee, Jun 24, 2020. [fresnobee.com/news/local/article243771987.html](https://fresnobee.com/news/local/article243771987.html)
- <sup>1125</sup> Jim Guy, **Watch CA Firefighters Perform Water Tower Rescue**, Firehouse.com, Jun 25, 2020. [firehouse.com/rescue/rope/news/21143640/watch-ca-firefighters-rescue-unconscious-man-from-water-tower](https://firehouse.com/rescue/rope/news/21143640/watch-ca-firefighters-rescue-unconscious-man-from-water-tower)
- <sup>1126</sup> Benjamin Wedro, MD, **Sudden Cardiac Arrest (Sudden Cardiac Death)**, Medicine.net, [medicinenet.com/sudden\\_cardiac\\_death/article.htm#what\\_are\\_the\\_causes\\_of\\_sudden\\_cardiac\\_arrest](https://medicinenet.com/sudden_cardiac_death/article.htm#what_are_the_causes_of_sudden_cardiac_arrest)
- <sup>1127</sup> Arthur Firstenberg, *The Invisible Rainbow*, 2017, AGB Press, Santa Fe, New Mexico, Chapter 16.
- <sup>1128</sup> **Studies**, JustProveIt.org, 2010. [justproveit.net/studies](https://justproveit.net/studies)

- 
- <sup>1129</sup> **EMF Portal**, [emf-portal.org/en](http://emf-portal.org/en)
- <sup>1130</sup> **PowerWatch**, [powerwatch.org.uk/](http://powerwatch.org.uk/)
- <sup>1131</sup> **Bioinitiative 2012: A Rationale for Biologically-based Public Exposure Standards for Electromagnetic Fields (ELF and RF)**, [bioinitiative.org/](http://bioinitiative.org/)
- <sup>1132</sup> **Oceania Radiofrequency Scientific Advisory Association**, [orsaa.org/orsaa-database.html](http://orsaa.org/orsaa-database.html)
- <sup>1133</sup> Olga Sheean, **The WHO cover-up that is costing us the Earth**, Olga Sheean YouTube channel, Jun 5, 2019. [youtu.be/rKDruI7ZMnw](https://youtu.be/rKDruI7ZMnw)
- <sup>1134</sup> Dimitris J. Panagopoulos, **Polarization: A Key Difference between Man-made and Natural Electromagnetic Fields, in regard to Biological Activity**, Oct 12, 2015. [emfrefugee.blogspot.com/2015/10/polarization-key-difference-between-man.html](http://emfrefugee.blogspot.com/2015/10/polarization-key-difference-between-man.html)
- <sup>1135</sup> **Microwave Sickness**, [merriam-webster.com/medical/microwave%20sickness](http://merriam-webster.com/medical/microwave%20sickness)
- <sup>1136</sup> Dr. Robert O. Becker, **The Body Electric**, New York, Morrow, 1985. [emfresearch.com/the-body-electric/](http://emfresearch.com/the-body-electric/)
- <sup>1137</sup> Arthur Firstenberg, **Is the Sky Really Falling?**, Mar 26, 2020, [cellphonetaskforce.org/wp-content/uploads/2020/03/Is-the-Sky-Really-Falling.pdf](http://cellphonetaskforce.org/wp-content/uploads/2020/03/Is-the-Sky-Really-Falling.pdf) citing Y. A. Lobanova and Z.V. Gordon, **Investigation of the Olfactory Sensitivity in Persons Subjected to the Influence of UHF**, in *The Biological Action of Ultrahigh Frequencies*, A.A. Letavet and Z.V. Gordon, eds., Moscow 1960, JPRS 12471, pp. 50-56.
- <sup>1138</sup> Jeanice Barcelo, **Is It Tinnitus or Is It Microwave and/or Ultrasonic Hearing?**, Jul 26, 2018. [radiation dangers.com/ringing-in-the-ears/is-it-tinnitus-or-is-it-microwave-and-or-ultrasonic-hearing/](http://radiation dangers.com/ringing-in-the-ears/is-it-tinnitus-or-is-it-microwave-and-or-ultrasonic-hearing/)
- <sup>1139</sup> B.N. Frank, **“The Flu” and “Microwave Sickness” Share Many of the Same Symptoms**, Jul 26, 2018. [radiation dangers.com/microwave-sickness/the-flu-and-microwave-sickness-share-many-of-the-same-symptoms/](http://radiation dangers.com/microwave-sickness/the-flu-and-microwave-sickness-share-many-of-the-same-symptoms/)
- <sup>1140</sup> James Lee, **Who Needs Chemical Drugs With a World Full of Medicinal Plants**, Ccrow777Radio.com, Aplanetruith 4u YouTube channel, Sep 28, 2019. [YouTube.com/watch?v=oG9qx7uPYJO](https://YouTube.com/watch?v=oG9qx7uPYJO)
- <sup>1141</sup> Timothy L. Thomas, **The Mind Has No Firewall**, *Parameters*, Spring 1998: 84-92 [ssi.armywarcollege.edu/pubs/parameters/articles/98spring/thomas.htm](http://ssi.armywarcollege.edu/pubs/parameters/articles/98spring/thomas.htm)
- <sup>1142</sup> Arthur Firstenberg, *The Invisible Rainbow*, 2017, AGB Press, Santa Fe, New Mexico, Prologue.
- <sup>1143</sup> Arthur Firstenberg, **Is the Sky Really Falling**, Cell Phone Task Force, May 2020. [cellphonetaskforce.org/wp-content/uploads/2020/05/IS-THE-SKY-REALLY-FALLING.pdf](http://cellphonetaskforce.org/wp-content/uploads/2020/05/IS-THE-SKY-REALLY-FALLING.pdf)

- 
- <sup>1144</sup> Arthur Firstenberg, **English Summary of The Invisible Rainbow**, 5GExposed.com, [5gexposed.com/wp-content/uploads/2019/04/English-Summary-of-The-Invisible-Rainbow-A-History-of-Electricity-and-Life-3.pdf](https://5gexposed.com/wp-content/uploads/2019/04/English-Summary-of-The-Invisible-Rainbow-A-History-of-Electricity-and-Life-3.pdf)
- <sup>1145</sup> Gary Null PhD and Richard Gale, **The Toxic Science of Flu Vaccines**, GreenMedInfo.com, Nov 2, 2016. [greenmedinfo.com/blog/toxic-science-flu-vaccines](https://greenmedinfo.com/blog/toxic-science-flu-vaccines)
- <sup>1146</sup> W. Myers, **Flu Vaccines are Toxic**, [myersdetox.com/flu-vaccines-are-toxic/](https://myersdetox.com/flu-vaccines-are-toxic/)
- <sup>1147</sup> Brian Shilhavy, **Get Your Flu Shot? DOJ Report From Vaccine Court Reveals Flu Shot is Most Dangerous Vaccine in U.S.**, Sep 7, 2018. [healthimpactnews.com/2018/get-your-flu-shot-doj-report-from-vaccine-court-reveals-flu-shot-is-most-dangerous-vaccine-in-u-s/](https://healthimpactnews.com/2018/get-your-flu-shot-doj-report-from-vaccine-court-reveals-flu-shot-is-most-dangerous-vaccine-in-u-s/)
- <sup>1148</sup> Paul Fassa, **If You Know Anyone Considering a Flu Shot This Year, Show Them This**. [realpharmacy.com/ditch-flu-shot-instead/](https://realpharmacy.com/ditch-flu-shot-instead/)
- <sup>1149</sup> C. Del Mar and P. Collingnon, **The Flu Vaccine Is Up To 99 Per Cent Ineffective**, Jun 8. 2018. [lifehacker.com.au/2018/06/the-flu-vaccine-is-99-per-cent-ineffective/](https://lifehacker.com.au/2018/06/the-flu-vaccine-is-99-per-cent-ineffective/)
- <sup>1150</sup> Mike Stobbe, **Flu vaccine ineffective for people 65 and older last winter**, Jun 21, 2017 [denverpost.com/2017/06/21/flu-vaccine-elderly-ineffective/](https://denverpost.com/2017/06/21/flu-vaccine-elderly-ineffective/)
- <sup>1151</sup> Arthur Firstenberg, **Transcript ~ The Hidden Dangers Of Wireless & CellPhone Radiation ~ Audio Interview ~ Part 2**, [multerland.files.wordpress.com/2019/01/2-the-hidden-dangers-of-wireless-and-cell-phone-radiation.pdf](https://multerland.files.wordpress.com/2019/01/2-the-hidden-dangers-of-wireless-and-cell-phone-radiation.pdf). Video: **2/4 ~ The Hidden Dangers of Wireless & Cell Phone Radiation ~ Arthur Firstenberg ~ English subtitles**, Multerland YouTube channel, Feb 3, 2019, [youtu.be/yqxQZZM1K7I](https://youtu.be/yqxQZZM1K7I)
- <sup>1152</sup> Sal Martingano, **The 1918 “Spanish Flu”: Only the Vaccinated Died**, May 2020. [salmartingano.com/2020/05/the-1918-spanish-flu-only-the-vaccinated-died/](https://salmartingano.com/2020/05/the-1918-spanish-flu-only-the-vaccinated-died/)
- <sup>1153</sup> Kevin Boyle, **1918 'Spanish Flu': Radio EMFs Caused Flu, Mass Vaccinations Caused Mass Deaths**, Kevin Boyle YouTube channel, Jun 4, 2020, [YouTube.com/watch?v=oBgv5Kf6kSY&feature=youtu.be](https://YouTube.com/watch?v=oBgv5Kf6kSY&feature=youtu.be) citing T. Engelbrecht and C. Kohnlein, **Virus Mania**, 2007, original in German, [outersite.org/wp-content/uploads/2020/05/Virus-Mania55tt66.pdf](https://outersite.org/wp-content/uploads/2020/05/Virus-Mania55tt66.pdf)
- <sup>1154</sup> **Are There Ultra-Fine Corona Discharges from 5G Microwave Radiation in the Air?** Smombiegate.org, Mar 10, 2020. [smombiegate.org/are-there-ultra-fine-corona-discharges-from-5g-microwave-radiation-in-the-air/](https://smombiegate.org/are-there-ultra-fine-corona-discharges-from-5g-microwave-radiation-in-the-air/)
- <sup>1155</sup> **Corona Discharge**, [merriam-webster.com/dictionary/corona%20discharge](https://merriam-webster.com/dictionary/corona%20discharge)
- <sup>1156</sup> Annie Logical, **Corona Virus Fakery and the Link to 5G**, Truth11.com, Feb 28, 2020. [truth11.com/2020/02/28/corona-virus-fakery-and-the-link-to-5g-testing/amp/](https://truth11.com/2020/02/28/corona-virus-fakery-and-the-link-to-5g-testing/amp/)

- 
- <sup>1157</sup> Lee Brown, **Loss of taste and smell could be crucial symptoms of coronavirus**, Mar 22, 2020. [nypost.com/2020/03/22/loss-of-taste-and-smell-could-be-crucial-symptoms-of-coronavirus/](https://nypost.com/2020/03/22/loss-of-taste-and-smell-could-be-crucial-symptoms-of-coronavirus/)
- <sup>1158</sup> Ben Feuerherd, **Nearly half of severe COVID-19 cases showed neurological symptoms**, Apr 10, 2020. [nypost.com/2020/04/10/nearly-half-of-severe-covid-19-cases-showed-neurological-symptoms/](https://nypost.com/2020/04/10/nearly-half-of-severe-covid-19-cases-showed-neurological-symptoms/)
- <sup>1159</sup> **Another odd symptom of COVID-19: skin issues among young patients**, Action News, Apr 21, 2020. [6abc.com/skin-covid19-rashes-coronavirus-rashes-tips/6118044/](https://6abc.com/skin-covid19-rashes-coronavirus-rashes-tips/6118044/)
- <sup>1160</sup> K. Gander, **COVID-19 May Cause Heart Problems in Those Who Had None Before, Coronavirus Study Finds**, Mar 27, 2020. [newsweek.com/previous-heart-problems-covid19-1494730](https://newsweek.com/previous-heart-problems-covid19-1494730)
- <sup>1161</sup> Gina Kolata, **A Heart Attack? No, It Was the Coronavirus**, Mar 27, 2020. [nytimes.com/2020/03/27/health/coronavirus-cardiac-heart-attacks.html](https://nytimes.com/2020/03/27/health/coronavirus-cardiac-heart-attacks.html)
- <sup>1162</sup> Dr. Magda Havas, **Got Heart Problems? How Wireless Devices Affect the Heart**, Jul 7, 2018. [radiation dangers.com/microwave-radiation/got-heart-problems-how-wireless-devices-affect-the-heart/](https://radiation dangers.com/microwave-radiation/got-heart-problems-how-wireless-devices-affect-the-heart/)
- <sup>1163</sup> M. Gafni and J. Tucker, **Exclusive: Coronavirus caused heart to rupture in nation's first known victim, autopsy shows**, Apr 26, 2020. [sfchronicle.com/bayarea/article/Exclusive-Autopsy-report-of-first-known-15226422.php](https://sfchronicle.com/bayarea/article/Exclusive-Autopsy-report-of-first-known-15226422.php)
- <sup>1164</sup> Brie Stimson, **Small percentage of coronavirus patients exhibit neurological symptoms**, Apr 2, 2020. [nypost.com/2020/04/02/small-percentage-of-coronavirus-patients-exhibit-neurological-symptoms/](https://nypost.com/2020/04/02/small-percentage-of-coronavirus-patients-exhibit-neurological-symptoms/)
- <sup>1165</sup> Shivali Best, **Coronavirus 'may cause damage to men's testicles', doctors warn**, Mar 12, 2020. [mirror.co.uk/science/coronavirus-may-cause-damage-mens-21681342](https://mirror.co.uk/science/coronavirus-may-cause-damage-mens-21681342)
- <sup>1166</sup> Lauren Steussy, **Coronavirus patients report strange new symptom: 'Fizzing'**, Apr 10, 2020. [nypost.com/2020/04/10/coronavirus-patients-report-strange-new-symptom-fizzing/](https://nypost.com/2020/04/10/coronavirus-patients-report-strange-new-symptom-fizzing/)
- <sup>1167</sup> Tarana Burke, Twitter post describing her husbands symptoms as follows: *"His skin felt like it was burning - even when he barely had a fever of 99+ We literally used aloe gel for sunburn to soothe it."* Apr 9, 2020, Twitter.com. [twitter.com/TaranaBurke/status/1248255562237739010?s=20](https://twitter.com/TaranaBurke/status/1248255562237739010?s=20)
- <sup>1168</sup> PMG, **5G Will Use the Same Frequencies as Pain-Inflicting Military Weapon**, Scientists for Wired Technology, Feb 27, 2018. [scientists4wiredtech.com/2019/02/5g-will-use-the-same-frequencies-as-pain-inflicting-military-weapon/](https://scientists4wiredtech.com/2019/02/5g-will-use-the-same-frequencies-as-pain-inflicting-military-weapon/)
- <sup>1169</sup> A.E. Cha, **A mysterious blood-clotting complication is killing coronavirus patients**, Apr 22, 2020. [inquirer.com/health/coronavirus/mysterious-blood-clotting-complication-is-killing-coronavirus-patients-20200422.html](https://inquirer.com/health/coronavirus/mysterious-blood-clotting-complication-is-killing-coronavirus-patients-20200422.html)

- 
- <sup>1170</sup> Rob Brown, MD, **COVID-19, Blood Clots, and Possible Exacerbation from Electromagnetic Fields (EMF)**, May 2020. [robbrownmd.com/2020/05/covid-19-blood-clots-and-possible-exacerbation-from-electromagnetic-fields-emf/](http://robbrownmd.com/2020/05/covid-19-blood-clots-and-possible-exacerbation-from-electromagnetic-fields-emf/)
- <sup>1171</sup> Dr. Yael Stein, Hebrew University - Hadassah Medical Center, Jerusalem, Israel, from an email issued by [ael.stein1@mail.huji.ac.il](mailto:ael.stein1@mail.huji.ac.il) on June 1, 2020 and posted on facebook on Aug 21, 2020. [facebook.com/Coalitiontostopsmartmeters/posts/326740605338337](https://facebook.com/Coalitiontostopsmartmeters/posts/326740605338337)
- <sup>1172</sup> Arthur Firstenberg, *The Invisible Rainbow*, 2017, AGB Press, Santa Fe, New Mexico, Chapter 17.
- <sup>1173</sup> **Dirty Electricity**, [greenwavefilters.com/dirty-electricity/](http://greenwavefilters.com/dirty-electricity/)
- <sup>1174</sup> Arthur Firstenberg, *The Invisible Rainbow*, 2017, AGB Press, Santa Fe, New Mexico, Chapter 15.
- <sup>1175</sup> **Solar Energy Systems Put Dirty Electricity on Electrical Wiring**, [stetzerelectric.com/milham-solar-puts-dirty-electricity-on-electrical-wiring/](http://stetzerelectric.com/milham-solar-puts-dirty-electricity-on-electrical-wiring/)
- <sup>1176</sup> **NM01 Vivint 2.4 GHz/5GHz WiFi Module Test Report 1 Vivint. Inc.**, [fccid.io/2AAAS-NM01/Test-Report/Test-Report-DFS-pdf-3545849](http://fccid.io/2AAAS-NM01/Test-Report/Test-Report-DFS-pdf-3545849)
- <sup>1177</sup> **Smart Meter Transmission Frequency Claims – “Misinformation” or “Missing Information”?**, Jun 7, 2013. [smartgridawareness.org/2013/06/07/smart-meter-transmission-frequency-claims-misinformation-or-missing-information/](http://smartgridawareness.org/2013/06/07/smart-meter-transmission-frequency-claims-misinformation-or-missing-information/)
- <sup>1178</sup> **Smart Meter Health Effects**, [emfanalysis.com/smart-meter-health-effects/](http://emfanalysis.com/smart-meter-health-effects/)
- <sup>1179</sup> Arthur Firstenberg, **The Invisible Rainbow – Informational Summary**.
- <sup>1180</sup> John P. Thomas, **Smart Meters: Countdown to a National Crisis of Illness and Death**, 2017. [healthimpactnews.com/2017/smart-meters-countdown-to-a-national-crisis-of-illness-and-death/](http://healthimpactnews.com/2017/smart-meters-countdown-to-a-national-crisis-of-illness-and-death/)
- <sup>1181</sup> Ken Mack, **Information About Hazards of Smart Meters**, in a private email dated Feb 18, 2020.
- <sup>1182</sup> **Smart Meters**, Oregon for Safer Technology, [or4safertech.org/smart-meters](http://or4safertech.org/smart-meters)
- <sup>1183</sup> Vivint.Smart Home, [vivint.com/company/about-us](http://vivint.com/company/about-us)
- <sup>1184</sup> **Vivint Solar Raises Additional \$540 Million in Residential Solar Financing**, Oct 18, 2013. [vivint.com/company/newsroom/press/vivint-solar-raises-540-million-residential-solar-financing](http://vivint.com/company/newsroom/press/vivint-solar-raises-540-million-residential-solar-financing)
- <sup>1185</sup> **Vivint Solar Closes \$811 Million of New Financing**, Vivint Solar Press Release, Jun 11, 2018. [vivintsolar.com/newsroom/press-releases/vivint-solar-closes-811-million-of-new-financing](http://vivintsolar.com/newsroom/press-releases/vivint-solar-closes-811-million-of-new-financing)



- 
- <sup>1186</sup> **Vivint Solar Secures \$200 Million in Funding for U.S. Residential Solar Projects**, PR Newswire, Mar 22, 2016. [prnewswire.com/news-releases/vivint-solar-secures-200-million-in-funding-for-us-residential-solar-projects-300239310.html](http://prnewswire.com/news-releases/vivint-solar-secures-200-million-in-funding-for-us-residential-solar-projects-300239310.html)
- <sup>1187</sup> Jeff St. John, **Vivint, a Home Automation-Plus-Solar Player, Acquired by Blackstone for \$2B**, Green Tech Media, Sep 19, 2012. [greentechmedia.com/articles/read/Vivint-a-Home-Automation-plus-Solar-Player-to-be-Acquired-by-Blackstone-f](http://greentechmedia.com/articles/read/Vivint-a-Home-Automation-plus-Solar-Player-to-be-Acquired-by-Blackstone-f)
- <sup>1188</sup> Warren Cassel, Jr., **How Stephen Schwarzman Built The Blackstone Group**, Sep 9, 2015. [investopedia.com/articles/investing/090915/how-stephen-schwarzman-built-blackstone-group.asp](http://investopedia.com/articles/investing/090915/how-stephen-schwarzman-built-blackstone-group.asp)
- <sup>1189</sup> Duke Helfant, **Health insurer HealthMarkets sued by L.A. city attorney over 'junk insurance' - The suit also names major stakeholders Goldman Sachs Group and Blackstone Group**, Oct 21, 2010. [articles.latimes.com/2010/oct/21/business/la-fi-healthmarkets-20101021](http://articles.latimes.com/2010/oct/21/business/la-fi-healthmarkets-20101021)
- <sup>1190</sup> **Blackstone Sued Over \$8B Extended Stay Buyout**, [law360.com/articles/251491/blackstone-sued-over-8b-extended-stay-buyout](http://law360.com/articles/251491/blackstone-sued-over-8b-extended-stay-buyout)
- <sup>1191</sup> **Blackstone executive sued by SEC in insider trading scheme**, Dow Jones Newswires, Jan 24, 2009. [fnlondon.com/articles/blackstone-executive-sued-by-sec-in-insider-trading-scheme-20090114](http://fnlondon.com/articles/blackstone-executive-sued-by-sec-in-insider-trading-scheme-20090114)
- <sup>1192</sup> SSI Staff, **Vivint to Pay ADT \$10 Million Over Deceptive Sales Lawsuit**, Jan 4, 2018. [securitysales.com/business/vivint-adt-deceptive-sales-lawsuit/](http://securitysales.com/business/vivint-adt-deceptive-sales-lawsuit/)
- <sup>1193</sup> Erin W., Pflugerville, Tx., **Warning! Vivint takes advantage of the elderly!!**, Feb 9, 2019. [yelp.com/biz/vivint-home-security-austin-2](http://yelp.com/biz/vivint-home-security-austin-2)
- <sup>1194</sup> **Vivint, Inc. to Pay \$375,000 to Resolve Allegations of Deceptive Advertising and Sales Practices**, Georgia Department of Law, Consumer Protection Division, Feb 12, 2015. [consumer.georgia.gov/news/press-releases/view/vivint-inc-to-pay-375-000-to-resolve-allegations-of-deceptive-advertising-and-sales-practices](http://consumer.georgia.gov/news/press-releases/view/vivint-inc-to-pay-375-000-to-resolve-allegations-of-deceptive-advertising-and-sales-practices)
- <sup>1195</sup> **Vivint Solar, Class Action Suit - Rosen Law Firm announces the filing of a class action lawsuit on behalf of purchasers of Vivint Solar, Inc.** [rosenlegal.com/cases-875.html](http://rosenlegal.com/cases-875.html)
- <sup>1196</sup> Dave Yost, **AG Files Enforcement Actions Against Home Security Companies**, Ohio Attorney, Sep 9, 2013. [ohioattorneygeneral.gov/Media/Newsletters/Consumer-Advocate/September-2013/AG-Files-Enforcement-Actions-Against-Home-Security](http://ohioattorneygeneral.gov/Media/Newsletters/Consumer-Advocate/September-2013/AG-Files-Enforcement-Actions-Against-Home-Security)
- <sup>1197</sup> **What Consumer Complaints Reveal about the Solar Industry**, Campaign for Accountability, [campaignforaccountability.org/work/what-consumer-complaints-reveal-about-the-solar-industry/](http://campaignforaccountability.org/work/what-consumer-complaints-reveal-about-the-solar-industry/)
- <sup>1198</sup> Lucy Campbell, **Vivint Solar, Inc VSLR 401(k) / ERISA Lawsuit**, Vivint Solar, Inc has been accused of securities fraud, Layers and Settlements, [lawyersandsettlements.com/lawsuit/vivint-solar-inc-vslr-securities-erisa.html](http://lawyersandsettlements.com/lawsuit/vivint-solar-inc-vslr-securities-erisa.html)

---

<sup>1199</sup> Art Raymond, **New Mexico A.G. files fraud, racketeering suit against Vivint Solar**, Mar 9, 2018. [deseretnews.com/article/900012589/new-mexico-ag-files-fraud-racketeering-suit-against-vivint-solar.html](https://deseretnews.com/article/900012589/new-mexico-ag-files-fraud-racketeering-suit-against-vivint-solar.html)

<sup>1200</sup> Tyler Durden, **Meet Wall Street: Your New Landlord**, Dec 20, 2013. [zerohedge.com/news/2013-12-20/meet-wall-street-your-new-landlord](https://zerohedge.com/news/2013-12-20/meet-wall-street-your-new-landlord) citing **Blackstone's Big Bet on Rental Homes**, Bloomberg.com, [bloomberg.com/graphics/infographics/blackstones-big-bet-on-rental-homes.html](https://bloomberg.com/graphics/infographics/blackstones-big-bet-on-rental-homes.html)

<sup>1201</sup> Tyler Durden, **America's Largest Landlord To Make \$550 Million Bet On Trailer Parks**, Sep 16, 2020. [activistpost.com/2020/09/americas-largest-landlord-to-make-550-million-bet-on-trailer-parks.html](https://activistpost.com/2020/09/americas-largest-landlord-to-make-550-million-bet-on-trailer-parks.html)

<sup>1202</sup> By S. Nasiripour and H. Parmar, **Schwarzman's Wallet Props Up Wall Street Elite's Giving to Trump**, Aug 6, 2020. [bloomberg.com/news/articles/2020-08-06/schwarzman-s-wallet-props-up-wall-street-elite-s-giving-to-trump](https://bloomberg.com/news/articles/2020-08-06/schwarzman-s-wallet-props-up-wall-street-elite-s-giving-to-trump)

<sup>1203</sup> Hayley C. Cuccinello, **Blackstone Billionaire Stephen Schwarzman Optimistic On U.S.-China Trade Talks But Not The Wealth Tax**, Nov 6, 2019. [forbes.com/sites/hayleycuccinello/2019/11/06/blackstone-stephen-schwarzman-us-china-trade-talks-wealth-tax/#332ee09e330e](https://forbes.com/sites/hayleycuccinello/2019/11/06/blackstone-stephen-schwarzman-us-china-trade-talks-wealth-tax/#332ee09e330e)

<sup>1204</sup> Dr. Magda Havas, **Dirty Electricity Explained**, Magda Havas YouTube Channel, Dec 5, 2009. [youtu.be/vbebpRvwd8k](https://youtu.be/vbebpRvwd8k)

<sup>1205</sup> **Solar Energy Systems Put Dirty Electricity on Electrical Wiring**, Stetzer Electric, Inc. [stetzerelectric.com/milham-solar-puts-dirty-electricity-on-electrical-wiring/](https://stetzerelectric.com/milham-solar-puts-dirty-electricity-on-electrical-wiring/)

<sup>1206</sup> **It's time to EMF off!** Lewis Evans YouTube Channel, Aug 23, 2018. [youtu.be/yHbYE\\_k9ZXw](https://youtu.be/yHbYE_k9ZXw)

<sup>1207</sup> Catherine Kleiber, **Inadequate Regulation of Electronic Product Radiation by FDA Causes Electrosensitivity a.k.a Radiofrequency/Microwave Sickness**, ElectricalPollution.com, Feb 12, 2020. <http://electricalpollution.com/documents/PressReleaseFDANegligence12Feb2020.pdf>

<sup>1208</sup> Dr. Magda Havas, et al., **Provocation study using heart rate variability shows microwave radiation from 2.4 GHz cordless phone affects autonomic nervous system**, *European Journal of Oncology* 5, Jan 2010. [researchgate.net/publication/228993615\\_Provocation\\_study\\_using\\_heart\\_rate\\_variability\\_shows\\_microwave\\_radiation\\_from\\_24\\_GHz\\_cordless\\_phone\\_affects\\_autonomic\\_nervous\\_system](https://researchgate.net/publication/228993615_Provocation_study_using_heart_rate_variability_shows_microwave_radiation_from_24_GHz_cordless_phone_affects_autonomic_nervous_system)

<sup>1209</sup> Dr. Magda Havas, **Radiation from wireless technology affects the blood, the heart, and the autonomic nervous system**, *Rev Environ Health*, 2013, Vol 28(2-3): 75–84. [abc.net.au/catalyst/download/Havas%20-%20spread%20of%20WiFi%20and%20risks%202013.pdf](https://abc.net.au/catalyst/download/Havas%20-%20spread%20of%20WiFi%20and%20risks%202013.pdf)

- 
- <sup>1210</sup> Magda Havas, PhD, **Radiation from wireless technology affects the blood, the heart, and the autonomic nervous system**, *Rev Environ Health*, 2013, Vol 28(2-3): 75–84. [wirelessrighttoknow.com/wp-content/uploads/2011/12/Havas2013.pdf](http://wirelessrighttoknow.com/wp-content/uploads/2011/12/Havas2013.pdf)
- <sup>1211</sup> David T. Ratcliffe, **Nuclear Witnesses, Insiders Speak Out: Rosalie Bertell, Mathematician and Medical Researcher**, Article: 914 of *sgi.talk.ratical*, radical.org, November 25, 1992, Silicon Graphics, Inc., [ratical.org/radiation/inetSeries/nwRB.html](http://ratical.org/radiation/inetSeries/nwRB.html)
- <sup>1212</sup> Karen Charman, **Remembering Rosalie Bertell, the “Anti-nuclear Nun,”** *Capitalism Nature Socialism*, Vol 23 (4), Dec 2012. [karencharman.com/images/CNS.RosalieBertell.pdf](http://karencharman.com/images/CNS.RosalieBertell.pdf)
- <sup>1213</sup> *ibid*
- <sup>1214</sup> **Nuclear Witnesses, Insiders Speak Out: Rosalie Bertell, Mathematician and Medical Researcher**, Nov 25, 1992. [ratical.org/radiation/inetSeries/nwRB.html](http://ratical.org/radiation/inetSeries/nwRB.html)
- <sup>1215</sup> Dr. Robert O. Becker, **Cross Currents – The Perils of Electropollution, The Promise of Electromedicine**, Jeremy P. Tarcher, Penguin Group, New York, 1990.
- <sup>1216</sup> Christopher Ketcham, **Warning: Your Cell Phone May Be Hazardous to Your Health**, Jan 26, 2010. [gq.com/story/warning-cell-phone-radiation](http://gq.com/story/warning-cell-phone-radiation)
- <sup>1217</sup> Magda Havas, PhD, **Radiation from wireless technology affects the blood, the heart, and the autonomic nervous system**, *Rev Environ Health*, 2013, Vol 28(2-3): 75–84. [wirelessrighttoknow.com/wp-content/uploads/2011/12/Havas2013.pdf](http://wirelessrighttoknow.com/wp-content/uploads/2011/12/Havas2013.pdf)
- <sup>1218</sup> Dr. Dietrich Klinghardt, **The Human Longevity Project, Episode 1 – The Truth About Aging: Can It Be Slowed or Even Reversed?**, YouTube.com, May 4, 2018. [youtu.be/4mTjVczcl\\_w](http://youtu.be/4mTjVczcl_w)
- <sup>1219</sup> David T. Ratcliffe, **Nuclear Witnesses, Insiders Speak Out: Rosalie Bertell, Mathematician and Medical Researcher**, Article: 914 of *sgi.talk.ratical*, radical.org, Nov 25, 1992, Silicon Graphics, Inc. [ratical.org/radiation/inetSeries/nwRB.html](http://ratical.org/radiation/inetSeries/nwRB.html)
- <sup>1220</sup> Reynard Loki, **Our cellphone addiction is turning wireless tech into an invisible weapon that’s destroying wildlife**, July 13, 2018. [salon.com/2018/07/13/our-cellphone-addiction-is-turning-wireless-tech-into-an-invisible-weapon-that-is-destroying-wildlife\\_partner/](http://salon.com/2018/07/13/our-cellphone-addiction-is-turning-wireless-tech-into-an-invisible-weapon-that-is-destroying-wildlife_partner/)
- <sup>1221</sup> Elias Marat, **Below 1%": The Monarch Butterfly Is Approaching Total and Irreversible Extinction**, Jan 2019. [themindunleashed.com/2019/01/monarch-butterfly-extinction.html](http://themindunleashed.com/2019/01/monarch-butterfly-extinction.html)
- <sup>1222</sup> **Bumblebee Has Officially Been Added To The Ever-Growing List of Endangered Species**, , Jan 19, 2019. [higherperspectives.com/bumblebee-added-endangered-species-list-2626490671.html](http://higherperspectives.com/bumblebee-added-endangered-species-list-2626490671.html)
- <sup>1223</sup> **Does Progeria Affect All Races?**, [answers.com/Q/Does\\_progeria\\_affect\\_all\\_races](http://answers.com/Q/Does_progeria_affect_all_races)

- 
- <sup>1224</sup> **File:Hutchinson-Gilford Progeria Syndrome.png**, [commons.wikimedia.org/wiki/File:Hutchinson-Gilford\\_Progeria\\_Syndrome.png](https://commons.wikimedia.org/wiki/File:Hutchinson-Gilford_Progeria_Syndrome.png)
- <sup>1225</sup> Kara N Shah, MD, PhD, **Hutchinson-Gilford Progeria**, EMedicine.Medscape.com, Feb 8, 2017. [emedicine.medscape.com/article/1117344-overview#a6](https://emedicine.medscape.com/article/1117344-overview#a6)
- <sup>1226</sup> **Progeria**, [medical-dictionary.thefreedictionary.com/progeria](https://medical-dictionary.thefreedictionary.com/progeria)
- <sup>1227</sup> L.B. Gordon, M.D., et al., **Hutchinson-Gilford Progeria Syndrome**, *Gene Reviews*, Dec 12, 2003. [ncbi.nlm.nih.gov/books/NBK1121/](https://ncbi.nlm.nih.gov/books/NBK1121/)
- <sup>1228</sup> F.N. Bray, et al., **Acute and Chronic Cutaneous Reactions to Ionizing Radiation Therapy**, *Dermatol Ther (Heidelb)*, June 2016, Vol 6(2): 185–206 [ncbi.nlm.nih.gov/pmc/articles/PMC4906114/](https://ncbi.nlm.nih.gov/pmc/articles/PMC4906114/)
- <sup>1229</sup> **Radiation sickness: 8 terrifying symptoms**, CBSNews.com, 2018. [cbsnews.com/pictures/radiation-sickness-8-terrifying-symptoms/6/](https://cbsnews.com/pictures/radiation-sickness-8-terrifying-symptoms/6/)
- <sup>1230</sup> **Facial Spider Veins - Causes, Prevention and Treatment**, DermaNetwork.org, 2018. [dermanetwork.org/article/skin-conditions/facial-veins-1](https://dermanetwork.org/article/skin-conditions/facial-veins-1)
- <sup>1231</sup> Kara N Shah, MD, PhD, **Hutchinson-Gilford Progeria**, EMedicine.Medscape.com, Feb 8, 2017. [emedicine.medscape.com/article/1117344-overview#a6](https://emedicine.medscape.com/article/1117344-overview#a6)
- <sup>1232</sup> V. Swahari, **Speeding up the clock: The past, present and future of progeria**, *Development, Growth and Differentiation*, 2016, Vol 58(1): 116:130, [onlinelibrary.wiley.com/doi/full/10.1111/dgd.12251](https://onlinelibrary.wiley.com/doi/full/10.1111/dgd.12251) citing R.C.M. Hennekam, **Hutchinson-Gilford Progeria Syndrome: review of the phenotype**, 2006, *Am. J. Med. Genet.* Vol 140A: 2603–2624.
- <sup>1233</sup> **Hutchinson-Gilford progeria syndrome**, NIH – U.S. National Library of Medicine. [ghr.nlm.nih.gov/condition/hutchinson-gilford-progeria-syndrome#inheritance](https://ghr.nlm.nih.gov/condition/hutchinson-gilford-progeria-syndrome#inheritance)
- <sup>1234</sup> **De novo**, [en.wikipedia.org/wiki/De\\_novo](https://en.wikipedia.org/wiki/De_novo)
- <sup>1235</sup> **Progeria: What Causes and Other Similar Syndromes**, BestOnlineMD.com, [bestonlinemd.com/progeria-causes-early-death/](https://bestonlinemd.com/progeria-causes-early-death/)
- <sup>1236</sup> **Progeria**, [dictionary.sensagent.com/Progeria/en-en/](https://dictionary.sensagent.com/Progeria/en-en/) citing M. Eriksson et al., **Recurrent de novo point mutations in lamin A cause Hutchinson-Gilford progeria syndrome**, *Nature*, 2003, Vol 423(6937): 293–298.
- <sup>1237</sup> **De Novo Mutation**, [medical-dictionary.thefreedictionary.com/De+novo+mutation](https://medical-dictionary.thefreedictionary.com/De+novo+mutation)
- <sup>1238</sup> **Progeria: What Causes and Other Similar Syndromes**, BestOnlineMD.com, [bestonlinemd.com/progeria-causes-early-death/](https://bestonlinemd.com/progeria-causes-early-death/)
- <sup>1239</sup> **Radiation sickness: 8 terrifying symptoms**, 2018. [cbsnews.com/pictures/radiation-sickness-8-terrifying-symptoms/6/](https://cbsnews.com/pictures/radiation-sickness-8-terrifying-symptoms/6/)

- 
- <sup>1240</sup> **18 Amazing Statistics of Progeria**, 2018. [healthresearchfunding.org/18-amazing-statistics-progeria/](http://healthresearchfunding.org/18-amazing-statistics-progeria/)
- <sup>1241</sup> Nancy Walker, **Progeria: A Rare Premature Aging Disease**, ReportsHealthcare.com, Mar 13, 2018. [reportshealthcare.com/progeria-a-weird-premature-aging-disease/](http://reportshealthcare.com/progeria-a-weird-premature-aging-disease/)
- <sup>1242</sup> **What Is Radiation?**, HPS Specialists in Radiation Protection, HPS.org, 2016. [hps.org/publicinformation/ate/faqs/whatisradiation.html](http://hps.org/publicinformation/ate/faqs/whatisradiation.html)
- <sup>1243</sup> Olivia, **Difference Between Natural and Artificial Radioactivity**, May 30, 2011. [differencebetween.com/difference-between-natural-and-vs-artificial-radioactivity/](http://differencebetween.com/difference-between-natural-and-vs-artificial-radioactivity/)
- <sup>1244</sup> Dr. Robert O. Becker, **Cross Currents – The Perils of Electropollution, The Promise of Electromedicine**, Jeremy P. Tarcher, Penguin Group, New York, 1990.
- <sup>1245</sup> Left Image - **File:Hutchinson-Gilford Progeria Syndrome.png**, [commons.wikimedia.org/wiki/File:Hutchinson-Gilford\\_Progeria\\_Syndrome.png](https://commons.wikimedia.org/wiki/File:Hutchinson-Gilford_Progeria_Syndrome.png) and Right Image - Dr. Carol Phillips, **Ultrasound Research**, YouTube.com, November 28, 2012. [youtu.be/-8szqgtX\\_GQ](https://youtu.be/-8szqgtX_GQ) showing video footage from **Fetal Effects of Ultrasound: A Growing Controversy**, aired on Cable News Network in 1993.
- <sup>1246</sup> D. Liebeskind, et al., **Diagnostic Ultrasound: Time Lapse and Transmission Electron Microscopic Studies of Cells Isonated *In Vitro***, *Br. J.Cancer*, 1982, Vol. 45, Suppl. Vz; 176-185. [europepmc.org/scanned?pageindex=1&articles=PMC2149293](http://europepmc.org/scanned?pageindex=1&articles=PMC2149293)
- <sup>1247</sup> Images taken from the video, **Take Back Your Power**, by Josh del Sol, with thanks to Dr. Frank Springob and [TakeBackYourPower.net](http://TakeBackYourPower.net). Watch the full video here: [youtu.be/8ZTiT9ZSg3Q](https://youtu.be/8ZTiT9ZSg3Q)
- <sup>1248</sup> Emily Casanova, **The Biology of Ultrasound**, ScienceOverACuppa.com, Jan 10, 2013. [scienceoveracuppa.com/2013/01/10/the-biology-of-ultrasound/](http://scienceoveracuppa.com/2013/01/10/the-biology-of-ultrasound/)
- <sup>1249</sup> H. Honda, et al., **Role of intracellular calcium ions and reactive oxygen species in apoptosis induced by ultrasound**, 2004, *Ultrasound Med Biol*, Vol 30: 683–692. [onlinelibrary.wiley.com/doi/full/10.7863/jum.2010.29.6.963](http://onlinelibrary.wiley.com/doi/full/10.7863/jum.2010.29.6.963)
- <sup>1250</sup> Dr. Mercola, **‘Wi-Fried’ — Is Wireless Technology Dooming a Generation to Ill Health?**, Mar 31, 2018. [articles.mercola.com/sites/articles/archive/2018/03/31/emf-exposure-wireless-technology.aspx](http://articles.mercola.com/sites/articles/archive/2018/03/31/emf-exposure-wireless-technology.aspx)
- <sup>1251</sup> Dr. Mercola, **‘Wi-Fried’ — Is Wireless Technology Dooming a Generation to Ill Health?**, Mar 31, 2018, [articles.mercola.com/sites/articles/archive/2018/03/31/emf-exposure-wireless-technology.aspx](http://articles.mercola.com/sites/articles/archive/2018/03/31/emf-exposure-wireless-technology.aspx) citing Larry Greenmeier, **How Might Cell Phone Signals Cause Cancer?**, May 27, 2016, [scientificamerican.com/article/how-might-cell-phone-signals-cause-cancer1/](http://scientificamerican.com/article/how-might-cell-phone-signals-cause-cancer1/)
- <sup>1252</sup> **Learning About Progeria**, National Human Genome Research Institute, 2013. [genome.gov/11007255/learning-about-progeria/](http://genome.gov/11007255/learning-about-progeria/)

- 
- <sup>1253</sup> Heinrich Hertz, [famousscientists.org/heinrich-hertz/](https://famousscientists.org/heinrich-hertz/)
- <sup>1254</sup> Philipp Eduard Anton von Lenard – Biographical, 2018. [nobelprize.org/prizes/physics/1905/lenard/biographical/](https://nobelprize.org/prizes/physics/1905/lenard/biographical/)
- <sup>1255</sup> Christopher Jon Bjerknes, **Albert Einstein: The Incurable Plagiarist**, Xtx Inc. First edition, Jul 2002.
- <sup>1256</sup> Richard Gunderman, **When science gets ugly – the story of Philipp Lenard and Albert Einstein**, Jun 16, 2015. [theconversation.com/when-science-gets-ugly-the-story-of-philipp-lenard-and-albert-einstein-43165](https://theconversation.com/when-science-gets-ugly-the-story-of-philipp-lenard-and-albert-einstein-43165)
- <sup>1257</sup> Christopher Jon Bjerknes, **Albert Einstein, The Incurable Racist**, CreateSpace Independent Publishing Platform, Edition 1, Jan 22, 2016.
- <sup>1258</sup> ProWhiteParty, **Albert Einstein: Plagiarist and Fraud**, Jan 19, 2018. [prowhiteparty.wordpress.com/2018/01/19/albert-einstein-plagiarist-and-fraud-5/](https://prowhiteparty.wordpress.com/2018/01/19/albert-einstein-plagiarist-and-fraud-5/)
- <sup>1259</sup> J.E. Alexis, **Was Einstein a Wife Beater, Womanizer, Plagiarizer, and Eugenicist? (Part I)**, Nov 4, 2013. [veteranstoday.com/2013/11/04/was-einstein-a-wife-beater-womanizer-plagiarizer-and-eugenicist-part-i/](https://veteranstoday.com/2013/11/04/was-einstein-a-wife-beater-womanizer-plagiarizer-and-eugenicist-part-i/)
- <sup>1260</sup> **Did Radiation From Cell Phones Cause UK's 100% Increase in Early Dementia Starting at 30**, [rfsafe.com/radiation-cell-phones-cause-uks-100-increase-early-dementia-starting-30/](https://rfsafe.com/radiation-cell-phones-cause-uks-100-increase-early-dementia-starting-30/)
- <sup>1261</sup> Norbert Myslinski, PhD, **Alzheimer's Disease and the Blood-Brain Barrier**, *Today's Geriatric Medicine*, Vol.7 (1): 26. [todaysgeriatricmedicine.com/archive/012014p26.shtml](https://todaysgeriatricmedicine.com/archive/012014p26.shtml)
- <sup>1262</sup> Rich Haridy, **Leaky blood-brain barrier identified as potential early-warning sign for Alzheimer's**, Jan 15, 2019. [newatlas.com/alzheimers-blood-brain-barrier-early-sign-treatment/58056/](https://newatlas.com/alzheimers-blood-brain-barrier-early-sign-treatment/58056/)
- <sup>1263</sup> L.G. Salford, et al., **Nerve cell damage in mammalian brain after exposure to microwaves from GSM mobile phones**, *Environ Health Perspect*, Jun 2003, Vol 111(7): 881–883. [ncbi.nlm.nih.gov/pmc/articles/PMC1241519/](https://ncbi.nlm.nih.gov/pmc/articles/PMC1241519/)
- <sup>1264</sup> Christopher Ketcham, **Warning: Your Cell Phone May Be Hazardous to Your Health**, Jan 26, 2010. [gq.com/story/warning-cell-phone-radiation](https://gq.com/story/warning-cell-phone-radiation)
- <sup>1265</sup> Karl Muller, in his submission to the High Court of South Africa (Western Cape Division, Cape Town), Case No. 22414/2017, Aug 20, 2018, addressed to The Hon Patricia de Lille, Executive Mayor of Cape Town.
- <sup>1266</sup> **The Work of Leif Salford**, Cellular Phone Task Force, 2019, [cellphonetaskforce.org/the-work-of-leif-salford/](https://cellphonetaskforce.org/the-work-of-leif-salford/) citing R.R. Bertil, et al., **Blood-brain barrier permeability in rats exposed to electromagnetic fields used in wireless communication**, *Wireless Networks*, Nov 1997, Volume 3(6): 455–461, and L.G. Salford, et al., **Nerve cell damage in mammalian brain after exposure to microwaves from GSM**

---

**mobile phones**, *Environ Health Perspect*, Jun 2003, Vol 111(7): 881–883, and L.G. Salford, MD., **Non-thermal effects of EMF upon the mammalian brain**, 2006, Presentation made an international conference entitled “*The Precautionary EMF Approach: Rationale, Legislation and Implementation*”, convened by the International Commission for Electromagnetic Safety and hosted by the City of Benevento, Italy, and L. Salford, et al., **The Mammalian Brain in the Electromagnetic Fields Designed by Man with Special Reference to Blood-Brain Barrier Function, Neuronal Damage and Possible Physical Mechanisms**, Jan 2008, Conference Paper, *Progress of Theoretical Physics*, Supplement 173(173):283-309, and H. Nittby, et al., **Cognitive impairment in rats after long-term exposure to GSM-900 mobile phone radiation**, *Bio Electro Magnetics*, Apr 2008, Vol 29(3): 219-232, and H. Nittby, et al., **Radiofrequency and extremely low-frequency electromagnetic field effects on the blood-brain barrier**, *Electromagn Biol Med*, 2008, Vol 27(2): 103-26, and H. Nittby, et al., **Increased blood-brain barrier permeability in mammalian brain 7 days after exposure to the radiation from a GSM-900 mobile phone**, *Pathophysiology*, Aug 2009, Vol 16(2-3): 103-12 and M.N. Halgamuge, et al., **Comparison Between Two Models for Interactions Between Electric and Magnetic Fields and Proteins in Cell Membranes**, *Environmental Engineering Science*, Apr 2014, Vol 26: 1473-1480.

<sup>1267</sup> Helen Thomson, **Breaking and Entering**, *New Scientist*, Jun 21, 2014, Vol. 222(2974): 8-9.

<sup>1268</sup> Joseph T. McCabe et al., **Application of High-Intensity Focused Ultrasound to the Study of Mild Traumatic Brain Injury**, *Ultrasound in Medicine & Biology*, May 2014, Vol 40(5): 965–978. [sciencedirect.com/science/article/pii/S0301562913011976](https://www.sciencedirect.com/science/article/pii/S0301562913011976)

<sup>1269</sup> **The Second Coming of Ultrasound**, HowToCleanseTheLiver.org, Jan. 23, 2018. [howtocleansetheliver.org/the-second-coming-of-ultrasound/](http://howtocleansetheliver.org/the-second-coming-of-ultrasound/)

<sup>1270</sup> **Phones, tablets, and their impact on kids’ brains**, [cbsnews.com/news/phones-tablets-and-their-impact-on-kids-brains-60-minutes/](http://cbsnews.com/news/phones-tablets-and-their-impact-on-kids-brains-60-minutes/)

<sup>1271</sup> Gaby Galvin, **Screen Time Study Shows Differences in Kids’ Brains**, US News, Dec 10, 2018. [usnews.com/news/health-news/articles/2018-12-10/screen-time-study-shows-differences-in-kids-brains-test-performance](http://usnews.com/news/health-news/articles/2018-12-10/screen-time-study-shows-differences-in-kids-brains-test-performance)

<sup>1272</sup> Jacques H. Bauer, **5G Apocalypse London**, Miles Johnston YouTube channel, Sep 28, 2019. [youtu.be/oJ43utmcm\\_c](https://youtu.be/oJ43utmcm_c)

<sup>1273</sup> Tracey Romero, **The number of millennials with early-onset Alzheimer's disease is surging, report finds**, Feb 28, 2020. [phillyvoice.com/millennials-early-onset-dementia-alzheimers/](http://phillyvoice.com/millennials-early-onset-dementia-alzheimers/)

<sup>1274</sup> Dr. Ken Sharlin, M.D., **Role of Mitochondria in Alzheimer's Disease**, Mitochondrial Summit, Dec 10, 2019. [mitochondrialsummit.com/expert/ken-sharlin/](http://mitochondrialsummit.com/expert/ken-sharlin/)

<sup>1275</sup> **Posterior Cortical Atrophy**, Alzheimer’s Association, [alz.org/alzheimers-dementia/what-is-dementia/types-of-dementia/posterior-cortical-atrophy](http://alz.org/alzheimers-dementia/what-is-dementia/types-of-dementia/posterior-cortical-atrophy)

---

<sup>1276</sup> **Did Radiation From Cell Phones Cause UK's 100% Increase in Early Dementia Starting at 30**, [rfsafe.com/radiation-cell-phones-cause-uks-100-increase-early-dementia-starting-30/](https://rfsafe.com/radiation-cell-phones-cause-uks-100-increase-early-dementia-starting-30/)

<sup>1277</sup> Paul Heroux, as quoted in **Opponents Say Illinois Should Put Brakes on 5G**, Mary Schuermann Kuhlman, Aug 30, 2019. [publicnewsservice.org/2019-08-30/health/opponents-say-illinois-should-put-brakes-on-5g/a67632-1](https://publicnewsservice.org/2019-08-30/health/opponents-say-illinois-should-put-brakes-on-5g/a67632-1)

<sup>1278</sup> David Jelke, **'Leave No Child Offline,' Pleads FCC Commissioner Jessica Rosenworcel, and Brendan Carr and Rep. Mike Doyle**, Mar 4, 2020. [broadbandbreakfast.com/2020/03/leave-no-child-offline-pleads-fcc-commissioner-jessica-rosenworcel-and-brendan-carr-and-rep-mike-doyle/](https://broadbandbreakfast.com/2020/03/leave-no-child-offline-pleads-fcc-commissioner-jessica-rosenworcel-and-brendan-carr-and-rep-mike-doyle/)

<sup>1279</sup> S. Greenfield, Ph.D., **Digital Dementia**, Jul 1, 2015. [psychologytoday.com/us/blog/mind-change/201507/digital-dementia](https://psychologytoday.com/us/blog/mind-change/201507/digital-dementia)

<sup>1280</sup> J. Nicks, **A Brief Overview of What is Digital Dementia**, Mar 19, 2018. [techspirited.com/what-is-digital-dementia](https://techspirited.com/what-is-digital-dementia)

<sup>1281</sup> B. Sirav and N. Seyhan,, **Effects of radio-frequency radiation on the permeability of blood-brain barrier**, *Medical Science and Discovery*, 2016, Vol 3(5): 206-12 [dergipark.gov.tr/download/article-file/183966](https://dergipark.gov.tr/download/article-file/183966) citing H. Nittby H, et al., **Cognitive impairment in rats after long-term exposure to GSM-900 mobile phones**, *Bioelectromagnetics*, 2008, Vol 29: 219–232 and L.Y. Belyaev, et al., **Exposure of rat brain to 915MHz GSM microwaves induces changes in gene expression but not double stranded DNA breaks or effects on chromatin conformation**, *Bioelectromagnetics*, 2006, Vol 27: 295–306 and H. Nittby, et al., **Exposure to radiation from global system for mobile communications at 1800MHz significantly changes gene expression in rat hippocampus and cortex**, *Environmentalist*, 2008, (published online ahead of print 15 April 2008) and H. Lai , et al., **Opioid receptor subtypes that mediate a microwave induced decrease in central cholinergic activity in the rat**, *Bioelectromagnetics*, 1992, Vol 13: 237–246 and F Vecchio, et al, **Mobile phone emission modulated interhemispheric functional coupling of EEG alpha rhythms**, *Eur. J. Neurosci*, 2007, Vol 25: 1908–1913 and L Hardell, et al., **Case–control study on cellular and cordless phones and the risk for acoustic neuroma or meningioma in patients diagnosed 2000–2003**, *Neuroepidemiology*, 2005, Vol 25: 120–128.

<sup>1282</sup> Amy Worthington, Wi-Cancer.info, [http://wi-cancer.info/new\\_home.aspx](http://wi-cancer.info/new_home.aspx) citing the April 2004 newsletter of the Associated BioElectromagnetics Technologists, and Worthington, **Generation X'd Out: An End to the Human Race as We've Known It?** *Idaho Observer*, Jan/Feb 2009 and Stewart, et al., **Survey of Childhood Malignancies**, *British Medical Journal*, 1958, p 1495, and A. Stewart et al., **Radiation Dose Effects in Relation to Obstetrics, X Ray and Childhood Cancer**, *Lancet* 1 (1970): 1185-1187, and B. MacMahon, **Prenatal X-ray Exposure and Childhood Cancer**, *Journal of the National Cancer Institute*, 1962, Vol 28: 1173, and I. Belyaev, **Risk Assessment of Chronic Exposures To Non-Thermal Microwaves from Mobile Communication**, Slovak Academy of Sciences, 05-13-2014 and **Fetal Exposure to Radiation Increases Risk of Testicular Cancer**, University of Texas, MD. Anderson Cancer Center, 02-13-2012.



- 
- <sup>1283</sup> Grassroots Environmental Education, **5G Faces its Biggest Obstacle: Health Impacts**, Sep 20, 2018. [prnewswire.com/news-releases/5g-faces-its-biggest-obstacle-health-impacts-300716467.html](https://prnewswire.com/news-releases/5g-faces-its-biggest-obstacle-health-impacts-300716467.html)
- <sup>1284</sup> L. Lloyd Morgan, et al., **Why children absorb more microwave radiation than adults: The consequences**, *Journal of Microscopy and Ultrastructure*, Dec 2014, Vol 2(4): 197-204, [sciencedirect.com/science/article/pii/S2213879X14000583](https://sciencedirect.com/science/article/pii/S2213879X14000583) citing J. Wiart, et al., **Analysis of RF exposure in the head tissues of children and adults**, *Phys Med Biol*, 2008, Vol 53(13) (2008):3681-3695 and N. Kuster, **Past, current, and future research on the exposure of children**, Foundation for Research on Information Technology in Society (IT<sup>2</sup>S), Foundation Internal Report (2009).
- <sup>1285</sup> Tom Butler, **On the Clear Evidence of the Risks to Children from Smartphone and WiFi Radio Frequency Radiation**, University College Cork, Ireland citing Andreas Christ, et al, **Age-dependent tissue-specific exposure of cell phone users**, *Physics in medicine and biology*, 2010, Vol 55(7): 1767 and J. Keshvari, et al, **The effect of increase in dielectric values on specific absorption rate (SAR) in eye and head tissues following 900, 1800 and 2450 MHz radio frequency (RF) exposure**, *Physics in Medicine and Biology*, 2006, Vol 51(6), 1463.
- <sup>1286</sup> Arthur Firstenberg, **Cell Phones And Wireless Dangers - The Fundamentals**, Oct 5, 2007. [educate-yourself.org/cn/wirelessandcellphonedangers05oct07.shtml](https://educate-yourself.org/cn/wirelessandcellphonedangers05oct07.shtml) citing A.H. Frey, et al, **Neural Function and Behavior**, *Annals of the New York Academy of Sciences*, 1975, Vol 247: 433–439, and A.H. Frey, **Evolution and Results of Biological Research with Low-Intensity Nonionizing Radiation**, *Modern Bioelectricity*, ed. Andrew A. Marino (New York: Dekker, 1988), 785–837, at 809–810.
- <sup>1287</sup> **Is there a safe baby monitor with low radiation?**, [home-biology.com/electromagnetic-radiation/high-frequency-electromagnetic-fields/monitors-radiation](https://home-biology.com/electromagnetic-radiation/high-frequency-electromagnetic-fields/monitors-radiation)
- <sup>1288</sup> Grassroots Environmental Education, **Doctors Caution Pregnant Women About Wireless Radiation Health Risks**, Jul 1, 2015. [prnewswire.com/news-releases/doctors-caution-pregnant-women-about-wireless-radiation-health-risks-300107404.html](https://prnewswire.com/news-releases/doctors-caution-pregnant-women-about-wireless-radiation-health-risks-300107404.html)
- <sup>1289</sup> **Screen time associated with behavioral problems in preschoolers**, Apr 17, 2019. [neurosciencenews.com/screen-time-behavior-12004](https://neurosciencenews.com/screen-time-behavior-12004) citing S.K. Tamana, et al., **Screen-time is associated with inattention problems in preschoolers: Results from the CHILD birth cohort study**, Apr 17, 2019, *PLOS One*, [journals.plos.org/plosone/article?id=10.1371/journal.pone.0213995](https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0213995)
- <sup>1290</sup> Dr. Dietrich Klinghardt as quoted in **Take Back Your Power 2017 (Official) - smart meter documentary**, Josh del Sol YouTube channel, Aug 23, 2018. [youtu.be/8ZTiT9ZSg3Q](https://youtu.be/8ZTiT9ZSg3Q)
- <sup>1291</sup> **Ultrasound-Autism Connection?**, Ultrasound-Autism.org, [ultrasound-autism.org/](https://ultrasound-autism.org/) citing J.K. Grether, et al., **Antenatal ultrasound and risk of autism spectrum disorders**, *J Autism Dev Disord*, Feb 2010, Vol 40(2): 238-45 [ncbi.nlm.nih.gov/pubmed/19728066](https://ncbi.nlm.nih.gov/pubmed/19728066) and **S.B.C.** Eugenius, et al., **Prenatal exposure to ultrasound waves impacts neuronal**

---

**migration in mice**, *PNAS*, Aug 22, 2006, Vol 103(34): 12903-12910,  
[pnas.org/content/103/34/12903.full](https://pnas.org/content/103/34/12903.full)

<sup>1292</sup> R. Suresh, et al., **Effect of diagnostic ultrasound during the fetal period on learning and memory in mice**, *Annals of Anatomy*, 2008, Vol. 190:37-45.

<sup>1293</sup> Sarah Buckley, **Weighing the Risks**, *Mothering*, September/October 2000, Issue 102. [mothering.com/articles/weighing-the-risks-what-you-should-know-about-ultrasound/](https://mothering.com/articles/weighing-the-risks-what-you-should-know-about-ultrasound/)

<sup>1294</sup> R. Suresh, et al., **Long-term effects of diagnostic ultrasound during fetal period on postnatal development and adult behavior of mouse**, *Life Sciences*, June 2001, Vol 7;71(3):339-50. [ncbi.nlm.nih.gov/pubmed/12034351?dopt=Abstract](https://ncbi.nlm.nih.gov/pubmed/12034351?dopt=Abstract)

<sup>1295</sup> Jeanne Ohm, D.C., **Common Obstetrical Procedures and Their Link to Autism**, *Pregnancy*, Issue 21, Mar 1, 2009. [icpa4kids.org/Wellness-Articles/common-obstetrical-procedures-and-their-link-to-autism.html](https://icpa4kids.org/Wellness-Articles/common-obstetrical-procedures-and-their-link-to-autism.html)

<sup>1296</sup> Jordan Baker, **Schools must prepare for 50 per cent rise in students with disabilities: report**, Sep 2, 2020. [smh.com.au/national/nsw/schools-must-prepare-for-50-per-cent-rise-in-students-with-disabilities-report-20200902-p55rrm.htm](https://smh.com.au/national/nsw/schools-must-prepare-for-50-per-cent-rise-in-students-with-disabilities-report-20200902-p55rrm.htm)

<sup>1297</sup> See the following pdf pictorial for a full description of the extent of microwave radiation in new vehicles. Graph provided by Dr. Theodore P. Metsis.  
<file:///Users/jeanicebarcelo/Downloads/micro%20ovens%20on%20wheels.pdf>

<sup>1298</sup> Ruth Lythe, **Smart Meters Can Be Used To Spy On Your Home And Your Data Sold Anywhere**, Jan 12, 2016. [technocracy.news/smart-meters-can-used-spy-home-data-sold-anywhere/](https://technocracy.news/smart-meters-can-used-spy-home-data-sold-anywhere/)

<sup>1299</sup> **Smart Meter Transmission Frequency Claims – “Misinformation” or “Missing Information”?**, Jun 7, 2013. [smartgridawareness.org/2013/06/07/smart-meter-transmission-frequency-claims-misinformation-or-missing-information/](https://smartgridawareness.org/2013/06/07/smart-meter-transmission-frequency-claims-misinformation-or-missing-information/)

<sup>1300</sup> David Carpenter, M.D., et al., State University of New York at Albany, Institute for Health and Environment, Letter to Chairman Edward Finley of the North Carolina Utilities Commission, Aug 2, 2016. [img1.wsimg.com/blobby/go/920a12b2-eb7f-4fb1-bd1b-92d14b3f4973/downloads/1chdcf8\\_853208.pdf](https://img1.wsimg.com/blobby/go/920a12b2-eb7f-4fb1-bd1b-92d14b3f4973/downloads/1chdcf8_853208.pdf)

<sup>1301</sup> Erin Elizabeth, **Smart Meters: Countdown to a National Crisis of Illness and Death**, Aug 7, 2017. [healthnutnews.com/smart-meters-countdown-to-a-national-crisis-of-illness-and-death/](https://healthnutnews.com/smart-meters-countdown-to-a-national-crisis-of-illness-and-death/)

<sup>1302</sup> James Robert Deal, **Smart Meters are Illegal – Smart Meter Coalition Demands that Seattle and All Utilities Ban Smart Meteres and 5G**, Apr 24, 2018. [rumormillnews.com/cgi-bin/forum.cgi?read=98053](https://rumormillnews.com/cgi-bin/forum.cgi?read=98053)

<sup>1303</sup> **Smart Meters Dangers Well Known**, Matthews and Associates, Lawyers for the People, [dmlawfirm.com/smart-meters-dangers-well-known/](https://dmlawfirm.com/smart-meters-dangers-well-known/)

- 
- <sup>1304</sup> Amy Worthington, [wi-cancer.info/new\\_home.aspx](http://wi-cancer.info/new_home.aspx)
- <sup>1305</sup> P.G. Tocci, **Wireless Technology: Ultra Convenient. Endlessly Entertaining. Criminally Instigated. Terminally Pathological**, Feb. 9, 2019. [activistpost.com/2019/02/wireless-technology-ultra-convenient-endlessly-entertaining-criminally-instigated-terminally-pathological.html](http://activistpost.com/2019/02/wireless-technology-ultra-convenient-endlessly-entertaining-criminally-instigated-terminally-pathological.html)
- <sup>1306</sup> Jeff Chiacchieri, **Genetic, Economic & Political Destruction is Being Forced on America & the World**, Nov 16, 2017, p 4. [scribd.com/document/364635715/Genetic-Economic-Political-Destruction-is-Being-Forced-on-America-the-World](https://scribd.com/document/364635715/Genetic-Economic-Political-Destruction-is-Being-Forced-on-America-the-World)
- <sup>1307</sup> Martin Pall, PhD, **5G: Great risk for EU, U.S. and International Health!**, Released May 17, 2018, p 63. [peaceinspace.blogs.com/files/5g-emf-hazards--dr-martin-l.-pall--eu-emf2018-6-11us3.pdf](http://peaceinspace.blogs.com/files/5g-emf-hazards--dr-martin-l.-pall--eu-emf2018-6-11us3.pdf)
- <sup>1308</sup> Martin L. Pall, **5G: Great risk for EU, U.S. and International Health! Compelling Evidence for Eight Distinct Types of Great Harm Caused by Electromagnetic Field (EMF) Exposures and the Mechanism that Causes Them**, [peaceinspace.blogs.com/files/5g-emf-hazards--dr-martin-l.-pall--eu-emf2018-6-11us3.pdf](http://peaceinspace.blogs.com/files/5g-emf-hazards--dr-martin-l.-pall--eu-emf2018-6-11us3.pdf)
- <sup>1309</sup> Defendershield, **How EMF Exposure May Cause Depression, Anxiety & Other Mental Health Issues**, Dec 19, 2017. [defendershield.com/emf-exposure-depression-anxiety-mental-health-issues](http://defendershield.com/emf-exposure-depression-anxiety-mental-health-issues)
- <sup>1310</sup> **EMFs + Depression/Suicide**, [emfresearch.com/emfs-depression-suicide/](http://emfresearch.com/emfs-depression-suicide/)
- <sup>1311</sup> Robert F. Kennedy, as quoted by Conan Miller in **Lawsuit Challenges FCC Wireless Safety Standards**, Aug 20, 2020. [theepochtimes.com/lawsuit-challenges-fcc-wireless-safety-standards\\_3458350.html?eType=EmailBlastContent&eld=c4b8e232-2fa3-4416-a49b-c368044c395d](http://theepochtimes.com/lawsuit-challenges-fcc-wireless-safety-standards_3458350.html?eType=EmailBlastContent&eld=c4b8e232-2fa3-4416-a49b-c368044c395d)
- <sup>1312</sup> M.L. Pall, **Microwave frequency electromagnetic fields (EMFs) produce widespread neuropsychiatric effects including depression**, *Journal of Chemical Neuroanatomy*, Sept 2016, Vol 75, Part B: 43-51. [sciencedirect.com/science/article/pii/S0891061815000599](http://sciencedirect.com/science/article/pii/S0891061815000599)
- <sup>1313</sup> **Electromagnetic Radiation Poses Threat to Russians**, March 14, 2014. [phonescausebraincancer.com/electromagnetic-radiation-poses-threat-to-russians/](http://phonescausebraincancer.com/electromagnetic-radiation-poses-threat-to-russians/)
- <sup>1314</sup> Angela Haupt, **How to Cope When School Anxiety Lingers**, Oct 10, 2013. [health.usnews.com/health-news/health-wellness/articles/2013/10/10/how-to-cope-when-school-anxiety-lingers](http://health.usnews.com/health-news/health-wellness/articles/2013/10/10/how-to-cope-when-school-anxiety-lingers)
- <sup>1315</sup> Tracy Miller, **ADHD diagnoses in U.S. children rise 53% in the past decade, CDC data show**, Apr 1, 2013. [nydailynews.com/life-style/health/adhd-diagnoses-jump-53-decade-cdc-article-1.1304626](http://nydailynews.com/life-style/health/adhd-diagnoses-jump-53-decade-cdc-article-1.1304626)
- <sup>1316</sup> R. Varghese, et al., **Rats exposed to 2.45 GHz of non-ionizing radiation exhibit behavioral changes with increased brain expression of apoptotic caspase 3**, Mar 2015, *Pathophysiology*, Vol 25(1): 19-30. [sciencedirect.com/science/article/pii/S0928468017300524](http://sciencedirect.com/science/article/pii/S0928468017300524)

- 
- <sup>1317</sup> J.H. Kim, et al., **Long-term exposure to 835 MHz RF-EMF induces hyperactivity, autophagy and demyelination in the cortical neurons of mice**, *Scientific Reports*, 2017, Vol 7, Article number: 41129. [nature.com/articles/srep41129](https://www.nature.com/articles/srep41129)
- <sup>1318</sup> S. Dasdag et al, **Effects of 2.4 GHz radiofrequency radiation emitted from Wi-Fi equipment on microRNA expression in brain tissue**, *Int J Radiat Biol*, Jul 2015, Vol 91(7):555-61. [ncbi.nlm.nih.gov/pubmed/25775055](https://pubmed.ncbi.nlm.nih.gov/25775055)
- <sup>1319</sup> J.P. Zhang, **Effects of 1.8 GHz Radiofrequency Fields on the Emotional Behavior and Spatial Memory of Adolescent Mice**, *International Journal of Environmental Research and Public Health*, 2017, Vol 14, 1344. [mdpi.com/1660-4601/14/11/1344/pdf](https://www.mdpi.com/1660-4601/14/11/1344/pdf)
- <sup>1320</sup> N. Saikhedkar, et al., **Effects of mobile phone radiation (900 MHz radiofrequency) on structure and functions of rat brain**, *Neurol Res.*, Dec 2014, Vol 36(12): 1072-9. [ncbi.nlm.nih.gov/pubmed/24861496](https://pubmed.ncbi.nlm.nih.gov/24861496)
- <sup>1321</sup> C. Sage and E. Burgio, **Electromagnetic Fields, Pulsed Radiofrequency Radiation, and Epigenetics: How Wireless Technologies May Affect Childhood Development**, *Child Development*, Feb 2018, Vol 89(1): 129-136. [onlinelibrary.wiley.com/doi/abs/10.1111/cdev.12824](https://onlinelibrary.wiley.com/doi/abs/10.1111/cdev.12824)
- <sup>1322</sup> Paul Fassa, **Why The FDA Deserves to be Called The Fraud and Death Administration**, [realfarmacy.com/fda-deserves-called-fraud-death-administration/](https://realfarmacy.com/fda-deserves-called-fraud-death-administration/)
- <sup>1323</sup> Ty Bollinger, **The History of the AMA**, Feb 11, 2012. [cancertruth.net/ama-history/](https://cancertruth.net/ama-history/)
- <sup>1324</sup> Norm Alster, **How the Federal Communications Commission is Dominated by the Industries it Presumably Regulates**, Edmond J. Safra Center for Ethics, Harvard University, Cambridge, MA. [ethics.harvard.edu/files/center-for-ethics/files/capturedagency\\_alster.pdf](https://ethics.harvard.edu/files/center-for-ethics/files/capturedagency_alster.pdf)
- <sup>1325</sup> Zorach R. Glaser, PhD., **Bibliography of Reported Biological Phenomena (\*Effects') and Some Clinical Manifestations Attributed to Microwave and Radio-Frequency Radiation**, Naval Medical Research Institute, Project MF12.524.015-00043, Report No. 2, Naval Medical Research Institute, Bethesda, Maryland, October 4, 1971. [magdahavas.com/wordpress/wp-content/uploads/2010/06/Navy\\_Radiowave\\_Brief.pdf](https://magdahavas.com/wordpress/wp-content/uploads/2010/06/Navy_Radiowave_Brief.pdf)
- <sup>1326</sup> **Electromagnetic Fields from Mobile Phones: Health Effects on Children and Teenagers**, Apr 2011, as cited by Barrie Trower in **WiFi – A Thalidomide in the Making. Who Cares?**, Sep 2013. [emfsummit.com/wp-content/uploads/2014/10/WiFi-a-Thalidomide-in-the-making-who-cares.pdf](https://emfsummit.com/wp-content/uploads/2014/10/WiFi-a-Thalidomide-in-the-making-who-cares.pdf)
- <sup>1327</sup> Dina Fine, **Major Cell Phone Radiation Study Reignites Cancer Questions**, May 27, 2016. [scientificamerican.com/article/major-cell-phone-radiation-study-reignites-cancer-questions/](https://scientificamerican.com/article/major-cell-phone-radiation-study-reignites-cancer-questions/) citing **Report of Partial Findings from the National Toxicology Program Carcinogenesis Studies of Cell Phone Radiofrequency Radiation in Hsd: Sprague Dawley® SD rats (Whole Body Exposures)**, draft May 19, 2016 first posted online May 26, 2016. [biorxiv.org/content/biorxiv/early/2016/05/26/055699.full.pdf](https://www.biorxiv.org/content/biorxiv/early/2016/05/26/055699.full.pdf)

- 
- <sup>1328</sup> Stephanie L. Smith-Roe, et al., **Cell phone radiation and DNA damage**, Feb 11, 2020. [lennarthardellenglish.wordpress.com/2020/02/11/cell-phone-radiation-and-dna-damage/](https://lennarthardellenglish.wordpress.com/2020/02/11/cell-phone-radiation-and-dna-damage/) citing **Evaluation of the Genotoxicity of Cell Phone Radiofrequency Radiation in Male and Female Rats and Mice Following Subchronic Exposure**, *Environmental and Molecular Mutagenesis*, 2020, Vol 61:276-290 [onlinelibrary.wiley.com/doi/pdf/10.1002/em.22343](https://onlinelibrary.wiley.com/doi/pdf/10.1002/em.22343)
- <sup>1329</sup> State of Oklahoma, Second Session of the 56<sup>th</sup> Legislatures. 2018, House Bill 2872, Reg No. 8849.
- <sup>1330</sup> FDA, **Statement from Jeffrey Shuren, M.D., J.D., Director of the FDA's Center for Devices and Radiological Health on the National Toxicology Program's report on radiofrequency energy exposure**, Nov 1, 2018. [/tinyurl.com/3r6cz8xu](https://tinyurl.com/3r6cz8xu)
- <sup>1331</sup> **FDA finds 'insufficient evidence' to link cellphone radiation to cancer**, Feb 11, 2020. [healio.com/hematology-oncology/head-neck-cancer/news/online/{48041a2f-6a83-4a5a-bab9-1b3b3bec9f15}/fda-finds-insufficient-evidence-to-link-cellphone-radiation-to-cancer](https://healio.com/hematology-oncology/head-neck-cancer/news/online/{48041a2f-6a83-4a5a-bab9-1b3b3bec9f15}/fda-finds-insufficient-evidence-to-link-cellphone-radiation-to-cancer)
- <sup>1332</sup> **Cellphones don't cause cancer, FDA says**, Feb 12, 2020, [foxbusiness.com/technology/cellphones-dont-cause-cancer-fda-says](https://foxbusiness.com/technology/cellphones-dont-cause-cancer-fda-says)
- <sup>1333</sup> Brian Orelli, **FDA Confirms There's No Evidence That Cell Phones Cause Cancer**, Feb 12, 2020. [fool.com/investing/2020/02/12/fda-says-no-evidence-cell-phones-cause-cancer.aspx](https://fool.com/investing/2020/02/12/fda-says-no-evidence-cell-phones-cause-cancer.aspx)
- <sup>1334</sup> Sarah Fielding, **The FDA Announces That There Is No Link Between Cell Phones And Cancer After Reviewing A Decade of Scientific Publications**, Feb 13, 2020. [survivor.net/articles/the-fda-announces-that-there-is-no-link-between-cell-phones-and-cancer-after-reviewing-a-decade-of-scientific-publications/](https://survivor.net/articles/the-fda-announces-that-there-is-no-link-between-cell-phones-and-cancer-after-reviewing-a-decade-of-scientific-publications/)
- <sup>1335</sup> **US Brain Tumor Association, Brain Cancer #1 for Children 15-19 yrs While FDA Minimizes Risk From Conclusive NIH Study - US Brain Tumor Association.com**, Nov 5, 2018. [prnewswire.com/news-releases/brain-cancer-1-for-children-15-19-yrs-while-fda-minimizes-risk-from-conclusive-nih-study---us-brain-tumor-associationcom-300743742.html](https://prnewswire.com/news-releases/brain-cancer-1-for-children-15-19-yrs-while-fda-minimizes-risk-from-conclusive-nih-study---us-brain-tumor-associationcom-300743742.html) citing G. Zada, et al., **Incidence Trends in the Anatomic Location of Primary Malignant Brain Tumors in the United States: 1992–2006**, *World Neurosurgery*, Mar/Apr 2012, Vol 77(3/4): 518-524. [drive.google.com/file/d/0B52eO9Ue3w0UWWRGS0N5b0NvRXdDQk5saHluUXJjWTdLWUJr/view](https://drive.google.com/file/d/0B52eO9Ue3w0UWWRGS0N5b0NvRXdDQk5saHluUXJjWTdLWUJr/view). Also see FDA, **Cell Phones**, [fda.gov/radiation-emitting-products/home-business-and-entertainment-products/cell-phones](https://fda.gov/radiation-emitting-products/home-business-and-entertainment-products/cell-phones)
- <sup>1336</sup> M. Hertsgaard and M. Dowie, **The disinformation campaign & massive radiation increase behind the 5G rollout**, Apr 24, 2019. [newagora.ca/the-disinformation-campaign-and-massive-radiation-increase-behind-the-5g-rollout/](https://newagora.ca/the-disinformation-campaign-and-massive-radiation-increase-behind-the-5g-rollout/) citing **Interphone's Provocative Analysis of the Brain Tumor Risks**, May 17, 2010. [microwavenews.com/Interphone.Appendix2.html](https://microwavenews.com/Interphone.Appendix2.html)

- 
- <sup>1337</sup> **The Root of Thought: What Do Glial Cells Do?**, 2019. [scientificamerican.com/article/the-root-of-thought-what/](http://scientificamerican.com/article/the-root-of-thought-what/)
- <sup>1338</sup> B. Sirav and N. Seyhan,, **Effects of radio-frequency radiation on the permeability of blood-brain barrier**, *Medical Science and Discovery*, 2016, Vol 3(5): 206-12. [dergipark.gov.tr/download/article-file/183966](http://dergipark.gov.tr/download/article-file/183966)
- <sup>1339</sup> R.D. Fields and B. Stevens-Graham, **New Insights into Neuron-Glia Communication**, *Science*, Oct 18, 2002, Vol 298(5593): 556-562. [ncbi.nlm.nih.gov/pmc/articles/PMC1226318/](http://ncbi.nlm.nih.gov/pmc/articles/PMC1226318/)
- <sup>1340</sup> Martin Pall, PhD, **5G: Great risk for EU, U.S. and International Health!**, Released May 17, 2018, p 24-25. [peaceinspace.blogs.com/files/5g-emf-hazards--dr-martin-l.-pall--eu-emf2018-6-11us3.pdf](http://peaceinspace.blogs.com/files/5g-emf-hazards--dr-martin-l.-pall--eu-emf2018-6-11us3.pdf)
- <sup>1341</sup> M. De Pittà, **A Tale of Two Stories: Astrocyte Regulation of Synaptic Depression and Facilitation**, *PLOS Computational Biology*, Dec 1, 2001, [ploscompbiol.org/article/info:doi/10.1371/journal.pcbi.1002293](http://ploscompbiol.org/article/info:doi/10.1371/journal.pcbi.1002293)
- <sup>1342</sup> **The Second Coming of Ultrasound**, Jan. 23, 2018. [howtocleansetheliver.org/the-second-coming-of-ultrasound/](http://howtocleansetheliver.org/the-second-coming-of-ultrasound/) citing Y. Pan, et al., **Mechanogenetics for the remote and noninvasive control of cancer immunotherapy**, *PNAS*, Jan 30, 2018, Vol 115(5): 992-997, [pnas.org/content/115/5/992.abstract](http://pnas.org/content/115/5/992.abstract)
- <sup>1343</sup> Donald Glassey, **The Neuroglial Cell – Communication and Transportation Highway**, 2010 [web.archive.org/web/20170225214524/http://www.healtouch.com/csft/highway.html](http://web.archive.org/web/20170225214524/http://www.healtouch.com/csft/highway.html) citing “Guyton’s Textbook of Physiology”, Guyton and Hall, Saunders Co. 2000.
- <sup>1344</sup> Scott Zamurut, **Mystery of the Cerebrospinal Fluid**, [energyschool.com/downloads/The\\_Mystery\\_of\\_Cerebro\\_Spinal\\_Fluid-Zamurut.pdf](http://energyschool.com/downloads/The_Mystery_of_Cerebro_Spinal_Fluid-Zamurut.pdf)
- <sup>1345</sup> **The Frontal Lobe and Spirituality**, [jlfoundation.net/letthismind.html](http://jlfoundation.net/letthismind.html)
- <sup>1346</sup> **What happens in the brain during a spiritual experience?**, *Medicine News Line*, Jun 9, 2018. [medkit.info/2018/06/09/what-happens-in-the-brain-during-a-spiritual-experience/](http://medkit.info/2018/06/09/what-happens-in-the-brain-during-a-spiritual-experience/)
- <sup>1347</sup> Alberto Villodo, **The Prefrontal Cortex – Key to Enlightenment**, Oct 23, 2018. [thefourwinds.com/blog/shamanism/prefrontal-cortex-key-enlightenment/](http://thefourwinds.com/blog/shamanism/prefrontal-cortex-key-enlightenment/)
- <sup>1348</sup> See the Ringing Cedars series of books written by Vladimir Megre for more information on the science of images and how we create reality. [RingingCedars.com](http://RingingCedars.com)
- <sup>1349</sup> Yasam Tayag, **Belief in God Linked to Activity in the Brain's Frontal Cortex**, Oct 15, 2015. [inverse.com/article/7073-reducing-activity-in-the-brain-s-frontal-cortex-decreases-belief-in-god](http://inverse.com/article/7073-reducing-activity-in-the-brain-s-frontal-cortex-decreases-belief-in-god) citing C. Holbrook, et al., **Neuromodulation of group prejudice and religious belief**, *Social Cognitive and Affective Neuroscience*, Mar 2016, Vol 11(3): 387–394. [academic.oup.com/scan/article/11/3/387/2375059](http://academic.oup.com/scan/article/11/3/387/2375059)

---

<sup>1350</sup> Yasam Tayag, **Belief in God Linked to Activity in the Brain's Frontal Cortex**, Oct 15, 2015. [inverse.com/article/7073-reducing-activity-in-the-brain-s-frontal-cortex-decreases-belief-in-god](https://www.inverse.com/article/7073-reducing-activity-in-the-brain-s-frontal-cortex-decreases-belief-in-god) citing C. Holbrook, et al., **Neuromodulation of group prejudice and religious belief**, *Social Cognitive and Affective Neuroscience*, Mar 2016, Vol 11(3): 387–394. [academic.oup.com/scan/article/11/3/387/2375059](https://academic.oup.com/scan/article/11/3/387/2375059)

<sup>1351</sup> **What We Can Learn From The New Gallup Poll About Declining Faith In America**, Jun 28, 2022. [rifnote.com/2022/06/28/what-we-can-learn-from-the-new-gallup-poll-about-declining-faith-in-america/](https://rifnote.com/2022/06/28/what-we-can-learn-from-the-new-gallup-poll-about-declining-faith-in-america/) quoting Michael Brown, DailyWire.com, [dailywire.com/news/what-we-can-learn-from-the-new-gallup-poll-about-declining-faith-in-america](https://dailywire.com/news/what-we-can-learn-from-the-new-gallup-poll-about-declining-faith-in-america)

<sup>1352</sup> Bill Whittaker reporting for *60 Minutes*, **Frontotemporal dementia: Devastating, prevalent and little understood**, May 5, 2019. [cbsnews.com/news/frontotemporal-dementia-devastating-prevalent-and-little-understood-60-minutes-2019-05-05/](https://www.cbsnews.com/news/frontotemporal-dementia-devastating-prevalent-and-little-understood-60-minutes-2019-05-05/)

<sup>1353</sup> Dr. Bruce Miller, **Frontotemporal dementia: Devastating, prevalent and little understood**, *60 Minutes* report, May 5, 2019. [cbsnews.com/news/frontotemporal-dementia-devastating-prevalent-and-little-understood-60-minutes-2019-05-05/](https://www.cbsnews.com/news/frontotemporal-dementia-devastating-prevalent-and-little-understood-60-minutes-2019-05-05/)

<sup>1354</sup> Gaby Galvin, **Screen Time Study Shows Differences in Kids' Brains**, Dec 10, 2018. [usnews.com/news/health-news/articles/2018-12-10/screen-time-study-shows-differences-in-kids-brains-test-performance](https://www.usnews.com/news/health-news/articles/2018-12-10/screen-time-study-shows-differences-in-kids-brains-test-performance)

<sup>1355</sup> Terence P. Jeffrey, **Federal Report: 220,300 Public School Teachers Physically Attacked by Students**, Apr 25, 2019. [cnsnews.com/news/article/terence-p-jeffrey/federal-report-220300-public-school-teachers-physically-attacked](https://www.cnsnews.com/news/article/terence-p-jeffrey/federal-report-220300-public-school-teachers-physically-attacked)

<sup>1356</sup> Matt Agorist, **6yo Girl Taken From School by Police Without Parents' Consent, Held in Facility for 48 Hours for Tantrum**. Feb 18, 2020. [activistpost.com/2020/02/6yo-girl-taken-from-school-by-police-without-parents-consent-held-in-facility-for-48-hours-for-tantrum.html](https://www.activistpost.com/2020/02/6yo-girl-taken-from-school-by-police-without-parents-consent-held-in-facility-for-48-hours-for-tantrum.html)

<sup>1357</sup> Bill Whittaker reporting for *60 Minutes*, **Frontotemporal dementia: Devastating, prevalent and little understood**, May 5, 2019. [cbsnews.com/news/frontotemporal-dementia-devastating-prevalent-and-little-understood-60-minutes-2019-05-05/](https://www.cbsnews.com/news/frontotemporal-dementia-devastating-prevalent-and-little-understood-60-minutes-2019-05-05/)

<sup>1358</sup> Hillary Bruek, **This is what your smartphone is doing to your brain — and it isn't good**, Mar 1, 2019. [businessinsider.com/what-your-smartphone-is-doing-to-your-brain-and-it-isnt-good-2018-3](https://www.businessinsider.com/what-your-smartphone-is-doing-to-your-brain-and-it-isnt-good-2018-3)

<sup>1359</sup> **Report of Partial Findings from the National Toxicology Program Carcinogenesis Studies of Cell Phone Radiofrequency Radiation in Hsd: Sprague Dawley® SD rats (Whole Body Exposures)**, bioRxiv preprint first posted online May 26, 2016. [biorxiv.org/content/biorxiv/early/2016/05/26/055699.full.pdf](https://www.biorxiv.org/content/biorxiv/early/2016/05/26/055699.full.pdf)

<sup>1360</sup> Robert C. Kane, **Cellular Telephone Russian Roulette**, 2001, Vantage Press, New York, [microondes.files.wordpress.com/2010/03/robert\\_c\\_kane\\_cellular\\_telephone\\_russian\\_roulette.pdf](https://microondes.files.wordpress.com/2010/03/robert_c_kane_cellular_telephone_russian_roulette.pdf) citing R.S. Lin, et al., "Occupational Exposure to Electromagnetic Fields and the Occurance of Brain Tumors," *Journal of Occupational Medicine* 27, #6 (June 1985):413-19

- 
- <sup>1361</sup> B. Sirav and N. Seyhan,, **Effects of radio-frequency radiation on the permeability of blood-brain barrier**, *Medical Science and Discovery*, 2016, Vol 3(5): 206-12.  
[dergipark.gov.tr/download/article-file/183966](http://dergipark.gov.tr/download/article-file/183966)
- <sup>1362</sup> Robert C. Kane, **Cellular Telephone Russian Roulette**, 2001, Vantage Press, New York,  
[microondes.files.wordpress.com/2010/03/robert\\_c\\_kane\\_cellular\\_telephone\\_russian\\_roulette.pdf](http://microondes.files.wordpress.com/2010/03/robert_c_kane_cellular_telephone_russian_roulette.pdf)
- <sup>1363</sup> S. Shaham, **Glia–Neuron Interactions in Nervous System Function and Development**, *Current Topics in Developmental Biology*, 2005, Vol. 69.  
[shahamlab.rockefeller.edu/pdf/CTDB\\_69\\_C\\_69003.pdf](http://shahamlab.rockefeller.edu/pdf/CTDB_69_C_69003.pdf)
- <sup>1364</sup> **More than glue: Glia cells found to regulate synapses**, Dec 30, 2011.  
[kurzweilai.net/more-than-glue-glia-cells-found-to-regulate-synapses](http://kurzweilai.net/more-than-glue-glia-cells-found-to-regulate-synapses) citing **Brain's Connective Cells Are Much More Than Glue**, American Friends – Tel Aviv University, Dec 29, 2011, [aftau.org/site/News2?page=NewsArticle&id=15751](http://aftau.org/site/News2?page=NewsArticle&id=15751) and M. De Pittà, **A Tale of Two Stories: Astrocyte Regulation of Synaptic Depression and Facilitation**, *PLOS Computational Biology*, Dec 1, 2001,  
[ploscompbiol.org/article/info:doi/10.1371/journal.pcbi.1002293](http://ploscompbiol.org/article/info:doi/10.1371/journal.pcbi.1002293)
- <sup>1365</sup> M. De Pittà, **A Tale of Two Stories: Astrocyte Regulation of Synaptic Depression and Facilitation**, *PLOS Computational Biology*, Dec 1, 2001,  
[ploscompbiol.org/article/info:doi/10.1371/journal.pcbi.1002293](http://ploscompbiol.org/article/info:doi/10.1371/journal.pcbi.1002293)
- <sup>1366</sup> **Brain's Connective Cells Are Much More Than Glue**, American Friends – Tel Aviv University, Dec 29, 2011, [aftau.org/site/News2?page=NewsArticle&id=15751](http://aftau.org/site/News2?page=NewsArticle&id=15751)
- <sup>1367</sup> S. Ertelt, **FDA Purchases Aborted Baby Parts to Transplant Their Brain Tissue Into Mice**, Aug 7, 2018. [lifeneews.com/2018/08/07/fda-purchases-aborted-baby-parts-to-transplant-their-brain-tissue-into-mice/](http://lifeneews.com/2018/08/07/fda-purchases-aborted-baby-parts-to-transplant-their-brain-tissue-into-mice/)
- <sup>1368</sup> M. De Pittà, **A Tale of Two Stories: Astrocyte Regulation of Synaptic Depression and Facilitation**, *PLOS Computational Biology*, Dec 1, 2001,  
[ploscompbiol.org/article/info:doi/10.1371/journal.pcbi.1002293](http://ploscompbiol.org/article/info:doi/10.1371/journal.pcbi.1002293)
- <sup>1369</sup> Karl Muller, **The WHO File: Denial is a Big River That Flows Through Geneva**, Dec 1, 2018. [medium.com/@3DA0KM/the-who-file-denial-is-a-big-river-that-flows-through-geneva-622aad8c8489](http://medium.com/@3DA0KM/the-who-file-denial-is-a-big-river-that-flows-through-geneva-622aad8c8489)
- <sup>1370</sup> M.L. Pall, **Scientific evidence contradicts findings and assumptions of Canadian Safety Panel 6: microwaves act through voltage-gated calcium channel activation to induce biological impacts at non-thermal levels, supporting a paradigm shift for microwave/lower frequency electromagnetic field action**, *Rev Environ Health*, 2015.  
[electromagnetichealth.org/wp-content/uploads/2015/05/reveh-2015.pdf](http://electromagnetichealth.org/wp-content/uploads/2015/05/reveh-2015.pdf)
- <sup>1371</sup> **Interview with Thermoguy Curtis Bennett by William Thomas**, Apr 27, 2019.  
[thermoguy.com/interview-with-thermoguy-curtis-bennett-by-william-thomas/](http://thermoguy.com/interview-with-thermoguy-curtis-bennett-by-william-thomas/)



- 
- <sup>1372</sup> M.L. Pall, **Microwave frequency electromagnetic fields (EMFs) produce widespread neuropsychiatric effects including depression**, *Journal of Chemical Neuroanatomy*, Sep 2016, Vol 75(B): 43-51. [sciencedirect.com/science/article/pii/S0891061815000599](https://www.sciencedirect.com/science/article/pii/S0891061815000599)
- <sup>1373</sup> Dr. Martin L. Pall, **The Harmful Effects of Electromagnetic Fields Explained**, Sep 3, 2017. [articles.mercola.com/sites/articles/archive/2017/09/03/electromagnetic-fields-harmful-effects.aspx](https://articles.mercola.com/sites/articles/archive/2017/09/03/electromagnetic-fields-harmful-effects.aspx)
- <sup>1374</sup> S-Y Hwang, et al., **Ionizing radiation induces astrocyte gliosis through microglia activation**, *Neurobiology of Disease*, March 2006, Vol 21(3): 457-467. <https://www.sciencedirect.com/science/article/pii/S0969996105002329>
- <sup>1375</sup> C.S. Chiang, et al., **Radiation-induced astrocytic and microglial responses in mouse brain**, *Radiotherapy and Oncology*, Oct 1993, Vol 29(1): 60-68. [sciencedirect.com/science/article/pii/S0167814093901747](https://www.sciencedirect.com/science/article/pii/S0167814093901747)
- <sup>1376</sup> **Astrocytoma / Glioma**, St. Jude Children’s Research Hospital, [stjude.org/disease/astrocytoma-glioma.html](https://stjude.org/disease/astrocytoma-glioma.html)
- <sup>1377</sup> **Children’s Brain Tumor Facts\***, A Kid’s Brain Tumor Cure, PLGA Foundation, [akidsbraintumorcure.org/childhood-brain-tumors/childrens-brain-tumor-facts/](https://akidsbraintumorcure.org/childhood-brain-tumors/childrens-brain-tumor-facts/)
- <sup>1378</sup> **Pediatric Brain Tumors**, Children’s Hospital of Philadelphia, [chop.edu/conditions-diseases/pediatric-brain-tumors](https://chop.edu/conditions-diseases/pediatric-brain-tumors)
- <sup>1379</sup> **All About Pediatric Gliomas (Low and High Grade)**, OncoLink.org, Jul 3, 2018. [oncolink.org/cancers/brain-tumors/all-about-pediatric-gliomas-low-and-high-grade](https://oncolink.org/cancers/brain-tumors/all-about-pediatric-gliomas-low-and-high-grade)
- <sup>1380</sup> **Brain Cancer and Gliomas**, [webmd.com/cancer/brain-cancer/malignant-gliomas#1](https://webmd.com/cancer/brain-cancer/malignant-gliomas#1)
- <sup>1381</sup> Rob Edwards, **Shadow of a Doubt**, June 12, 1999. [newscientist.com/article/mg16221903-800-shadow-of-a-doubt/](https://newscientist.com/article/mg16221903-800-shadow-of-a-doubt/)
- <sup>1382</sup> Jim West, **DUS Hazards**, excerpts from Jim West’s third book on childhood disease, published in the April 2017 issue of *Townsend Letter*, [harvoa.org/chs/pr/dus\\_haz.htm](https://harvoa.org/chs/pr/dus_haz.htm), citing Z. Hocevar, et al, **Gene expression profiling of rat fetuses exposed to 2-dimensional ultrasound**, *Journal of Ultrasound in Medicine*, June 2012, 31(6):923-32, [ncbi.nlm.nih.gov/pubmed/22644689](https://ncbi.nlm.nih.gov/pubmed/22644689) and D. Liebeskind, et al., **Morphological changes in the surface characteristics of cultured cells after exposure to diagnostic ultrasound**, *Radiology*, Feb. 1981, 138(2):419-23. [ncbi.nlm.nih.gov/pubmed/7455124](https://ncbi.nlm.nih.gov/pubmed/7455124)
- <sup>1383</sup> H. Shankar, et al., **Potential Adverse Ultrasound-related Biological Effects: A Critical Review**, *Anesthesiology*, November 2011, Vol 115: 1109-1124. [anesthesiology.pubs.asahq.org/Article.aspx?articleid=1934478](https://anesthesiology.pubs.asahq.org/Article.aspx?articleid=1934478) citing C. Doody, et al, **In vitro heating of human fetal vertebra by pulsed diagnostic ultrasound**, *Ultrasound Med Biol*, 1999, Vol 25: 1289–1294, and J.L. Drewniak, et al., *In vitro ultrasonic heating of fetal bone*, *J Acoust Soc Am*, 1989, Vol 86: 1254–1258, and E.L. Carstensen, et al., **Ultrasonic heating of the skull**, *J Acoust Soc Am*, 1990, Vol 87: 1310–1317.

- 
- <sup>1384</sup> Eugenius S. B. C. Ang, Jr., et al., **Prenatal exposure to ultrasound waves impacts neuronal migration in mice**, Proceedings of the National Academy of Sciences of the United States, Aug 22, 2006, Vol. 103(34): 12903–12910.  
[pnas.org/content/103/34/12903.full](https://pnas.org/content/103/34/12903.full)
- <sup>1385</sup> H. I. Elsner and E.B. Lindblad, **Ultrasonic Degradation of DNA**, *DNA*, Mar 25, 2009, Vol 8(10). [liebertpub.com/doi/10.1089/dna.1989.8.697](https://liebertpub.com/doi/10.1089/dna.1989.8.697)
- <sup>1386</sup> Y. Furusawa, et al., **Effects of therapeutic ultrasound on the nucleus and genomic DNA**, *Ultrasonics Sonochemistry*, 2014, Vol 21:2061–2068.
- <sup>1387</sup> Emily Casanova, **The Biology of Ultrasound**, ScienceOverACuppa.com, January 10, 2013. [scienceoveracuppa.com/2013/01/10/the-biology-of-ultrasound/](https://scienceoveracuppa.com/2013/01/10/the-biology-of-ultrasound/)
- <sup>1388</sup> H. Honda, et al., **Role of intracellular calcium ions and reactive oxygen species in apoptosis induced by ultrasound**, 2004, *Ultrasound Med Biol*, Vol 30: 683–692.  
[onlinelibrary.wiley.com/doi/full/10.7863/jum.2010.29.6.963](https://onlinelibrary.wiley.com/doi/full/10.7863/jum.2010.29.6.963)
- <sup>1389</sup> Anthony Wilson, **Child Cancer Rates Have Increased 34% Since 1975**, Nov 25, 2011.  
[healthhubs.net/cancer/child-cancer-rates-have-increased-34-since-1975/](https://healthhubs.net/cancer/child-cancer-rates-have-increased-34-since-1975/)
- <sup>1390</sup> Amy D. Kyle, **Children, Cancer, and the Environment - Is Childhood Cancer Increasing?**, Environmental Health Policy, 2001,  
[envirohealthpolicy.net/kidstest/Cancer%20Pages/IncreasingChildhoodCancer.htm](https://envirohealthpolicy.net/kidstest/Cancer%20Pages/IncreasingChildhoodCancer.htm) citing NCI. Cancer Rates and Risks, Fourth Edition: National Institute of Health, National Cancer Institute, Division of Disease Prevention and Control, Cancer Statistics Branch, NIH Publication No. 96-691, 1996.
- <sup>1391</sup> Meredith Engel, **Hold the phone, Central! Cellphone radiation can cause cancer: study**, Jul 29, 2015. [nydailynews.com/life-style/health/cellphone-radiation-cancer-study-article-1.2308509](https://nydailynews.com/life-style/health/cellphone-radiation-cancer-study-article-1.2308509)
- <sup>1392</sup> **400% increase in risk of brain cancer among teens using smart phones excessively: IIT professor**, India.com, Nov 28, 2017. [india.com/news/agencies/400-increase-in-risk-of-brain-cancer-among-teens-using-smart-phones-excessively-iit-professor-2687822/](https://india.com/news/agencies/400-increase-in-risk-of-brain-cancer-among-teens-using-smart-phones-excessively-iit-professor-2687822/)
- <sup>1393</sup> **Epidemic Of Brain Tumors In Teenagers – What Parents Need To Know About Cell Phones**. [healthfreedoms.org/epidemic-of-brain-tumors-in-teenagers-what-parents-need-to-know-about-cell-phones/](https://healthfreedoms.org/epidemic-of-brain-tumors-in-teenagers-what-parents-need-to-know-about-cell-phones/)
- <sup>1394</sup> Agfauteux, **Smart Meters: Correcting the Gross Misinformation**, Jul 11, 2012,  
[smartmeterdangers.org/smart-meter-position-statements/smart-meters-correcting-gross-misinformation/](https://smartmeterdangers.org/smart-meter-position-statements/smart-meters-correcting-gross-misinformation/) citing Eddie Wren, 'The biggest experiment of our species': With five billion mobile users in the world, conference calls for research into potential brain cancer risks, Apr 24, 2012. [dailymail.co.uk/news/article-2134382/Risks-biggest-technological-experiment-history-species-Calls-research-links-using-mobile-phones-brain-cancer.html](https://dailymail.co.uk/news/article-2134382/Risks-biggest-technological-experiment-history-species-Calls-research-links-using-mobile-phones-brain-cancer.html)

- 
- <sup>1395</sup> Children’s Health Defense Team, **The Dangers of 5G to Children’s Health**, Feb 13, 2019, [childrenshealthdefense.org/news/the-dangers-of-5g-to-childrens-health/](https://childrenshealthdefense.org/news/the-dangers-of-5g-to-childrens-health/) citing D.L. Davis, et al., **Swedish review strengthens grounds for concluding that radiation from cellular and cordless phones is a probable human carcinogen**, *Pathophysiology*, Apr 2013, Vol. 20(2): 123-9. [ncbi.nlm.nih.gov/pubmed/23664410](https://ncbi.nlm.nih.gov/pubmed/23664410)
- <sup>1396</sup> **Burt Wolf Travels & Traditions: A Short Guide to Cell Phone Safety (1808)**, Burt Wolf YouTube channel, Apr 25, 2019. [youtu.be/5t2pdDYHtnY](https://youtu.be/5t2pdDYHtnY)
- <sup>1397</sup> Amy D. Kyle, **Children, Cancer, and the Environment - Is Childhood Cancer Increasing?**, Environmental Health Policy, 2001, [envirohealthpolicy.net/kidstest/Cancer%20Pages/IncreasingChildhoodCancer.htm](https://envirohealthpolicy.net/kidstest/Cancer%20Pages/IncreasingChildhoodCancer.htm) citing NCI. **Cancer Rates and Risks, Fourth Edition**: National Institute of Health, National Cancer Institute, Division of Disease Prevention and Control, Cancer Statistics Branch, NIH Publication No. 96-691, 1996.
- <sup>1398</sup> Brian Rood, M.D., **Infantile Brain Tumors**, 2012. [childhoodbraintumor.org/medical-information/brain-tumor-types-and-imaging/item/90-infantile-brain-tumors](https://childhoodbraintumor.org/medical-information/brain-tumor-types-and-imaging/item/90-infantile-brain-tumors)
- <sup>1399</sup> **Brain Tumor**, US News – Health, Oct 9, 2009. [health.usnews.com/health-conditions/cancer/brain-tumor/overview](https://health.usnews.com/health-conditions/cancer/brain-tumor/overview)
- <sup>1400</sup> Brian Rood, M.D., **Infantile Brain Tumors**, 2012. [childhoodbraintumor.org/medical-information/brain-tumor-types-and-imaging/item/90-infantile-brain-tumors](https://childhoodbraintumor.org/medical-information/brain-tumor-types-and-imaging/item/90-infantile-brain-tumors)
- <sup>1401</sup> Anthony Wilson, **Child Cancer Rates Have Increased 34% Since 1975**, HealthHubs.net, Nov 25, 2011. [healthhubs.net/cancer/child-cancer-rates-have-increased-34-since-1975/](https://healthhubs.net/cancer/child-cancer-rates-have-increased-34-since-1975/)
- <sup>1402</sup> **Brain Cancer and Gliomas**, [webmd.com/cancer/brain-cancer/malignant-gliomas#1](https://webmd.com/cancer/brain-cancer/malignant-gliomas#1)
- <sup>1403</sup> Maggie Fox, **Brain Cancer Is Now the Leading Cancer Killer of Kids**, Sep 16, 2016. [nbcnews.com/health/health-news/brain-cancer-now-leading-cancer-killer-kids-n649411](https://nbcnews.com/health/health-news/brain-cancer-now-leading-cancer-killer-kids-n649411)
- <sup>1404</sup> Darren Quick, **Study suggests mobile phone use during pregnancy may cause ADHD in offspring**, Mar 19, 2012. [newatlas.com/mobile-phone-radiation-effects-fetus/21879/](https://newatlas.com/mobile-phone-radiation-effects-fetus/21879/)
- <sup>1405</sup> **Study Exposes Health Risks from Laptop Radiation, Particularly During Pregnancy**, Sep 24, 2012. [defendershield.com/study-exposes-increased-health-risks-from-laptop-emfs-particularly-during-pregnancy/](https://defendershield.com/study-exposes-increased-health-risks-from-laptop-emfs-particularly-during-pregnancy/)
- <sup>1406</sup> William J. Broad, **Microwave Weapons Are Prime Suspect in Ills of U.S. Embassy Workers**, Sep 1, 2018, [nytimes.com/2018/09/01/science/sonic-attack-cuba-microwave.html](https://nytimes.com/2018/09/01/science/sonic-attack-cuba-microwave.html) citing Z. Weinberger and E.D. Richter, **Cellular telephones and effects on the brain: the head as an antenna and brain tissue as a radio receiver**, *Med. Hypotheses*, Dec 5, 2002, Vol 9(6):703-5, [ncbi.nlm.nih.gov/pubmed/12445512](https://ncbi.nlm.nih.gov/pubmed/12445512)
- <sup>1407</sup> Dr.J. Mercola, **Warning: Cell Phones May Trigger ADHD and Other Behavior Problems**, Jul 4, 2012. [articles.mercola.com/sites/articles/archive/2012/07/04/cellphone-radiation-may-cause-adhd.aspx](https://articles.mercola.com/sites/articles/archive/2012/07/04/cellphone-radiation-may-cause-adhd.aspx)

---

<sup>1408</sup> Paul J. Rosch, MD, **Quotes from Experts**, as quoted at Electromagnetic Health, [electromagnetichealth.org/quotes-from-experts/](http://electromagnetichealth.org/quotes-from-experts/)

<sup>1409</sup> **Brain Cancer Now Deadliest for American Children, Study Finds**. Sep 16, 2016. [foxnews.com/health/2016/09/16/brain-cancer-now-deadliest-for-american-children-study-finds.html](http://foxnews.com/health/2016/09/16/brain-cancer-now-deadliest-for-american-children-study-finds.html)

<sup>1410</sup> **Brain Cancer Kills More Children Than Any Other Disease**, Cure Brain Cancer Foundation, 2018, [curebraincancer.org.au/page/8/facts-stats](http://curebraincancer.org.au/page/8/facts-stats) citing Australian Institute of Health and Welfare 2017, Cancer in Australia 2017, Cancer series no.101. Cat. no. CAN 100. Canberra: AIHW. Table 9.5(b): Survival and prevalence of brain cancer, by sex; pg. 85, Feb 2017.

<sup>1411</sup> Anke Kern, **Digitalized into a radiant future – dead certain!**, AZK Lecture 16, [www.kla.tv/13748](http://www.kla.tv/13748)

<sup>1412</sup> Grace Macaskill, **15 year-old girl commits suicide due to unrelenting symptoms of wi-fi allergy**, May 26, 2018, quoting Debra Fry, mother of 15 year-old girl. [sott.net/article/386857-15-year-old-girl-commits-suicide-due-to-unrelenting-symptoms-of-wi-fi-allergy](http://sott.net/article/386857-15-year-old-girl-commits-suicide-due-to-unrelenting-symptoms-of-wi-fi-allergy)

<sup>1413</sup> Barrie Trower, **Barrie Trower 5G Will Devastate Humanity But Those Behind It Are Above The Law!**, Mariann Bakken YouTube channel, Mar 31, 2018. [youtu.be/MnArQm2Bxo4](http://youtu.be/MnArQm2Bxo4)

<sup>1414</sup> GMI Reporter, **Two children have dropped dead in Simcoe County Schools since Wi-Fi was installed**, Mark Crispin Miller – News from Underground, Nov 2, 2018. [markcrispinmiller.com/2018/11/two-children-have-dropped-dead-in-simcoe-county-schools-since-wi-fi-was-installed/](http://markcrispinmiller.com/2018/11/two-children-have-dropped-dead-in-simcoe-county-schools-since-wi-fi-was-installed/)

<sup>1415</sup> **Award Winning Journalist Exposes WiFi Disaster in Canadian Public School that Injured Dozens of Children**, Jan 9, 2019. [blacklistednews.com/article/70210/award-winning-journalist-exposes-wifi-disaster-in-canadian-public-school-that-injured-dozens-of.html](http://blacklistednews.com/article/70210/award-winning-journalist-exposes-wifi-disaster-in-canadian-public-school-that-injured-dozens-of.html) Also see Rodney Palmer, **Safety Code 6 - Presentation to the Royal Society of Canada**, Nov 2, 2013. [youtu.be/bsPBUuwCfal](http://youtu.be/bsPBUuwCfal)

<sup>1416</sup> M.A. Barnewall, **5G: A Plan To Depopulate Earth?**, Jun 2, 2019. [newswithviews.com/5g-a-plan-to-depopulate-earth/](http://newswithviews.com/5g-a-plan-to-depopulate-earth/)

<sup>1417</sup> Jerry Flynn, **Canadian EMF Activist and Former Military Weapons Expert Tells It Like It Is!**, Jan 22, 2019. [radiationdangers.com/canada/canadian-emf-activist-and-former-military-weapons-expert-tells-it-like-it-is/](http://radiation dangers.com/canada/canadian-emf-activist-and-former-military-weapons-expert-tells-it-like-it-is/)

<sup>1418</sup> **Is Wi-Fi Safe for Children? Beware of Health Risks**, [safeinschool.org/p/microwave-exposure-limits-countries.html](http://safeinschool.org/p/microwave-exposure-limits-countries.html)

<sup>1419</sup> GMI Reporter, **Is Wi-Fi in Schools Harming Our Children? The Testimony of Rodney Palmer**, Oct 4, 2018. [greenmedinfo.com/blog/can-wi-fi-schools-cause-sudden-cardiac-arrest-testimony-rodney-palmer](http://greenmedinfo.com/blog/can-wi-fi-schools-cause-sudden-cardiac-arrest-testimony-rodney-palmer)

---

<sup>1420</sup> Conan Milner, **Wi-Fi in Schools: Experimenting With the Next Generation**, Feb 28, 2019. [theepochtimes.com/wi-fi-in-schools-experimenting-with-the-next-generation\\_2808921.html](http://theepochtimes.com/wi-fi-in-schools-experimenting-with-the-next-generation_2808921.html)

<sup>1421</sup> J. Mensch, **Ripon Cell Tower to Be Removed From School Grounds; Mothers of Cancer Survivors Share Feelings of Relief**, Mar 23, 2019. [fox40.com/2019/03/23/ripon-cell-tower-to-be-removed-from-school-grounds-mothers-of-cancer-survivors-share-feelings-of-relief/](http://fox40.com/2019/03/23/ripon-cell-tower-to-be-removed-from-school-grounds-mothers-of-cancer-survivors-share-feelings-of-relief/)

<sup>1422</sup> **Genocide 101 — Fatal Childhood Cancers Skyrocket in Western Pennsylvania — Greensburg and Canonsburg Hit Very Hard**, Apr 2, 2019. [radiation dangers.com/babies-and-children/genocide-101-fatal-childhood-cancers-skyrocket-in-western-pennsylvania-greensburg-and-canonsburg-hit-very-hard/](http://radiation dangers.com/babies-and-children/genocide-101-fatal-childhood-cancers-skyrocket-in-western-pennsylvania-greensburg-and-canonsburg-hit-very-hard/) citing D. Templeton and D. Hopey, **CDC, state officials investigating multiple cases of rare cancer in southwestern Pa.**, Mar 28, 2019. [post-gazette.com/news/health/2019/03/28/Ewing-sarcoma-Washington-Westmoreland-cancer-Canon-McMillan-school-cecil-pennsylvania/stories/201903280010](http://post-gazette.com/news/health/2019/03/28/Ewing-sarcoma-Washington-Westmoreland-cancer-Canon-McMillan-school-cecil-pennsylvania/stories/201903280010)

<sup>1423</sup> **ORT HOLON - fight to remove the cell phone mast**, חולון באורט סלולארית אנטנה, YouTube channel, Dec 24, 2018. [youtu.be/zxDE\\_di-ThE](https://youtu.be/zxDE_di-ThE)

<sup>1424</sup> Shoshanna Solomon, **Slowdown Nation: Israel lags on internet speeds, choked by lack of competition**, Aug 8, 2018. [timesofisrael.com/slowdown-nation-israel-lags-on-internet-speeds-choked-by-lack-of-competition/](http://timesofisrael.com/slowdown-nation-israel-lags-on-internet-speeds-choked-by-lack-of-competition/)

<sup>1425</sup> Dr. Magda Havas, **Microwaves and the Heart**, WiFiwtf YouTube channel, Apr 11, 2011. [youtu.be/sv1E9IXUd6M](https://youtu.be/sv1E9IXUd6M)

<sup>1426</sup> Christopher Ketcham, **Warning: Your Cell Phone May Be Hazardous to Your Health**, Jan 25, 2010. [gq.com/story/warning-cell-phone-radiation](http://gq.com/story/warning-cell-phone-radiation)

<sup>1427</sup> Inge Edler, **Chapter III. The Effects of Ultrasound on Tissues and Organs in Animals and Humans**, First published: January/December 1961, *Acta Medica Scandinavica*, 170(S370): 23-32. [onlinelibrary.wiley.com/doi/abs/10.1111/j.0954-6820.1961.tb12445.x](http://onlinelibrary.wiley.com/doi/abs/10.1111/j.0954-6820.1961.tb12445.x)

<sup>1428</sup> **Sonic Weapon** - [en.wikipedia.org/wiki/Sonic\\_weapon](http://en.wikipedia.org/wiki/Sonic_weapon)

<sup>1429</sup> Martin Pall, PhD, **5G: Great risk for EU, U.S. and International Health!**, Released May 17, 2018, p 24-25. [peaceinspace.blogs.com/files/5g-emf-hazards--dr-martin-l.-pall--eu-emf2018-6-11us3.pdf](http://peaceinspace.blogs.com/files/5g-emf-hazards--dr-martin-l.-pall--eu-emf2018-6-11us3.pdf)

<sup>1430</sup> A.D. Spearman, MD and P. Williams MD, **Supraventricular Tachycardia in Infancy and Childhood**, *Pediatric Annals*, 2014, Vol 43(11): 456- 460. [healio.com/pediatrics/journals/pedann/2014-11-43-11/%7B2f9e610b-7dbe-407b-8639-c7b848d32673%7D/supraventricular-tachycardia-in-infancy-and-childhood.pdf](http://healio.com/pediatrics/journals/pedann/2014-11-43-11/%7B2f9e610b-7dbe-407b-8639-c7b848d32673%7D/supraventricular-tachycardia-in-infancy-and-childhood.pdf)

<sup>1431</sup> M. Havas, et al., **Provocation study using heart rate variability shows microwave radiation from 2.4 GHz cordless phone affects autonomic nervous system**, *European Journal of Oncology*, Jan 2010, <https://tinyurl.com/36mecu8p>

- 
- <sup>1432</sup> Tony Wang, **The overlapping channel problem**, Jisc Community, Aug 4, 2012. [community.jisc.ac.uk/library/advisory-services/overlapping-channel-problem](https://community.jisc.ac.uk/library/advisory-services/overlapping-channel-problem)
- <sup>1433</sup> Neil Cohen, **Wireless Baby Monitor Radiation Measuring RF Radiation from Wireless Baby Monitor**, EMF Safety Zone YouTube Channel, Nov 28, 2018. [youtu.be/sXC-vOB9YdE](https://youtu.be/sXC-vOB9YdE)
- <sup>1434</sup> Robbie Collin, **Baby Alarm**, *News of the World*, February 19, 2006, p. 39 as quoted at [omega.twoday.net/stories/1616128/](https://omega.twoday.net/stories/1616128/)
- <sup>1435</sup> **Do Baby Monitors Emit Radiation?**, [radiationhealthrisks.com/do-baby-monitors-emit-radiation/](https://radiationhealthrisks.com/do-baby-monitors-emit-radiation/)
- <sup>1436</sup> Sarah, **Get Those Wireless Baby Monitors OUT of the Nursery!**, July 12, 2017. [thehealthyhomeeconomist.com/get-those-wireless-baby-monitors-out-of-the-nursery/](https://thehealthyhomeeconomist.com/get-those-wireless-baby-monitors-out-of-the-nursery/)
- <sup>1437</sup> **Smart Meter Health Complaints**, [emfsafetynetwork.org/smart-meters/smart-meter-health-complaints/](https://emfsafetynetwork.org/smart-meters/smart-meter-health-complaints/)
- <sup>1438</sup> Lynne Wycherley, **Smart meter radiation and health; why are we neglecting non-toxic alternatives? (Pt II)**, June 6, 2017. [stopsmartmeters.org.uk/smart-meter-radiation-and-health-why-are-we-neglecting-non-toxic-alternatives-2/](https://stopsmartmeters.org.uk/smart-meter-radiation-and-health-why-are-we-neglecting-non-toxic-alternatives-2/)
- <sup>1439</sup> Warren Woodward, **RF Cardiac Effects**, Communication in a private google group dated Oct 27, 2018, under section "Mobilfunk-Newsletter – EMF – Omega News," [groups.google.com/forum/#!topic/mobilfunk\\_newsletter/5dSreKzuozo](https://groups.google.com/forum/#!topic/mobilfunk_newsletter/5dSreKzuozo)
- <sup>1440</sup> Ethan Huff, **Evidence is UNDENIABLE: Smart meters cause massive changes to the heart**, Jul 25, 2018. [newstarget.com/2018-07-25-evidence-is-undeniable-smart-meters-cause-massive-changes-to-the-heart.html](https://newstarget.com/2018-07-25-evidence-is-undeniable-smart-meters-cause-massive-changes-to-the-heart.html)
- <sup>1441</sup> M.E. Wyde, et al. **Effect of Cell Phone Radiofrequency Radiation on Body Temperature in Rodents: Pilot Studies of the National Toxicology Program’s Reverberation Chamber Exposure System**, Accepted for publication by Bioelectromagnetics journal (Jan 30, 2018). Advanced distribution for use at peer review of draft NTP technical reports, Mar 26-28, 2018 [ntp.niehs.nih.gov/ntp/about\\_ntp/trpanel/2018/march/wyde.pdf](https://ntp.niehs.nih.gov/ntp/about_ntp/trpanel/2018/march/wyde.pdf)
- <sup>1442</sup> Dr. Ronald Melnick, as quoted at: **There's a clear cell phone-cancer link, but FDA is downplaying it**, Nov 13, 2018, [thehill.com/opinion/healthcare/416515-theres-a-clear-cell-phone-cancer-link-but-fda-is-downplaying-it](https://thehill.com/opinion/healthcare/416515-theres-a-clear-cell-phone-cancer-link-but-fda-is-downplaying-it)
- <sup>1443</sup> **Trigeminal Schwannoma**, ENG - UT Erlanger Neurosurgery Group, Chattanooga Office, [chattneuro.com/cranial-conditions/trigeminal-schwannoma/](https://chattneuro.com/cranial-conditions/trigeminal-schwannoma/)
- <sup>1444</sup> **Bristol University heads for ‘meltdown’ after student deaths**, May 12, 2018. [thetimes.co.uk/article/bristol-university-heads-for-meltdown-after-student-deaths-7j3xp3xj3](https://thetimes.co.uk/article/bristol-university-heads-for-meltdown-after-student-deaths-7j3xp3xj3)
- <sup>1445</sup> Jean Twenge, **Teens have less face time with their friends — and are lonelier than ever**, Mar 30, 2019. [greatschools.org/gk/articles/teen-loneliness-rates-study/](https://greatschools.org/gk/articles/teen-loneliness-rates-study/)

- 
- <sup>1446</sup> Jean Twenge, **Teenage depression and suicide are way up — and so is smartphone use**, Nov 19, 2017. [washingtonpost.com/national/health-science/teenage-depression-and-suicide-are-way-up--and-so-is-smartphone-use/2017/11/17/624641ea-ca13-11e7-8321-481fd63f174d\\_story.html](https://www.washingtonpost.com/national/health-science/teenage-depression-and-suicide-are-way-up--and-so-is-smartphone-use/2017/11/17/624641ea-ca13-11e7-8321-481fd63f174d_story.html)
- <sup>1447</sup> Lulu Garcia-Navarro, **The Risk Of Teen Depression And Suicide Is Linked To Smartphone Use, Study Says**, Dec 17, 2017. [npr.org/2017/12/17/571443683/the-call-in-teens-and-depression](https://www.npr.org/2017/12/17/571443683/the-call-in-teens-and-depression)
- <sup>1448</sup> **Millennials Besieged by Chronic Illness: From Age 27, It's All "Downhill,"** Children's Health Defense Fund, May 14, 2019 citing **Major Depression: The Impact on Overall Health**, Blue Cross Blue Shield, May 10, 2018. [bcbcs.com/the-health-of-america/reports/major-depression-the-impact-overall-health](https://www.bcbcs.com/the-health-of-america/reports/major-depression-the-impact-overall-health) and T. Romero, **Major depression diagnoses skyrocketing in millennials, adolescents**, Philly Voice, May 17, 2018. [phillyvoice.com/major-depression-diagnoses-skyrocketing-in-millennials-adolescents/](https://www.phillyvoice.com/major-depression-diagnoses-skyrocketing-in-millennials-adolescents/)
- <sup>1449</sup> Cris Rowan, **Momo Is A Red Flag – The internet is not a safe nor a happy place for our children**, Mar 4, 2019. [movingtolearn.ca/2019/momo-is-a-red-flag-the-internet-is-not-a-safe-nor-a-happy-place-for-our-children](https://www.movingtolearn.ca/2019/momo-is-a-red-flag-the-internet-is-not-a-safe-nor-a-happy-place-for-our-children)
- <sup>1450</sup> Ruth Chatterjee, **CDC Finds Rising Suicide Rates For Young People**, Oct 17, 2019. [npr.org/2019/10/17/770848694/cdc-finds-rising-suicide-rates-for-young-people?t=1573656458674](https://www.npr.org/2019/10/17/770848694/cdc-finds-rising-suicide-rates-for-young-people?t=1573656458674)
- <sup>1451</sup> **Study: Number of children going to ER with suicidal thoughts and attempts has doubled**, Apr 9, 2019. [wisn.com/article/study-number-of-children-going-to-er-with-suicidal-thoughts-and-attempts-has-doubled/27083607](https://www.wisn.com/article/study-number-of-children-going-to-er-with-suicidal-thoughts-and-attempts-has-doubled/27083607) citing B. Burstein, et al., **Suicidal Attempts and Ideation, childrenshealthdefense.org/news/childrens-health/millennials-besieged-by-chronic-illness-from-age-27-its-all-downhill/** **Among Children and Adolescents in US Emergency Departments, 2007-2015**, *JAMA Pediatrics*, Apr 8, 2019. [tinyurl.com/2h2z43wv](https://www.tinyurl.com/2h2z43wv)
- <sup>1452</sup> Ruth Chatterjee, **CDC Finds Rising Suicide Rates For Young People**, Oct 17, 2019. [npr.org/2019/10/17/770848694/cdc-finds-rising-suicide-rates-for-young-people?t=1573656458674](https://www.npr.org/2019/10/17/770848694/cdc-finds-rising-suicide-rates-for-young-people?t=1573656458674)
- <sup>1453</sup> EJ Dickson, **Teen Suicide Is On The Rise And No One Knows Why**, Oct 18, 2019. [rollingstone.com/culture/culture-news/teen-suicide-study-increase-why-900711/](https://www.rollingstone.com/culture/culture-news/teen-suicide-study-increase-why-900711/)
- <sup>1454</sup> **1350 Athlete Cardiac Arrests, Serious Issues, 919 of Them Dead, Since COVID Injection**, [goodsciencing.com/covid/athletes-suffer-cardiac-arrest-die-after-covid-shot/](https://www.goodsciencing.com/covid/athletes-suffer-cardiac-arrest-die-after-covid-shot/)
- <sup>1455</sup> **Sudden arrhythmic death syndrome**, [en.wikipedia.org/wiki/Sudden\\_arrhythmic\\_death\\_syndrome](https://en.wikipedia.org/wiki/Sudden_arrhythmic_death_syndrome)
- <sup>1456</sup> **Sudden Adult Death Syndrome (SADS): Mainstream media conjure more excuses for young people, including 10 more herein, having heart attacks and/or dying in mass numbers**, Jun 10, 2022.

---

[thecovidblog.com/2022/06/10/sudden-adult-death-syndrome-sads-mainstream-media-conjure-more-excuses-for-young-people-including-10-more-herein-having-heart-attacks-and-or-dying-in-mass-numbers/](https://thecovidblog.com/2022/06/10/sudden-adult-death-syndrome-sads-mainstream-media-conjure-more-excuses-for-young-people-including-10-more-herein-having-heart-attacks-and-or-dying-in-mass-numbers/)

<sup>1457</sup> D.J. DeNoon, **Sudden Heart Death on the Rise in Teens, Young Adults**, Mar 1, 2000. [webmd.com/heart-disease/news/20010301/sudden-heart-death-on-rise-in-teens-young-adults#1](https://webmd.com/heart-disease/news/20010301/sudden-heart-death-on-rise-in-teens-young-adults#1)

<sup>1458</sup> J.F. Racine, **Un élève de l'école secondaire Donnacona est décédé jeudi matin**, TVA Nouvelles, Apr 26, 2019. Article in French. Translated through google translate. [tvanouvelles.ca/2019/04/26/un-eleve-de-lecole-secondaire-donnacona-est-decede-jeudi-matin-1?fbclid=IwAR1NrB0QDJbfXJlbyFyTDBZyrMb7-ga1ofWJoHIV0qlr2DOWRfoicUUbKRs](https://tvanouvelles.ca/2019/04/26/un-eleve-de-lecole-secondaire-donnacona-est-decede-jeudi-matin-1?fbclid=IwAR1NrB0QDJbfXJlbyFyTDBZyrMb7-ga1ofWJoHIV0qlr2DOWRfoicUUbKRs)

<sup>1459</sup> P.M. Dufour, **[VIDÉO] Un mannequin meurt en plein défilé, sous les yeux horrifiés des spectateurs**, Journal de Montreal, Apr 28, 2019. Article in French. Translated through google translate. [journaldemontreal.com/video-un-mannequin-meurt-en-plein-defile?fbclid=IwAR3C7DKjY\\_uaVPokHDFnMqH1cJtGmSwp96\\_VFyn1TgEcSlhALZvFJ-yqKk](https://journaldemontreal.com/video-un-mannequin-meurt-en-plein-defile?fbclid=IwAR3C7DKjY_uaVPokHDFnMqH1cJtGmSwp96_VFyn1TgEcSlhALZvFJ-yqKk)

<sup>1460</sup> Karta Purkh Singh Khalsa, Ayurvedic Doctor and Herbalist, **Remedy: Episode 6- Green Medicines for Heart Disease and Depression**, SacredScienceDoc YouTube channel, Sep 10, 2018. [youtu.be/IOa1f1llLaU](https://youtu.be/IOa1f1llLaU)

<sup>1461</sup> Heinrich Hertz, FamousScientists.org, [famousscientists.org/heinrich-hertz/](https://famousscientists.org/heinrich-hertz/)

<sup>1462</sup> Philipp Eduard Anton von Lenard – Biographical, NobelPrize.org, 2018. [nobelprize.org/prizes/physics/1905/lenard/biographical/](https://nobelprize.org/prizes/physics/1905/lenard/biographical/)

<sup>1463</sup> T.L. Walden, **The first radiation accident in America: a centennial account of the x-ray photograph made in 1890**, Dec 1, 1991, *Radiology*, Vol 181(3). [pubs.rsna.org/doi/abs/10.1148/radiology.181.3.1947073](https://pubs.rsna.org/doi/abs/10.1148/radiology.181.3.1947073)

<sup>1464</sup> Nick Pineault, in a private email dated Nov 8, 2018 promoting “**Electrosmog Rx 5-Week Course: Everything You Need to Start Addressing the #1 Most-Ignored Environmental Toxin in Your Protocols, Recommendations or Prescriptions**”, as quoted by Dr. Olle Johansson, PhD, Associate Professor in Neuroscience at the Karolinska Institute, Sweden asking a simple question: “How much more radiation penetrates your body today, compared to 10 years ago? The answer is: “A quintillion times more – that is 1 with 18 zeros (1 000 000 000 000 000 000)”, **Generation Zapped Official Trailer**, Sep 11, 2017, [youtu.be/h7R4gKs8Vil](https://youtu.be/h7R4gKs8Vil)

<sup>1465</sup> Robert C. Kane, **Cellular Telephone Russian Roulette**, 2001, Vantage Press, New York, [microondes.files.wordpress.com/2010/03/robert\\_c\\_kane\\_cellular\\_telephone\\_russian\\_roulette.pdf](https://microondes.files.wordpress.com/2010/03/robert_c_kane_cellular_telephone_russian_roulette.pdf)

<sup>1466</sup> Brian Hoyer, interview with Dr. Mercola, **Your EMF Questions Answered, Part 2**, Mercola.com, Feb 22, 2020. [articles.mercola.com/sites/articles/archive/2020/02/22/emf-home-remediation-part-2.aspx](https://articles.mercola.com/sites/articles/archive/2020/02/22/emf-home-remediation-part-2.aspx)



---

<sup>1467</sup> Dr. Martin Pall, PhD, **5G: Great risk for EU, U.S. and International Health!**, Released May 17, 2018, p 26. [peaceinspace.com/files/5g-emf-hazards--dr-martin-l.-pall--eu-emf2018-6-11us3.pdf](https://peaceinspace.com/files/5g-emf-hazards--dr-martin-l.-pall--eu-emf2018-6-11us3.pdf)

<sup>1468</sup> S.D. Wells, **Microwave ovens ‘fluke’ your heart while they ‘nuke’ your food – alarming studies reveal microwave frequency radiation can affect heart and blood**, December 22, 2016. [naturalnews.com/2016-12-22-microwave-ovens-fluke-your-heart-while-they-nuke-your-food-alarming-studies-reveal-microwave-frequency-radiation-can-affect-heart-rate-and-damage-blood.html](https://naturalnews.com/2016-12-22-microwave-ovens-fluke-your-heart-while-they-nuke-your-food-alarming-studies-reveal-microwave-frequency-radiation-can-affect-heart-rate-and-damage-blood.html)

<sup>1469</sup> Dr. Robert O. Becker, **The Body Electric**, New York, Morrow, 1985. [emfresearch.com/the-body-electric/](https://emfresearch.com/the-body-electric/)

<sup>1470</sup> Barrie Trower, **Response to criticism of my Report: Wi-fi - A Thalidomide in the Making**, Personal Correspondence.

<sup>1471</sup> Amy Worthington, Wi-Cancer.info, [wi-cancer.info/new\\_home.aspx](https://wi-cancer.info/new_home.aspx) citing Chou et al., **Long-Term, Low-Level Microwave Irradiation of Rats**, *Bioelectromagnetics*, 1992, 13(6)469-96 and Vijayalaxmi, et al., **Frequency of Micronuclei in the Peripheral Blood and Bone Marrow of Cancer-prone Mice Chronically Exposed to 2450 MHz Radiofrequency Radiation**, *Radiat Res*, 1997, 147(4):495-500, and Lai, H. and Singh, N.P., **Acute Low-intensity Microwave Exposure Increases DNA Single-strand Breaks in Rat Brain Cells**, *Bioelectromagnetics*, 1995, 16:207-210, and M. Havas et al., **Provocation Study Using Heart Rate Variability Shows Microwave Radiation from 2.4 GHz Cordless Phone Affects Autonomic Nervous System**, *European Journal of Oncology Library*, 2010, Vol. 5:273-300, and **Kids Play Wii (Nintendo Wii gaming unit emits 2.45 gigahertz Wi-Fi signals) So Doctors Can Learn more About Seizures**, KNDU.com 10-19-2011, and Bormusov et al., **Non-Thermal Electromagnetic Radiation Damage to Lens Epithelium**, Israel Institute of Technology and Washington University School of Medicine, *The Open Ophthalmology Journal*, 2008 and Shahin, et al., **2.45 Gigahertz Microwave Irradiation-induced Oxidative Stress Affects Implantation or Pregnancy in Mice**, *Applied Biochemistry and Biotechnology*, Jan 22, 2013, 169 (5) 1727, and Nakamura et al., **Uteroplacental Circulatory Disturbance Mediated by Prostaglandin F (2Alpha) in Rats Exposed to Microwaves**, *Reproductive Toxicology*, 2000, 14 (e) 235-40, and Martha Herbert, Ph.D., M.D., **Findings in Autism (ASD) Consistent with Electromagnetic Fields (EMF) and Radiofrequency Radiation (RFR)**, Pediatric Neurology TRANSCEND Research Program, Massachusetts General Hospital Harvard Medical School with Cindy Sage, a paper prepared for the BioInitiative Working Group, December 2012, and Lai et al., **Microwave Irradiation Affects Radial-arm Maze Performance in the Rat**, *Bioelectromagnetics*. and **Behavioral and Physiological Effects of Chronic 2,450-MHz Microwave Irradiation of the Rat**, 15:95-104, D'Andrea et al., *Bioelectromagnetics*, 1986; 7(1):45-56, 1994, and Henry Lai et al., **Memory and Behavior**, a paper presented at the Biological Effects, Health Consequences and Standards for Pulsed Radiofrequency Fields, an international seminar sponsored by the International Commission on Non-ionizing Radiation Protection and the World Health Organization in Italy, November 21-25, 1999, and Blacer-Kubiezek and Harrison, **Evidence for Carcinogenesis in Vitro**, Division of Radiation Research, Department of Radiation Oncology, University of Maryland School of Medicine, *Carcinogenesis*, 1985, 6: 859-864.

---

<sup>1472</sup> Dr. Deitrich Klinghardt, **ART Module 6 webinar with Dr Klinghardt**, Klinghardt Institute YouTube channel, Oct 20, 2018. [youtu.be/5InByvJKThE](https://youtu.be/5InByvJKThE)

<sup>1473</sup> John Herman, **Why Everything Wireless Is 2.4 GHz**, Sep 7, 2010. [wired.com/2010/09/wireless-explainer/](https://www.wired.com/2010/09/wireless-explainer/)

<sup>1474</sup> Barrie Trower, **5G Gigantic health hazard - dr Barrie Trower & sir Julian Rose**, [youtu.be/DLVIbPtNrVo](https://youtu.be/DLVIbPtNrVo)

<sup>1475</sup> P. Bandara and D.O. Carpenter, **Planetary Electromagnetic Pollution: It is Time to Assess Its Impact**, *The Lancet, Planetary Health*, Dec 12, 2018, Vol 2(12), PE512-E51, [thelancet.com/journals/lanplh/article/PIIS2542-5196\(18\)30221-3/fulltext](https://www.thelancet.com/journals/lanplh/article/PIIS2542-5196(18)30221-3/fulltext) citing H.A. Diivan, et al. **Prenatal and postnatal exposure to cell phone use and behavioral problems in children**, *Epidemiology*. 2008, Vol 19: 523-529, and X. Zhang, et al., **Microwaves and Alzheimer's disease**, *Exp Ther Med*. 2016, Vol 12: 1969-1972, and T. S. Aldad, et al., **Fetal radiofrequency radiation exposure from 800–1900 mhz-rated cellular telephones affects neurodevelopment and behavior in mice**, *Sci Rep*. 2012; Vol 2: 312.

<sup>1476</sup> **How Does Mobile Phone Use Affect Your Brain?**, Jan 24, 2017. [onlinesense.org/mobile-phone-affects-brain/](https://onlinesense.org/mobile-phone-affects-brain/) citing Dr. Devra Davis, **Cellphone Safety**, Environmental Health Trust, *San Francisco Medicine*, November 2012, [ehtrust.org/wp-content/uploads/2012/11/RightToKnowAboutGreyMatters.pdf](https://ehtrust.org/wp-content/uploads/2012/11/RightToKnowAboutGreyMatters.pdf)

<sup>1477</sup> Express News Service, **Excess use of cellphones raises risk of seizures**, The Indian Express, Feb 12, 2020. [newindianexpress.com/lifestyle/health/2020/feb/12/excess-use-of-cellphones-raises-risk-of-seizures-2102321.html](https://www.newindianexpress.com/lifestyle/health/2020/feb/12/excess-use-of-cellphones-raises-risk-of-seizures-2102321.html)

<sup>1478</sup> H. K. Kabali, et al., **Exposure and Use of Mobile Media Devices by Young Children**, *Pediatrics*, Dec 2015, Vol 136(6). [pediatrics.aappublications.org/content/136/6/1044](https://pediatrics.aappublications.org/content/136/6/1044)

<sup>1479</sup> EMF Summit, Day 1, **Frank Clegg, Ex CEO Microsoft Canada**, ElectricSense YouTube channel, Sep 18, 2018. [youtu.be/bmfospOhuOQ](https://youtu.be/bmfospOhuOQ)

<sup>1480</sup> S.K. Gupta, et al, **Electromagnetic radiation 2450 MHz exposure causes cognition deficit with mitochondrial dysfunction and activation of intrinsic pathway of apoptosis in rats**, *J Biosci*, June 2018, Vol 43(2): 263–276. [ias.ac.in/article/fulltext/jbsc/043/02/0263-0276](https://ias.ac.in/article/fulltext/jbsc/043/02/0263-0276)

<sup>1481</sup> N. Karimi, et al., **2.45 GHz microwave radiation impairs learning, memory, and hippocampal synaptic plasticity in the rat**, *Toxicol and Health*, Oct 21, 2018:748233718798976. [ncbi.nlm.nih.gov/pubmed/30345889](https://ncbi.nlm.nih.gov/pubmed/30345889)

<sup>1482</sup> S. Dasdag, et al., **Effects of 2.4 GHz radiofrequency radiation emitted from Wi-Fi equipment on microRNA expression in brain tissue**, *International Journal of Radiation Biology*, July 2015, Vol 91(7): 555-61. [ncbi.nlm.nih.gov/pubmed/25775055?dopt=Abstract](https://ncbi.nlm.nih.gov/pubmed/25775055?dopt=Abstract)

<sup>1483</sup> Amy Worthington, Wi-Cancer.info, [wi-cancer.info/new\\_home.aspx](https://www.wi-cancer.info/new_home.aspx) citing Report of the European Union's REFLEX Project (Risk Evaluation of Potential Environmental Hazards from Low Frequency Electromagnetic Field Exposure Using Sensitive *in vitro* Methods), November 2004. An in-depth report on the REFLEX project can be found in the on-line

---

brochure *Health and Electromagnetic Fields: EU-funded research into the Impacts of Electromagnetic Fields and Mobile Phones on Health* published by the European Commission, 02-29-2008 and *BioInitiative Report 2012*, Section 24: **Human adipose tissue stem cells lack the ability to repair DNA damage caused by chronic exposure to non-thermal microwaves. Damage to DNA in some other cells may be incompletely repaired.**

<sup>1484</sup> S. Shokri, PhD., et al., **Effects of Wi-Fi (2.45 GHz) Exposure on Apoptosis, Sperm Parameters and Testicular Histomorphometry in Rats: A Time Course Study**, *Cell J.* 2015, Vol 17(2): 322-331. [researchgate.net/publication/280307355\\_Effects\\_of\\_Wi-Fi\\_245\\_GHz\\_Exposure\\_on\\_Apoptosis\\_Sperm\\_Parameters\\_and\\_Testicular\\_Histomorphometry\\_in\\_Rats\\_A\\_Time\\_Course\\_Study](https://www.researchgate.net/publication/280307355_Effects_of_Wi-Fi_245_GHz_Exposure_on_Apoptosis_Sperm_Parameters_and_Testicular_Histomorphometry_in_Rats_A_Time_Course_Study)

<sup>1485</sup> M Saygin, et al., **Testicular apoptosis and histopathological changes induced by a 2.45 GHz electromagnetic field**, *Toxicol Ind Health*, 2011, Vol 27(5): 455-463.

<sup>1486</sup> B.S. Alexandrov, et al., **Non-thermal effects of terahertz radiation on gene expression in mouse stem cells**, *Biomed Opt Express*, Sep 2011, Vol 1; 2(9): 2679–2689. [ncbi.nlm.nih.gov/pmc/articles/PMC3184876/](https://pubmed.ncbi.nlm.nih.gov/pmc/articles/PMC3184876/)

<sup>1487</sup> EMF Summit, Day 3, **Deitrich Klinghardt, MD, PhD**, ElectricSense YouTube channel, Aug 1, 2018 at the 3 minute mark. [youtu.be/Ri6RzR3T3Qc](https://youtu.be/Ri6RzR3T3Qc)

<sup>1488</sup> Prof. Tom Butler, **On the Clear Evidence of the Risks to Children from Smartphone and WiFi Radio Frequency Radiation**, University College Cork, Ireland citing I Belyaev, et al, **EUROPAEM EMF Guideline 2016 for the prevention, diagnosis and treatment of EMF-related health problems and illnesses. Reviews on environmental health**, 2016, Vol 31(3): 363-397.

<sup>1489</sup> Josh del Sol, **EMF Radiation Testing: 'Smart' Meter vs. Cell Phone**, Sep 9, 2018. [youtu.be/Nm1ychffVEA](https://youtu.be/Nm1ychffVEA)

<sup>1490</sup> **Six Jewish Companies Control 96% of the World's Media**, Posted by Gordon at The Tap Blog, Oct 2015. [tapnewswire.com/2015/10/six-jewish-companies-control-96-of-the-worlds-media/](https://www.tapnewswire.com/2015/10/six-jewish-companies-control-96-of-the-worlds-media/)

<sup>1491</sup> Martin Pall, PhD, **5G: Great risk for EU, U.S. and International Health!**, Released May 17, 2018, p 24-25. [peaceinspace.blogspot.com/files/5g-emf-hazards--dr-martin-l.-pall--eu-emf2018-6-11us3.pdf](https://peaceinspace.blogspot.com/files/5g-emf-hazards--dr-martin-l.-pall--eu-emf2018-6-11us3.pdf)

<sup>1492</sup> Renee Parsons, **The WiFi Alliance, Coming Soon to Your Neighborhood: 5G Wireless**, Global Research, July 6, 2018. [globalresearch.ca/coming-soon-to-your-neighborhood-5g-wireless/5646667](https://globalresearch.ca/coming-soon-to-your-neighborhood-5g-wireless/5646667)

<sup>1493</sup> Holly Kellum, **Study Finds 'Clear Evidence' Linking Cellphone Radiation to Tumors in Rats**, Nov 9, 2018. [theepochtimes.com/study-finds-clear-evidence-linking-cellphone-radiation-to-tumors-in-rats\\_2709524.html](https://theepochtimes.com/study-finds-clear-evidence-linking-cellphone-radiation-to-tumors-in-rats_2709524.html) citing Danny Hakim, **At C.D.C., a Debate Behind Recommendations on Cellphone Risk**, Jan 1, 2016, [nytimes.com/2016/01/02/technology/at-cdc-a-debate-behind-recommendations-on-cellphone-risk.html](https://www.nytimes.com/2016/01/02/technology/at-cdc-a-debate-behind-recommendations-on-cellphone-risk.html) and **How to Reduce Exposure to Radiofrequency Energy from Cell Phones**, Division of Environmental and Occupational Disease Control • California

---

Department of Public Health, [htv-prod-media.s3.amazonaws.com/files/cell-phone-guidance-1513219841.pdf](https://htv-prod-media.s3.amazonaws.com/files/cell-phone-guidance-1513219841.pdf) and Melody Guterrez, **State kept secret guidelines on safe cell phone use**, San Francisco Chronicle, Mar 2, 2017, [sfchronicle.com/news/article/Judge-may-order-release-of-state-health-report-on-10973430.php](https://sfchronicle.com/news/article/Judge-may-order-release-of-state-health-report-on-10973430.php)

<sup>1494</sup> Susan Clarke, **Harvard School of Public Health Researcher Susan Clark on Microwave Dangers**, SageofQuay YouTube channel, Jul 10, 2017. [youtu.be/hSdOU\\_qcSBE](https://youtu.be/hSdOU_qcSBE)

<sup>1495</sup> **Interview with Thermoguy Curtis Bennett by William Thomas**, Apr 27, 2019. [thermoguy.com/interview-with-thermoguy-curtis-bennett-by-william-thomas/](https://thermoguy.com/interview-with-thermoguy-curtis-bennett-by-william-thomas/)

<sup>1496</sup> S.D. Wells, **Microwave ovens ‘fluke’ your heart while they ‘nuke’ your food – alarming studies reveal microwave frequency radiation can affect heart and blood**, Dec 22, 2016. [naturalnews.com/2016-12-22-microwave-ovens-fluke-your-heart-while-they-nuke-your-food-alarming-studies-reveal-microwave-frequency-radiation-can-affect-heart-rate-and-damage-blood.html](https://naturalnews.com/2016-12-22-microwave-ovens-fluke-your-heart-while-they-nuke-your-food-alarming-studies-reveal-microwave-frequency-radiation-can-affect-heart-rate-and-damage-blood.html)

<sup>1497</sup> Paul Fassa, **Why and how microwave cooking causes cancer**, Dec 8, 2010. [naturalnews.com/030651\\_microwave\\_cooking\\_cancer.html](https://naturalnews.com/030651_microwave_cooking_cancer.html)

<sup>1498</sup> **They say microwaves are bad for you but this is what they don’t tell you**, Dec 19, 2016. [nutritionfoodrecipes.com/2016/12/say-microwaves-bad-dont-tell/](https://nutritionfoodrecipes.com/2016/12/say-microwaves-bad-dont-tell/)

<sup>1499</sup> **Modern life is killing our children: Cancer rate in young people up 40 per cent in 16 years**, Sep 3, 2016. [telegraph.co.uk/science/2016/09/03/modern-life-is-killing-our-children-cancer-rate-in-young-people/](https://telegraph.co.uk/science/2016/09/03/modern-life-is-killing-our-children-cancer-rate-in-young-people/)

<sup>1500</sup> Mary Avila, **Cancer rates in children skyrocketing in the Valley**, Mar 10, 2014. [valleycentral.com/news/local/cancer-rates-in-children-skyrocketing-in-the-valley](https://valleycentral.com/news/local/cancer-rates-in-children-skyrocketing-in-the-valley)

<sup>1501</sup> **Exploding Water in the Microwave**, 2018. [stevespanglerscience.com/lab/experiments/exploding-water-in-the-microwave/](https://stevespanglerscience.com/lab/experiments/exploding-water-in-the-microwave/)

<sup>1502</sup> K.S. Suslick, et al., **Hot-Spot Conditions During Multi-Bubble Cavitation**, in Sonochemistry and Sonoluminescence, L. A. Crum, et al., eds, Kluwer Publishers, Dordrecht, Netherlands, 1999, pp. 191-204. [scs.illinois.edu/suslick/documents/natoasi.conditions.rv1.pdf](https://scs.illinois.edu/suslick/documents/natoasi.conditions.rv1.pdf)

<sup>1503</sup> **Ultrasonic Cavitation in Liquids**, [hielscher.com/ultrasonic-cavitation-in-liquids-2.htm](https://hielscher.com/ultrasonic-cavitation-in-liquids-2.htm)

<sup>1504</sup> VR Sreeraman, **High-intensity Ultrasound Helps to Wipe Out Cancer Cells Anywhere in the Body**, Aug 7, 2007. [medindia.net/news/High-intensity-Ultrasound-Helps-to-Wipe-Out-Cancer-Cells-Anywhere-in-the-Body-24720-1.htm](https://medindia.net/news/High-intensity-Ultrasound-Helps-to-Wipe-Out-Cancer-Cells-Anywhere-in-the-Body-24720-1.htm)

<sup>1505</sup> ibid

<sup>1506</sup> **Clear Evidence Of Cancer From Cell Phone Radiation: U.S. National Toxicology Program Releases Final Report On Animal Study**, Environmental Health Trust, 2018. [ehtrust.org/clear-evidence-of-cancer-from-cell-phone-radiation-u-s-national-toxicology-program-releases-final-report-on-animal-study/](https://ehtrust.org/clear-evidence-of-cancer-from-cell-phone-radiation-u-s-national-toxicology-program-releases-final-report-on-animal-study/)

- 
- <sup>1507</sup> Michael Ruark, **List Israeli Dual Citizens in the US. 114th Congress**, State of the Nation, Mar 3, 2016. [stateofthenation2012.com/?p=32823](http://stateofthenation2012.com/?p=32823)
- <sup>1508</sup> **The Nuclear Nightmare: Jews Behind the Atom Bomb**, Darkmoon Blog, Aug 24, 2015. [darkmoon.me/2015/the-nuclear-nightmare-jews-behind-the-atomic-bomb/](http://darkmoon.me/2015/the-nuclear-nightmare-jews-behind-the-atomic-bomb/)
- <sup>1509</sup> Truth11 Films **Wireless Genocide - Microwave Radiation, Part of the Depopulation Agenda**, Film Transcript, [truth11.com/2018/06/13/truth11-films-wireless-genocide-microwave-radiation-part-of-the-depopulation-agenda-film-transcript/](http://truth11.com/2018/06/13/truth11-films-wireless-genocide-microwave-radiation-part-of-the-depopulation-agenda-film-transcript/)
- <sup>1510</sup> Arthur Firstenberg, **Save the Planet: Ditch Your Phone**, Creations Magazine, Sep 29, 2020. [creationsmagazine.com/2020/09/29/save-the-planet-ditch-your-phone-transitioning-to-a-sustainable-future-by-arthur-firstenberg-santa-fe-nm/](http://creationsmagazine.com/2020/09/29/save-the-planet-ditch-your-phone-transitioning-to-a-sustainable-future-by-arthur-firstenberg-santa-fe-nm/)
- <sup>1511</sup> Jon Rappoport, **Why didn't researchers do a proper study to discover whether the COVID virus exists?**, No More Fake News, Aug 26, 2020. [blog.nomorefakenews.com/2020/08/26/no-proper-study-to-discover-if-covid-virus-exists/](http://blog.nomorefakenews.com/2020/08/26/no-proper-study-to-discover-if-covid-virus-exists/)
- <sup>1512</sup> Joe Imbriano, **Mystery Illness in Schools- The War on Children, Oxygen – The Coming Attack in Schools**, The Fullerton Informer YouTube Channel, Aug 6, 2020. [YouTube.com/watch?time\\_continue=140&v=a\\_hw7jFweMk&feature=emb\\_logo](http://YouTube.com/watch?time_continue=140&v=a_hw7jFweMk&feature=emb_logo)
- <sup>1513</sup> Shigeaki (Shey) Hokusui, **Fixed Wireless Communications at 60GHz Unique Oxygen Absorption Properties**, RF Globalnet, Apr 10, 2001. [rfglobalnet.com/doc/fixed-wireless-communications-at-60ghz-unique-0001](http://rfglobalnet.com/doc/fixed-wireless-communications-at-60ghz-unique-0001)
- <sup>1514</sup> **The Scientific Truth About Wearing Masks**, Information Ministry Brighteon channel, July 2020. [briteon.com/d8c4e054-02dc-4c32-aacb-42c9f3dda232](http://briteon.com/d8c4e054-02dc-4c32-aacb-42c9f3dda232)
- <sup>1515</sup> Russell Blaylock, MD., **Blaylock: Face Masks Pose Serious Risks To The Healthy**, Technocracy News and Trends, May 11, 2020. [technocracy.news/blaylock-face-masks-pose-serious-risks-to-the-healthy/](http://technocracy.news/blaylock-face-masks-pose-serious-risks-to-the-healthy/)
- <sup>1516</sup> Dr. Richard Levitan, **The infection that's silently killing coronavirus patients**, Via NY Post, Apr 22, 2020. [myjoyonline.com/opinion/the-infection-thats-silently-killing-coronavirus-patients/](http://myjoyonline.com/opinion/the-infection-thats-silently-killing-coronavirus-patients/)
- <sup>1517</sup> Dr. Cameron Kyle Sidell, **NY ICU Doc Speaks Out About What's Really Happening to "Coronavirus" Patients**, BirthofaNewEarth Bitchute channel, Apr 4, 2020. [bitchute.com/video/i1lCAUEcMtlg/](http://bitchute.com/video/i1lCAUEcMtlg/)
- <sup>1518</sup> Tonya Alanez and Doug Phillips, **26 students, 1 adult hospitalized for dizziness, fainting and nosebleeds**, South Florida Sun-Sentinel, Nov 19, 2018. [sun-sentinel.com/local/broward/fort-lauderdale/fl-ne-cardinal-gibbons-substance-exposure-20181119-story.html](http://sun-sentinel.com/local/broward/fort-lauderdale/fl-ne-cardinal-gibbons-substance-exposure-20181119-story.html)
- <sup>1519</sup> **26 Cardinal Gibbons High School Students, 1 Adult Hospitalized After Falling Ill**, Miami.CBSLocal.com, Nov. 19, 2018. [miami.cbslocal.com/2018/11/19/cardinal-gibbons-high-students-fall-ill/](http://miami.cbslocal.com/2018/11/19/cardinal-gibbons-high-students-fall-ill/)

- 
- <sup>1520</sup> **Mysterious Illness Hits Stockton School**, Sacramento.CBSLocal.com, Nov 8, 2018. [sacramento.cbslocal.com/2018/11/08/mysterious-illness-hits-stockton-school/](http://sacramento.cbslocal.com/2018/11/08/mysterious-illness-hits-stockton-school/)
- <sup>1521</sup> **Unknown illness hits a second western Colorado school**, Nov 16, 2019. [denverpost.com/2019/11/16/unknown-illness-second-palisade-school/](http://denverpost.com/2019/11/16/unknown-illness-second-palisade-school/)
- <sup>1522</sup> C. Huffman, J. Trahan, **Parents, teachers demand answers as Arlington schoolhouse rocked by illnesses**, WFAA.com, Feb 3, 2017. [wfaa.com/article/news/local/investigates/parents-teachers-demand-answers-as-arlington-schoolhouse-rocked-by-illnesses/395907519](http://wfaa.com/article/news/local/investigates/parents-teachers-demand-answers-as-arlington-schoolhouse-rocked-by-illnesses/395907519)
- <sup>1523</sup> Alice Barr, **Arlington ISD Jr. High Plagued by Mystery Illnesses Reopens with Upgrades and Renovations**, NBCdfs.com/news, Aug 21. 2017. [nbcdfw.com/news/local/aisd-jr-high-plagued-by-mystery-illnesses-reopens-with-upgrades-and-renovations/35511/](http://nbcdfw.com/news/local/aisd-jr-high-plagued-by-mystery-illnesses-reopens-with-upgrades-and-renovations/35511/)
- <sup>1524</sup> THC Sattf, **NAACP Asks Judge to Shut Down ‘Sick’ Arlington School Until the Source of Illness is Found**, Texas Hill Country, Mar 27, 2017. [texashillcountry.com/naacp-sick-arlington-school-source-illness/](http://texashillcountry.com/naacp-sick-arlington-school-source-illness/)
- <sup>1525</sup> **Sample records for transverse myelitis caused**, WorldWide Science, [worldwidescience.org/topicpages/t/transverse+myelitis+caused.html](http://worldwidescience.org/topicpages/t/transverse+myelitis+caused.html)
- <sup>1526</sup> Joe Imbriano, **Plausible Deniability and Project Bizarre**, The Fullerton Informer, Sep 23, 2013, citing Memorandum re Project PANDORA – Initial Test Results 20 December 1966. [thefullertoninformer.com/plausible-deniability-and-project-bizarre/](http://thefullertoninformer.com/plausible-deniability-and-project-bizarre/)
- <sup>1527</sup> **Microwave Weapons — Project PANDORA-BIZARRE – Initial Test Results (December 20 1966)**, Intel Today, Sep 4, 2018. [gosint.wordpress.com/2018/09/04/microwave-weapons-project-pandora-bizarre-initial-test-results-december-20-1966/](http://gosint.wordpress.com/2018/09/04/microwave-weapons-project-pandora-bizarre-initial-test-results-december-20-1966/)
- <sup>1528</sup> **Disaster Preparedness for Radiological Professionals**, Government Version 3.0, American College of Radiology, 2006. [astro.org/uploadedFiles/\\_MAIN\\_SITE/Advocacy/content\\_pieces/prepbroch.pdf](http://astro.org/uploadedFiles/_MAIN_SITE/Advocacy/content_pieces/prepbroch.pdf)
- <sup>1529</sup> Travis Guillory, **Female students allegedly paralyzed after seizures; parents concerned**, KJRH.com/news, Nov 3, 2017. [kjr.com/news/local-news/female-students-allegedly-paralyzed-after-seizures-parents-concerned](http://kjr.com/news/local-news/female-students-allegedly-paralyzed-after-seizures-parents-concerned)
- <sup>1530</sup> Michael Plaksin, et al., **Intramembrane Cavitation as a Predictive Bio-Piezoelectric Mechanism for Ultrasonic Brain Stimulation**, Israel Institute of Technology, Haifa 32000, Israel, [arxiv.org/ftp/arxiv/papers/1307/1307.7701.pdf](http://arxiv.org/ftp/arxiv/papers/1307/1307.7701.pdf) as cited by Kelly Brogan, M.D., **Human Studies Condemn Ultrasound**, kellybroganmd.com, [kellybroganmd.com/human-studies-condemn-ultrasound](http://kellybroganmd.com/human-studies-condemn-ultrasound)
- <sup>1531</sup> R. Jiang, et al., **Microwave ablation-assisted liver gene transfection in rats**, *International Journal of Hyperthermia*, June 2016, 32(6):1-7. [researchgate.net/publication/304661928\\_Microwave\\_ablation-assisted\\_liver\\_gene\\_transfection\\_in\\_rats](http://researchgate.net/publication/304661928_Microwave_ablation-assisted_liver_gene_transfection_in_rats)

---

<sup>1532</sup> Paul Fassa, **Why and how microwave cooking causes cancer**, NaturalNews.com, Dec 8, 2010. [naturalnews.com/030651\\_microwave\\_cooking\\_cancer.html](https://www.naturalnews.com/030651_microwave_cooking_cancer.html)

<sup>1533</sup> **An Introduction to Transfection**, jove.com, JoVE Science Education Database. *Basic Methods in Cellular and Molecular Biology*. An Introduction to Transfection. JoVE, Cambridge, MA, doi: 10.3791/5068 (2016). [jove.com/science-education/5068/an-introduction-to-transfection](https://www.jove.com/science-education/5068/an-introduction-to-transfection)

<sup>1534</sup> **The Second Coming of Ultrasound**, Jan. 23, 2018. [howtocleansetheliver.org/the-second-coming-of-ultrasound/](https://www.howtocleansetheliver.org/the-second-coming-of-ultrasound/) citing Y. Pan, et al., **Mechanogenetics for the remote and noninvasive control of cancer immunotherapy**, *PNAS*, Jan 30, 2018, Vol 115(5): 992-997, [pnas.org/content/115/5/992.abstract](https://www.pnas.org/content/115/5/992.abstract)

<sup>1535</sup> Robert O. Becker, MD., **The Body Electric**, New York, Morrow, 1985. [emfresearch.com/the-body-electric/](https://www.emfresearch.com/the-body-electric/)

<sup>1536</sup> Tracy V. Wilson, **How Bioluminescence Works**, Animals.HowStuffWorks.com, 2017. [animals.howstuffworks.com/animal-facts/bioluminescence3.htm](https://animals.howstuffworks.com/animal-facts/bioluminescence3.htm)

<sup>1537</sup> **Bluetooth apps detect MAC address in most jabbed**, [nexusnewsfeed.com/article/health-healing/bluetooth-apps-detect-mac-address-in-most-jabbed](https://www.nexusnewsfeed.com/article/health-healing/bluetooth-apps-detect-mac-address-in-most-jabbed) from Rumble video **MAC-cinated: Dr. Luis De Benito on the Bluetooth phenomenon**, Nov 24, 2021, [rumble.com/vppv0h-dr.-luis-de-benito-shares-part-of-his-report-on-the-mac-address-phenomenon-.html?mref=lveqv&mc=48pz1](https://www.rumble.com/vppv0h-dr.-luis-de-benito-shares-part-of-his-report-on-the-mac-address-phenomenon-.html?mref=lveqv&mc=48pz1)

<sup>1538</sup> Dr. Carrie Majev, **Human 2.0"? A Wake-Up Call To The World forbiddenknowledge.tv/human-2-0-a-wake-up-call-to-the-world/** as quoted from Dr. Majev's YouTube channel, Aug 17, 2020. [YouTube.com/watch?v=ywuCRVJVDqs&feature=emb\\_title](https://www.youtube.com/watch?v=ywuCRVJVDqs&feature=emb_title)

<sup>1539</sup> Motherboard NL, **Atomic Soldiers – What Does a Nuclear Explosion Feel Like?**, 2018 Vice Media LLC as posted at InfoWars.com, Aug 29, 2018. [infowars.com/fallout-wwii-vets-explain-devastating-effects-of-nuclear-blasts/](https://www.infowars.com/fallout-wwii-vets-explain-devastating-effects-of-nuclear-blasts/)

<sup>1540</sup> *ibid*

<sup>1541</sup> *ibid*

<sup>1542</sup> Barrie Lambert, **Radiation: early warnings; late effects in Late lessons from early warnings: the precautionary principle 1896–2000**, Environmental Issue Report No. 22, European Environment Agency, 2001, pp 31-37. [bunkerphone.com/descargas/radiation.pdf](https://www.bunkerphone.com/descargas/radiation.pdf)

<sup>1543</sup> Gerald Weissmann, **X-ray Politics: Lenard vs. Röntgen and Einstein**, *The FASEB Journal*, 2010, Vol 24(6).

<sup>1544</sup> Allison Meier, **"I Have Seen My Death": The First X-Ray Photograph**, May 1, 2017. [hyperallergic.com/375426/i-have-seen-my-death-the-first-x-ray-photograph/](https://www.hyperallergic.com/375426/i-have-seen-my-death-the-first-x-ray-photograph/)

---

<sup>1545</sup> Nanny Fröman, **Marie and Pierre Curie and the discovery of polonium and radium**, Delivered as a lecture at the Royal Swedish Academy of Sciences in Stockholm, Sweden, on Feb 28, 1996. [nobelprize.org/prizes/themes/marie-and-pierre-curie-and-the-discovery-of-polonium-and-radium/](https://nobelprize.org/prizes/themes/marie-and-pierre-curie-and-the-discovery-of-polonium-and-radium/)

<sup>1546</sup> Richard C. Semelka, MD, et al., **Roentgen's Real Legacy, In the Age of Informed Consent**, Jul 6, 2006. [medscape.com/viewarticle/536109](https://medscape.com/viewarticle/536109)

<sup>1547</sup> **Wilhelm Conrad Röntgen – Biographical**, [nobelprize.org/prizes/physics/1901/roentgen/biographical/](https://nobelprize.org/prizes/physics/1901/roentgen/biographical/)

<sup>1548</sup> Motherboard NL, **Atomic Soldiers – What Does a Nuclear Explosion Feel Like?**, 2018 Vice Media LLC as posted at InfoWars.com, Aug 29, 2018. [infowars.com/fallout-wwii-vets-explain-devastating-effects-of-nuclear-blasts/](https://infowars.com/fallout-wwii-vets-explain-devastating-effects-of-nuclear-blasts/)

<sup>1549</sup> **Atomic Veterans Were Silenced for 50 Years. Now, They're Talking**, The Atlantic YouTube channel, May 27, 2019. [youtu.be/qbBu6cWczTY](https://youtu.be/qbBu6cWczTY)

<sup>1550</sup> Jennifer LaFleur, **America's atomic vets: 'We were used as guinea pigs – every one of us'**, Reveal News, May 27, 2016. [revealnews.org/article/us-veterans-in-secretive-nuclear-tests-still-fighting-for-recognition/](https://revealnews.org/article/us-veterans-in-secretive-nuclear-tests-still-fighting-for-recognition/)

<sup>1551</sup> **Atomic Veterans Were Silenced for 50 Years. Now, They're Talking**, The Atlantic YouTube channel, May 27, 2019. [youtu.be/qbBu6cWczTY](https://youtu.be/qbBu6cWczTY)

<sup>1552</sup> ibid

<sup>1553</sup> Children's Health Defense Team, **The Dangers of 5G to Children's Health**, Feb 13, 2019. [childrenshealthdefense.org/news/the-dangers-of-5g-to-childrens-health/](https://childrenshealthdefense.org/news/the-dangers-of-5g-to-childrens-health/)

<sup>1554</sup> Jose M. Herrou Aragon **Lucifer, the Liberator**, Primordial Gnosis: The Forbidden Religion, 2007, [theforbiddenreligion.com/lucifer-the-liberator.htm](https://theforbiddenreligion.com/lucifer-the-liberator.htm)

<sup>1555</sup> **Lucifer: Angel of Light - Father of Lies**. [angelfire.com/la2/prophet1/prayingtoanewgod.html](https://angelfire.com/la2/prophet1/prayingtoanewgod.html) also see **2 Corinthians 11:14**

<sup>1556</sup> Nellie Bowles, **A Dark Consensus About Screens and Kids Begins to Emerge in Silicon Valley**, Oct 26, 2018. [nytimes.com/2018/10/26/style/phones-children-silicon-valley.html](https://nytimes.com/2018/10/26/style/phones-children-silicon-valley.html)

<sup>1557</sup> **J. Robert Oppenheimer**, Bibliography, [biography.com/scientist/j-robert-oppenheimer](https://biography.com/scientist/j-robert-oppenheimer)

<sup>1558</sup> James Temperton, **'Now I am become Death, the destroyer of worlds'. The story of Oppenheimer's infamous quote**, Aug 9, 2017. [wired.co.uk/article/manhattan-project-robert-oppenheimer](https://wired.co.uk/article/manhattan-project-robert-oppenheimer)

<sup>1559</sup> Chris Everard, **The Real Dr. Strangeloves**, digital book, [ChrisEverard.com](https://ChrisEverard.com), p. 77.



- 
- <sup>1560</sup> **Unlocking the Mysteries of the J. Robert Oppenheimer Transcript**, Department of Energy, Oct 3, 2014. [energy.gov/articles/unlocking-mysteries-j-robert-oppenheimer-transcript](https://energy.gov/articles/unlocking-mysteries-j-robert-oppenheimer-transcript)
- <sup>1561</sup> **J. Robert Oppenheimer**, [conservapedia.com/J.\\_Robert\\_Oppenheimer](https://conservapedia.com/J._Robert_Oppenheimer)
- <sup>1562</sup> *ibid*
- <sup>1563</sup> Steven Shapin, **Inside the Centre: The Life of J Robert Oppenheimer by Ray Monk – review**, The Guardian, Nov 16, 2012. [theguardian.com/books/2012/nov/16/inside-centre-robert-oppenheimer-ray-monk-review](https://theguardian.com/books/2012/nov/16/inside-centre-robert-oppenheimer-ray-monk-review)
- <sup>1564</sup> **J. Robert Oppenheimer**, Anti-Zionist League, [antizionistleague.com/scrapbook/Jewish-influence/science/j-robert-oppenheimer/](https://antizionistleague.com/scrapbook/Jewish-influence/science/j-robert-oppenheimer/)
- <sup>1565</sup> **Occult Royalty Connections & Kabbalah Nuclear Physics Revealed with Chris Everard**, BuzzSaw YouTube channel, Oct 30, 2015. [youtu.be/sVpmBFh83Y](https://youtu.be/sVpmBFh83Y)
- <sup>1566</sup> **The Nuclear Nightmare: Jews Behind the Atom Bomb**, Darkmoon. Me, Aug 24, 2015. [darkmoon.me/2015/the-nuclear-nightmare-jews-behind-the-atomic-bomb/](https://darkmoon.me/2015/the-nuclear-nightmare-jews-behind-the-atomic-bomb/)
- <sup>1567</sup> Gilad Atzmon, **Passover Special - Yahweh and WMD**, Gilad.co.uk, April 10, 2017. [gilad.co.uk/writings/2017/4/10/passover-special-yahweh-and-wmd](https://gilad.co.uk/writings/2017/4/10/passover-special-yahweh-and-wmd)
- <sup>1568</sup> u/PorridgeCranium2, Reddit.com, Jan 8, 2020. [reddit.com/r/TopMindsOfReddit/comments/em0v1c/top\\_mind\\_hates\\_albert\\_einstein\\_and\\_doesnt/](https://reddit.com/r/TopMindsOfReddit/comments/em0v1c/top_mind_hates_albert_einstein_and_doesnt/)
- <sup>1569</sup> Chris Everard, **The Real Dr. Strangeloves**, digital book, [ChrisEverard.com](https://ChrisEverard.com) p. 22.
- <sup>1570</sup> Rabbi Ariel Bar Tzadok, **Science & Spirituality The Physics of Mysticism**, Koshertorah.com, 1998, [koshertorah.com/PDF/physics-kabbalah.pdf](https://koshertorah.com/PDF/physics-kabbalah.pdf)
- <sup>1571</sup> Jose M. Herrou Aragon **Lucifer, the Liberator**, Primordial Gnosis: The Forbidden Religion, 2007, [theforbiddenreligion.com/lucifer-the-liberator.htm](https://theforbiddenreligion.com/lucifer-the-liberator.htm)
- <sup>1572</sup> Ron Rhodes, **How Did Lucifer Fall and Become Satan?**, Christianity.com, 2019. [christianity.com/theology/theological-faq/how-did-lucifer-fall-and-become-satan-11557519.html](https://christianity.com/theology/theological-faq/how-did-lucifer-fall-and-become-satan-11557519.html)
- <sup>1573</sup> **Satan Wants Your Worship**, Know God's Word, Jan 7, 2010. [knowgodsword.wordpress.com/2010/01/07/satan-wants-your-worship/](https://knowgodsword.wordpress.com/2010/01/07/satan-wants-your-worship/)
- <sup>1574</sup> **2 Thes. 2:4**
- <sup>1575</sup> Whitney Hopley, **Satan, Archangel Lucifer, the Devil Demon Characteristics**, Learn Religions, May 30, 2019. [learnreligions.com/who-is-satan-archangel-124081](https://learnreligions.com/who-is-satan-archangel-124081)
- <sup>1576</sup> Chris Everard, **The Real Dr. Strangeloves**, digital book, [ChrisEverard.com](https://ChrisEverard.com), p. 79.

- 
- <sup>1577</sup> **Atomism: The Occult Origins of Our “Atomic Age,”** Christian Observer, Jan 4, 2017. [christianobserver.net/atomism-the-occult-origins-of-our-atomic-age/#](http://christianobserver.net/atomism-the-occult-origins-of-our-atomic-age/#)
- <sup>1578</sup> **AETHEREAL - The Battle for Heaven and Earth (Biblical Cosmology Documentary),** The Truth is Stranger Than Fiction YouTube channel, Mar 14, 2018. [youtu.be/ax6ytIWIIY4](https://youtu.be/ax6ytIWIIY4)
- <sup>1579</sup> **Kabbalah is a Stomach Ache (as per Rabbi Yaakov Hillel,** Jewish Spectacles, Feb 14, 2012. [Jewishspectacles.wordpress.com/2012/02/14/kabbalah-is-a-stomach-ache-as-per-rabbi-yaakov-hillel/](http://Jewishspectacles.wordpress.com/2012/02/14/kabbalah-is-a-stomach-ache-as-per-rabbi-yaakov-hillel/)
- <sup>1580</sup> **The Large Hadron Collider,** CERN, [home.cern/science/accelerators/large-hadron-collider](http://home.cern/science/accelerators/large-hadron-collider)
- <sup>1581</sup> Georgeann Ryan, **CERN: In the Year of Light, A Door to Darkness (Part 1),** The 666 Surveillance System Blog, Jun 22, 2015. [666surveillancesystem.com/cern-in-the-year-of-light-a-door-to-darkness-part-1/](http://666surveillancesystem.com/cern-in-the-year-of-light-a-door-to-darkness-part-1/)
- <sup>1582</sup> **CERN and Jade Helm 666 and Mark of the Beast Imagery,** The Mark of the Beast: Code 666, Mar 30, 2015. [themarkofthebeastcode666.blogspot.com/2015/03/cern-and-jade-helm-666-and-mark-of.html](http://themarkofthebeastcode666.blogspot.com/2015/03/cern-and-jade-helm-666-and-mark-of.html)
- <sup>1583</sup> Robert Bridge, **10 mind-blowing facts about the CERN Large Collider you need to know,** RT.com, Aug 31 2015. [rt.com/op-ed/313922-cern-collider-hadron-higgs/](http://rt.com/op-ed/313922-cern-collider-hadron-higgs/)
- <sup>1584</sup> **Kabbalah is a Stomach Ache (as per Rabbi Yaakov Hillel,** Jewish Spectacles, Feb 14, 2012. [Jewishspectacles.wordpress.com/2012/02/14/kabbalah-is-a-stomach-ache-as-per-rabbi-yaakov-hillel/](http://Jewishspectacles.wordpress.com/2012/02/14/kabbalah-is-a-stomach-ache-as-per-rabbi-yaakov-hillel/)
- <sup>1585</sup> Issac Weishaupt, **CERN welcomes the goddess of death on Friday the 13<sup>th</sup>,** Illuminati Watcher, Mar 13, 2015. [illuminatiwatcher.com/cern-welcomes-the-goddess-of-death-on-friday-the-13th/](http://illuminatiwatcher.com/cern-welcomes-the-goddess-of-death-on-friday-the-13th/)
- <sup>1586</sup> Georgeann Ryan, **CERN: In the Year of Light, A Door to Darkness (Part 1),** The 666 Surveillance System Blog, Jun 22, 2015. [666surveillancesystem.com/cern-in-the-year-of-light-a-door-to-darkness-part-1/](http://666surveillancesystem.com/cern-in-the-year-of-light-a-door-to-darkness-part-1/)
- <sup>1587</sup> Robert Bridge, **10 mind-blowing facts about the CERN Large Collider you need to know,** Aug 31, 2015. [rt.com/op-ed/313922-cern-collider-hadron-higgs/](http://rt.com/op-ed/313922-cern-collider-hadron-higgs/)
- <sup>1588</sup> *ibid*
- <sup>1589</sup> Disha Kandpal, **Bizarre Theory Links CERN’s July 5<sup>th</sup> Large Hardon Collider Test to Stranger Things,** Jul 4, 2022. [hitc.com/en-gb/2022/07/04/cern-large-hadron-collider-july-5th/](http://hitc.com/en-gb/2022/07/04/cern-large-hadron-collider-july-5th/)
- <sup>1590</sup> Issac Weishaupt, **CERN welcomes the goddess of death on Friday the 13<sup>th</sup>,** Illuminati Watcher, Mar 13, 2015. [illuminatiwatcher.com/cern-welcomes-the-goddess-of-death-on-friday-the-13th/](http://illuminatiwatcher.com/cern-welcomes-the-goddess-of-death-on-friday-the-13th/)

---

<sup>1591</sup> Christine Dell'Amore, **"God Particle" Collider Rebooting to Be Most Powerful Yet**, National Geographic, Jun 25, 2014. [news.nationalgeographic.com/news/2014/06/140623-higgs-boson-large-hadron-collider-science-lhc/](https://news.nationalgeographic.com/news/2014/06/140623-higgs-boson-large-hadron-collider-science-lhc/)

<sup>1592</sup> Robert Lea, **Higgs boson: The 'God Particle' explained**, Jul 1, 2022. [space.com/higgs-boson-god-particle-explained](https://space.com/higgs-boson-god-particle-explained)

<sup>1593</sup> Chisanga Kombe, **God Particle**, Jul 2, 2017. [chisangakombe.wordpress.com/tag/god-particle/](https://chisangakombe.wordpress.com/tag/god-particle/)

<sup>1594</sup> Robert Bridge, **10 mind-blowing facts about the CERN Large Collider you need to know**, Aug 31, 2015. [rt.com/op-ed/313922-cern-collider-hadron-higgs/](https://rt.com/op-ed/313922-cern-collider-hadron-higgs/)

<sup>1595</sup> Christopher Carbone, **Could the mystery of dark matter finally be revealed? CERN's Large Hadron Collider is Smashing Protons Together at a Rate of a BILLION Per Second in an Attempt to Unlock the Secrets of the Universe**, Jul 5, 2022. [dailymail.co.uk/sciencetech/article-10984339/As-CERNs-Large-Hadron-Collider-revs-Run-3-unravel-mystery-dark-matter.html](https://dailymail.co.uk/sciencetech/article-10984339/As-CERNs-Large-Hadron-Collider-revs-Run-3-unravel-mystery-dark-matter.html)

<sup>1596</sup> **Large Hadron Collider Revs Up to Unprecedented Energy Level**, Jul 4, 2022. [tuko.co.ke/world/461112-large-hadron-collider-revs-unprecedented-energy-level/](https://tuko.co.ke/world/461112-large-hadron-collider-revs-unprecedented-energy-level/)

<sup>1597</sup> Maryam Henein, **CON-CERN Erupts Over Portals, Particles & The Large Hadron Collider**, Jul 23, 2022. [activistpost.com/2022/07/con-cern-erupts-over-portals-particles-the-large-hadron-collider.html](https://activistpost.com/2022/07/con-cern-erupts-over-portals-particles-the-large-hadron-collider.html)

<sup>1598</sup> Tikkun olam, [en.wikipedia.org/wiki/Tikkun\\_olam](https://en.wikipedia.org/wiki/Tikkun_olam)

<sup>1599</sup> My Jewish Learning, **Tikkun Olam: Repairing the World**, [myjewishlearning.com/article/tikkun-olam-repairing-the-world/](https://myjewishlearning.com/article/tikkun-olam-repairing-the-world/)

<sup>1600</sup> **Full Bizarre, Demonic Gotthard Tunnel Opening Ceremony, Satanic, New World Order, Illuminati Ritual**, Jeremy Hetrick YouTube Channel, Jun 12, 2016. [YouTube.com/watch?v=zW5gkIIKcDg](https://YouTube.com/watch?v=zW5gkIIKcDg)

<sup>1601</sup> **CERN UNLEASHED! Gotthard Tunnel Ritual Reveals The PORTAL To The Underworld and CERN WATCH (Mini Doc): NASA, CERN & Gotthard Satanic Ceremony Breakdown**, Jun 17, 2016. [but-thatsjustme.com/cern-unleashed-gotthard-tunnel-ritual-reveals-portal-underworld](https://but-thatsjustme.com/cern-unleashed-gotthard-tunnel-ritual-reveals-portal-underworld)

<sup>1602</sup> Korben Dallas, **Welcoming Satan? Gotthard Tunnel opening ceremony in Switzerland**, Dec 8, 2020. [stolenhistory.org/articles/welcoming-satan-gotthard-tunnel-opening-ceremony-in-switzerland.218/](https://stolenhistory.org/articles/welcoming-satan-gotthard-tunnel-opening-ceremony-in-switzerland.218/)

<sup>1603</sup> Vigilant Citizen, **The Opening Ceremony of the World's Largest Tunnel Was a Bizarre Occult Ritual**, Jun 3, 2016. [vigilantcitizen.com/vigilantreport/opening-ceremony-worlds-largest-tunnel-bizarre-occult-ritual/#prettyPhoto](https://vigilantcitizen.com/vigilantreport/opening-ceremony-worlds-largest-tunnel-bizarre-occult-ritual/#prettyPhoto)

---

<sup>1604</sup> **Demonic Dimensions and the Mysteries of CERN**, Banned Video, Infowars Channel, Jul 6, 2022. [bitchute.com/video/3zJLHIYP7800/](https://bitchute.com/video/3zJLHIYP7800/)

<sup>1605</sup> Maryam Henein, **CON-CERN Erupts Over Portals, Particles & The Large Hadron Collider**, Jul 23, 2022. [activistpost.com/2022/07/con-cern-erupts-over-portals-particles-the-large-hadron-collider.html](https://activistpost.com/2022/07/con-cern-erupts-over-portals-particles-the-large-hadron-collider.html)

<sup>1606</sup> Katia Romanoff, **Sophia: Goddess of Wisdom & God's Wife**, <https://northernway.org/sophia.html>

<sup>1607</sup> Max Dashu, **The Gnostic Goddess, Female Power, and the Fallen Sophia**, 2010. [suppressedhistories.net/articles/GnosticGoddessFallenSophia.pdf](https://suppressedhistories.net/articles/GnosticGoddessFallenSophia.pdf)

<sup>1608</sup> John Lash Lamb, **The True Lucifer is Sophia**, Sept-Oct 2015. [bibliotecapleyades.net/mistic/mistic\\_38.htm](https://bibliotecapleyades.net/mistic/mistic_38.htm)

<sup>1609</sup> Camille Monnin, **How the Israel Innovation Authority and CERN are infusing the Israeli innovation ecosystem with advanced technology**, CERN, Jul 17, 2019. [kt.cern/article/how-israel-innovation-authority-and-cern-are-infusing-israeli-innovation-ecosystem-advanced](https://kt.cern/article/how-israel-innovation-authority-and-cern-are-infusing-israeli-innovation-ecosystem-advanced)

<sup>1610</sup> **Lord Shiva Statue Unveiled**, CERN Document Server, Jul 5, 2004. [cds.cern.ch/record/745737](https://cds.cern.ch/record/745737)

<sup>1611</sup> Vigilant Citizen, **The Opening Ceremony of the World's Largest Tunnel Was a Bizarre Occult Ritual**, Jun 3, 2016. [vigilantcitizen.com/vigilantreport/opening-ceremony-worlds-largest-tunnel-bizarre-occult-ritual/](https://vigilantcitizen.com/vigilantreport/opening-ceremony-worlds-largest-tunnel-bizarre-occult-ritual/)

<sup>1612</sup> **Sacrifice to Shiva at CERN? Officials launch investigation after video of 'spoo' ritual emerges**, RT.com, Aug 18, 2016. [rt.com/viral/356415-cern-shiva-sacrifice-video/](https://rt.com/viral/356415-cern-shiva-sacrifice-video/) Includes video footage from [youtu.be/cBBvYdBeu8s](https://youtu.be/cBBvYdBeu8s)

<sup>1613</sup> Kevin Annett, **Eyewitnesses Testify: Pope Francis Raped and Killed Children; Sealed Vatican Documents Expose Their Satanic Rituals**, [whale.to/c/eyewitnesses\\_testify.html](https://whale.to/c/eyewitnesses_testify.html)

<sup>1614</sup> **Ephesians 2:2**

<sup>1615</sup> Meagan Boisse, **Concordia transmission artist launches a high-frequency project — in Alaska**, Concordia University News, Mar 21, 2019. [concordia.ca/news/stories/2019/03/21/concordia-transmission-artist-launches-a-high-frequency-project-in-alaska.html](https://concordia.ca/news/stories/2019/03/21/concordia-transmission-artist-launches-a-high-frequency-project-in-alaska.html)

<sup>1616</sup> Stephanie Pappas, **Conspiracy Theories Abound as U.S. Military Closes HAARP**, NBC News, May 22, 2014. [nbcnews.com/science/weird-science/conspiracy-theories-abound-u-s-military-closes-haarp-n112576](https://www.nbcnews.com/science/weird-science/conspiracy-theories-abound-u-s-military-closes-haarp-n112576)

<sup>1617</sup> Meagan Boisse, **Concordia transmission artist launches a high-frequency project — in Alaska**, Concordia University News, Mar 21, 2019. [concordia.ca/news/stories/2019/03/21/concordia-transmission-artist-launches-a-high-frequency-project-in-alaska.html](https://concordia.ca/news/stories/2019/03/21/concordia-transmission-artist-launches-a-high-frequency-project-in-alaska.html)

<sup>1618</sup> *ibid*

- 
- <sup>1619</sup> Marc David, **Avec la 5G, nous nous sentons comme des cobayes**, Lillustre Magazine, July 18, 2019. As translated through google.translate.com. [illustre.ch/magazine/5g-sentons-cobayes](http://illustre.ch/magazine/5g-sentons-cobayes)
- <sup>1620</sup> Julia Foote, **Ghosts of the Future**, Real Life Magazine, Jul 1, 2019. [reallifemag.com/ghosts-of-the-future/](http://reallifemag.com/ghosts-of-the-future/)
- <sup>1621</sup> Ionosphere, [thefreedictionary.com/ionosphere](http://thefreedictionary.com/ionosphere)
- <sup>1622</sup> Chris Everard, **The Real Dr. Strangeloves**, digital book, [ChrisEverard.com](http://ChrisEverard.com), p. 75.
- <sup>1623</sup> **The Peculiar Tale of Jack Parsons**, Nocturnal Revelries, May 27, 2018. [nocturnalrevelries.com/2018/05/27/the-peculiar-tale-of-jack-parsons/](http://nocturnalrevelries.com/2018/05/27/the-peculiar-tale-of-jack-parsons/)
- <sup>1624</sup> G. Dimuro, **From Rocketry Pioneer To Deviant Occultist, Jack Parsons Was The Ultimate Mad Scientist**, All That's Interesting, Aug 8, 2018 [allthatsinteresting.com/jack-parsons](http://allthatsinteresting.com/jack-parsons)
- <sup>1625</sup> Chris Everard, **The Real Dr. Strangeloves**, digital book, [ChrisEverard.com](http://ChrisEverard.com), p. 90.
- <sup>1626</sup> Chris Everard, **The Real Dr. Strangeloves**, digital book, [ChrisEverard.com](http://ChrisEverard.com), p. 74.
- <sup>1627</sup> Michael A. Hoffman II, **Secret Societies and Psychological Warfare**, Independent History and Research, Coeur d'Alene, Idaho, 2001.
- <sup>1628</sup> Chris Everard, **The Real Dr. Strangeloves**, digital book, [ChrisEverard.com](http://ChrisEverard.com), p. 65.
- <sup>1629</sup> Chris Everard, **The Real Dr. Strangeloves**, digital book, [ChrisEverard.com](http://ChrisEverard.com), p. 80.
- <sup>1630</sup> **The Ancient Kabbalah Magic and the Tree of Life**, Above Top Secret, Mar 10, 2007. [abovetopsecret.com/forum/thread269363/pg2](http://abovetopsecret.com/forum/thread269363/pg2)
- <sup>1631</sup> Brian Anderson, **Crawling Back to the Alleged Hell Portal of NASA's Occult Origins**, Motherboard Tech by Vice, Oct 31, 2013. [vice.com/en\\_us/article/ae3wj4/crawling-back-to-the-alleged-hell-portal-of-nasas-occult-origins](http://vice.com/en_us/article/ae3wj4/crawling-back-to-the-alleged-hell-portal-of-nasas-occult-origins)
- <sup>1632</sup> Chris Everard, **The Real Dr. Strangeloves**, digital book, [ChrisEverard.com](http://ChrisEverard.com), p. 33.
- <sup>1633</sup> Chris Everard, **The Real Dr. Strangeloves**, digital book, [ChrisEverard.com](http://ChrisEverard.com), p. 66.
- <sup>1634</sup> **The Ancient Kabbalah Magic and the Tree of Life**, Mar 10, 2007. [abovetopsecret.com/forum/thread269363/pg2](http://abovetopsecret.com/forum/thread269363/pg2)
- <sup>1635</sup> Chris Everard, **The Real Dr. Strangeloves**, digital book, [ChrisEverard.com](http://ChrisEverard.com), p. 83.
- <sup>1636</sup> **The Ancient Kabbalah Magic and the Tree of Life**, Mar 10, 2007. [abovetopsecret.com/forum/thread269363/pg2](http://abovetopsecret.com/forum/thread269363/pg2)
- <sup>1637</sup> Chris Everard, **The Real Dr. Strangeloves**, digital book, [ChrisEverard.com](http://ChrisEverard.com), p. 67.

- 
- <sup>1638</sup> Chris Everard, **The Real Dr. Strangeloves**, digital book, [ChrisEverard.com](http://ChrisEverard.com), p. 67, 80.
- <sup>1639</sup> **Babalon Working: Jack Parsons, The Atom Bomb, & the Homunculus [Part II]**, TheAzoth88 YouTube channel, Sep 28, 2010. [youtu.be/I5YJByOmtz0](https://youtu.be/I5YJByOmtz0)
- <sup>1640</sup> Dr. Dietrich Klinghardt, **Technology is Destroying Our Kids' Empathy**, Josh del Sol YouTube channel, Aug 7, 2019. [youtu.be/ITIde6O4veU](https://youtu.be/ITIde6O4veU)
- <sup>1641</sup> **What Princess Diana Knew**, The Event Chronicle, Dec 17, 2015. [theeventchronicle.com/uncategorized/what-princess-diana-knew/](http://theeventchronicle.com/uncategorized/what-princess-diana-knew/)
- <sup>1642</sup> Chris Everard, **The Real Dr. Strangeloves**, digital book, [ChrisEverard.com](http://ChrisEverard.com), p. 90.
- <sup>1643</sup> Jennet Conant, **Tuxedo Park : A Wall Street Tycoon and the Secret Palace of Science That Changed the Course of World War II**, Simon & Schuster, New York, 2002.
- <sup>1644</sup> **Niels Bohr's 10 Major Contributions To Science**, Mar 21, 2016. [learnodo-newtonic.com/niels-bohr-contribution](http://learnodo-newtonic.com/niels-bohr-contribution)
- <sup>1645</sup> Rabbi Ariel Bar Tzadok, **Science & Spirituality The Physics of Mysticism**, Koshertorah.com, 1998, [koshertorah.com/PDF/physics-kabbalah.pdf](http://koshertorah.com/PDF/physics-kabbalah.pdf)
- <sup>1646</sup> Chris Everard, **The Real Dr. Strangeloves**, digital book, [ChrisEverard.com](http://ChrisEverard.com), p. 14.
- <sup>1647</sup> Rabbi Ariel Bar Tzadok, **Science & Spirituality, The Physics of Mysticism**, Koshertorah.com, 1998, [koshertorah.com/PDF/physics-kabbalah.pdf](http://koshertorah.com/PDF/physics-kabbalah.pdf)
- <sup>1648</sup> **Sonarluminescence- is this nuclear fusion?**, DarkJedi8X YouTube channel, Dec 25, 2008. [youtu.be/LW093G-zLZ0](https://youtu.be/LW093G-zLZ0)
- <sup>1649</sup> Chris Everard, **The Anti-Christ Conspiracy - Part 1**, [watch.enigmatv.com](http://watch.enigmatv.com)
- <sup>1650</sup> **Rosemary's baby-the truth behind we never noticed**, Consfearacynewz, Aug 18 2012. [consfearacynewz.blogspot.com/2012/08/rosemarys-baby-truth-behind-we-never.html](http://consfearacynewz.blogspot.com/2012/08/rosemarys-baby-truth-behind-we-never.html)
- <sup>1651</sup> Suzanne Maresca, **Magenta Pixie and the Nine ~ Diamond Portal, Platinum Ray Stargate, Supermoon, Total Lunar Eclipse**, May 26, 2021, May 26, 2021. [goldenageofgaia.com/2021/05/26/magenta-pixie-and-the-nine-diamond-portal-platinum-ray-stargate-supermoon-total-lunar-eclipse-may-26-2021/](http://goldenageofgaia.com/2021/05/26/magenta-pixie-and-the-nine-diamond-portal-platinum-ray-stargate-supermoon-total-lunar-eclipse-may-26-2021/)
- <sup>1652</sup> Motherboard NL, **Atomic Soldiers – What Does a Nuclear Explosion Feel Like?**, 2018 Vice Media LLC as posted at InfoWars.com, Aug 29, 2018. [infowars.com/fallout-wwii-vets-explain-devastating-effects-of-nuclear-blasts/](http://infowars.com/fallout-wwii-vets-explain-devastating-effects-of-nuclear-blasts/)
- <sup>1653</sup> ibid
- <sup>1654</sup> Jennifer LaFleur, **America's atomic vets: 'We were used as guinea pigs – every one of us'**, Reveal News, May 27, 2016. [revealnews.org/article/us-veterans-in-secretive-nuclear-tests-still-fighting-for-recognition/](http://revealnews.org/article/us-veterans-in-secretive-nuclear-tests-still-fighting-for-recognition/)

- 
- <sup>1655</sup> Motherboard NL, **Atomic Soldiers – What Does a Nuclear Explosion Feel Like?**, 2018 Vice Media LLC as posted at InfoWars.com, Aug 29, 2018. [infowars.com/fallout-wwii-vets-explain-devastating-effects-of-nuclear-blasts/](https://infowars.com/fallout-wwii-vets-explain-devastating-effects-of-nuclear-blasts/)
- <sup>1656</sup> Neelam Panday, et al., **Radiofrequency radiation (900 MHz)-induced DNA damage and cell cycle arrest in testicular germ cells in swiss albino mice**, April 1, 2017, *Toxicology and Industrial Health*, Vol 33(4): 373-384. [journals.sagepub.com/doi/abs/10.1177/0748233716671206](https://journals.sagepub.com/doi/abs/10.1177/0748233716671206)
- <sup>1657</sup> **Factual Microwave Radiation Research Consumers Need To Know Before Embracing 5G**, June 4, 2018, [Jewworldorder.org/factual-microwave-radiation-research-consumers-need-to-know-before-embracing-5g/](https://jewworldorder.org/factual-microwave-radiation-research-consumers-need-to-know-before-embracing-5g/) citing I.N. Magras and T.D. Xenos, **RF Radiation – Induced Changes in the Prenatal Development of Mice**, *Bioelectromagnetics*, 1997, Vol. 18:455–461, [emrpolicy.org/litigation/case\\_law/beebe\\_hill/magras\\_mice\\_study.pdf](https://emrpolicy.org/litigation/case_law/beebe_hill/magras_mice_study.pdf)
- <sup>1658</sup> Devra Davis, PhD., **Cell Phones, Radiation & Your Child’s Health**, HealthyChild.org, January 15, 2013, [healthychild.org/cell-phones-radiation-your-childs-health/](https://healthychild.org/cell-phones-radiation-your-childs-health/)
- <sup>1659</sup> L.L. Morgan, et al., **Why children absorb more microwave radiation than adults: The consequences**, *Journal of Microscopy and Ultrastructure*, Dec 2014, Vol 2(4): 197-204, [sciencedirect.com/science/article/pii/S2213879X14000583](https://sciencedirect.com/science/article/pii/S2213879X14000583) citing G.N. De Iulii, et al., **Mobile phone radiation induces reactive oxygen species production and DNA damage in human spermatozoa in vitro**, *PLoS ONE*, Jul 7, 2009, Vol 4.
- <sup>1660</sup> Brenda L. Cobb, et al., **Neural and Behavioral Teratological Evaluation of Rats Exposed to Ultra-Wideband Electromagnetic Fields**, *Bioelectromagnetics*, Oct 1, 2000, Vol 21(7): 524-537.
- <sup>1661</sup> M.A. Barnewall, **5G: A Plan To Depopulate Earth?**, News With Views, Jun 2, 2019. [newswithviews.com/5g-a-plan-to-depopulate-earth/](https://newswithviews.com/5g-a-plan-to-depopulate-earth/)
- <sup>1662</sup> EMR Protection Services, **Wireless Radiation Part 2**, facebook post dated March 22, 2018, citing O. Bas, et al, **900 MHz electromagnetic field exposure affects qualitative and quantitative features of hippocampal pyramidal cells in the adult female rat**, *Brain Res.*, Apr 10, 2009;1265:178-85, and O.F. Sonmez, et al., **Purkinje cell number decreases in the adult female rat cerebellum following exposure to 900 MHz electromagnetic field**, *Brain Res.*, Oct 14, 2010;1356:95-101, and G.J. Blatt, **The Neuropathology of Autism**, *Scientifica (Cairo)*, Vol. 2012; 2012, and F.S. Mahmoudabadi, et al., **Use of mobile phone during pregnancy and the risk of spontaneous abortion**, *J Environ Health Sci Eng*, 2015; 13: 34. [facebook.com/permalink.php?story\\_fbid=185879565529991&id=138036423647639](https://facebook.com/permalink.php?story_fbid=185879565529991&id=138036423647639)
- <sup>1663</sup> Prof J.R. Goldsmith, **Possible Effects of Radiofrequency Radiation**, *Environmental Health Perspec*, Dec 1997, Sup 6, p 1580, as cited by Barrie Trower in **WiFi – A Thalidomide in the Making. Who Cares?**, Sep 2013. [emfsummit.com/wp-content/uploads/2014/10/WiFi-a-Thalidomide-in-the-making-who-cares.pdf](https://emfsummit.com/wp-content/uploads/2014/10/WiFi-a-Thalidomide-in-the-making-who-cares.pdf)
- <sup>1664</sup> Kaiser Permanente Press Release, **New Kaiser Permanente Study Provides Evidence of Health Risks Linked to Electromagnetic Field Exposure**, Dec 13, 2017. [share.kaiserpermanente.org/article/new-kaiser-permanente-study-provides-evidence-of-health-risks-linked-to-electromagnetic-field-exposure/](https://share.kaiserpermanente.org/article/new-kaiser-permanente-study-provides-evidence-of-health-risks-linked-to-electromagnetic-field-exposure/)

- 
- <sup>1665</sup> Jeff Parsons, **WiFi and mobile phones could increase pregnant women's risk of miscarriage, study claims**, Mirror.co.uk, Dec 15, 2017, [mirror.co.uk/science/WiFi-mobile-phones-could-increase-11699315](https://www.mirror.co.uk/science/WiFi-mobile-phones-could-increase-11699315) citing De-Kun Li, et al., **Exposure to Magnetic Field Non-ionizing Radiation and the Risk of Miscarriage: A Prospective Cohort Study**, *Scientific Reports*, 2017, Vol 7, Article number: 17541. [nature.com/articles/s41598-017-16623-8](https://www.nature.com/articles/s41598-017-16623-8)
- <sup>1666</sup> Dr. Mercola, **'Wi-Fried' — Is Wireless Technology Dooming a Generation to Ill Health?**, March 31, 2018. [articles.mercola.com/sites/articles/archive/2018/03/31/emf-exposure-wireless-technology.aspx](https://articles.mercola.com/sites/articles/archive/2018/03/31/emf-exposure-wireless-technology.aspx)
- <sup>1667</sup> E. Diem, et al, **Non-thermal DNA breakage by mobile-phone radiation (1800 MHz) in human fibroblasts and in transformed GFSH-R17 rat granulosa cells in vitro**, *Mutat Res*, 2005, Vol 583: 178-183. [sciencedirect.com/science/article/abs/pii/S1383571805000896](https://www.sciencedirect.com/science/article/abs/pii/S1383571805000896)
- <sup>1668</sup> Peter Tocci, **Wireless Technology: Ultra Convenient. Endlessly Entertaining. Criminally Instigated. Terminally Pathological**. Activist Post, Feb 9, 2019. [activistpost.com/2019/02/wireless-technology-ultra-convenient-endlessly-entertaining-criminally-instigated-terminally-pathological.html](https://activistpost.com/2019/02/wireless-technology-ultra-convenient-endlessly-entertaining-criminally-instigated-terminally-pathological.html)
- <sup>1669</sup> M. Bakacak, et al., **The effects of electromagnetic fields on the number of ovarian primordial follicles: An experimental study**, *The Kaohsiung Journal of Medical Sciences*, June 2015, Vol 31(6): 287-292 [sciencedirect.com/science/article/pii/S1607551X15000923#bib23](https://www.sciencedirect.com/science/article/pii/S1607551X15000923#bib23)
- <sup>1670</sup> Barrie Trower, **Barrie Trower on microwave radiation, stealth warfare and public health**, Apr 24, 2010. [inthesenewtimes.com/2010/04/24/barrie-trower-on-microwave-radiation-stealth-warfare-and-public-health/](https://inthesenewtimes.com/2010/04/24/barrie-trower-on-microwave-radiation-stealth-warfare-and-public-health/)
- <sup>1671</sup> Barrie Trower in **WiFi – A Thalidomide in the Making. Who Cares?**, Sep 2013. [emfsummit.com/wp-content/uploads/2014/10/WiFi-a-Thalidomide-in-the-making-who-cares.pdf](https://emfsummit.com/wp-content/uploads/2014/10/WiFi-a-Thalidomide-in-the-making-who-cares.pdf)
- <sup>1672</sup> Joe Imbriano, **Apple 666, Artemis, iPads (infertility pads), Project Inkwel, Connect ED, E-rate, and Agenda 21-an expose with an all star cast**, TheFullertonInformer.com, Oct 7, 2013 [thefullertoninformer.com/apple-666-project-inkwell-and-agenda-21-an-expose-with-an-all-star-cast/](https://thefullertoninformer.com/apple-666-project-inkwell-and-agenda-21-an-expose-with-an-all-star-cast/) citing M.L.Pall, **Electromagnetic fields act via activation of voltage-gated calcium channels to produce beneficial or adverse effects**, *J Cell Mol Med.*, Aug 2013, Vol 17(8):958-65. [ncbi.nlm.nih.gov/pubmed/23802593](https://www.ncbi.nlm.nih.gov/pubmed/23802593)
- <sup>1673</sup> Celeste McGovern **Soaring Infertility Rates Linked to Vaccines**, Jul 24, 2018. [healthimpactnews.com/2018/soaring-infertility-rates-linked-to-vaccines/](https://healthimpactnews.com/2018/soaring-infertility-rates-linked-to-vaccines/) citing Mike Stobbe, **US Births Hit a 30-Year Low, Despite Good Economy**, May 17, 2018, [usnews.com/news/healthiest-communities/articles/2018-05-17/us-births-hit-a-30-year-low-despite-good-economy](https://www.usnews.com/news/healthiest-communities/articles/2018-05-17/us-births-hit-a-30-year-low-despite-good-economy)
- <sup>1674</sup> Rachael Rettner, **US Birth Rate Hits All-Time Low: What's Behind the Decline?**, LiveScience.com, May 17, 2018. [livescience.com/62592-birth-rate-declines-2017.html](https://www.livescience.com/62592-birth-rate-declines-2017.html)



- 
- <sup>1675</sup> Nicholas Bakalar, **U.S. Fertility Rate Reaches a Record Low**, Jul 3, 2017. [nytimes.com/2017/07/03/health/united-states-fertility-rate.html](https://www.nytimes.com/2017/07/03/health/united-states-fertility-rate.html)
- <sup>1676</sup> Dr. Joseph Mercola, **Birth rate reaches record low as premature deliveries rise**, Mercola.com, Aug 7, 2019. [articles.mercola.com/sites/articles/archive/2019/08/07/premature-births-on-the-rise.aspx](https://www.mercola.com/sites/articles/archive/2019/08/07/premature-births-on-the-rise.aspx)
- <sup>1677</sup> **Ultrasound Autism Connection?**, [ultrasound-autism.org/](https://ultrasound-autism.org/)
- <sup>1678</sup> **Burt Wolf Travels & Traditions: A Short Guide to Cell Phone Safety (1808)**, Burt Wolf YouTube channel, Apr 25, 2019. [youtu.be/5t2pdDYHtnY](https://youtu.be/5t2pdDYHtnY)
- <sup>1679</sup> Dr. Neil Cherry, **Safe Exposure Limits**, Lincoln University, Apr 25, 2000, as quoted at [whale.to/b/cherry3.html](https://whale.to/b/cherry3.html)
- <sup>1680</sup> Martin L. Pall, PhD, **5G: Great risk for EU, U.S. and International Health!**, Released May 17, 2018, p 25. [peaceinspace.blogspot.com/files/5g-emf-hazards--dr-martin-l.-pall--eu-emf2018-6-11us3.pdf](https://peaceinspace.blogspot.com/files/5g-emf-hazards--dr-martin-l.-pall--eu-emf2018-6-11us3.pdf)
- <sup>1681</sup> Tamir S. Eldad, et al, **Fetal Radiofrequency Radiation Exposure From 800-1900 Mhz-Rated Cellular Telephones Affects Neurodevelopment and Behavior in Mice**, *Scientific Reports*, Vol 2(312), Mar 15, 2012. [nature.com/articles/srep00312](https://www.nature.com/articles/srep00312)
- <sup>1682</sup> D. Belpomme, et al., **Thermal and non-thermal health effects of low intensity non-ionizing radiation: An international perspective**, *Environmental Pollution*, Nov 2018, Vol 242(Pt A):643-658. [sciencedirect.com/science/article/pii/S0269749118310157](https://www.sciencedirect.com/science/article/pii/S0269749118310157)
- <sup>1683</sup> EMR Protection Services, **Wireless Radiation Part 2**, facebook post dated March 22, 2018, citing O. Bas, et al, **900 MHz electromagnetic field exposure affects qualitative and quantitative features of hippocampal pyramidal cells in the adult female rat**, *Brain Res.*, Apr 10, 2009;1265:178-85, and O.F. Sonmez, et al., **Purkinje cell number decreases in the adult female rat cerebellum following exposure to 900 MHz electromagnetic field**, *Brain Res.*, Oct 14, 2010;1356:95-101, and G.J. Blatt, **The Neuropathology of Autism**, *Scientifica (Cairo)*, Vol. 2012; 2012, and F.S. Mahmoudabadi, et al., **Use of mobile phone during pregnancy and the risk of spontaneous abortion**, *J Environ Health Sci Eng*, 2015; 13: 34. [facebook.com/permalink.php?story\\_fbid=185879565529991&id=138036423647639](https://www.facebook.com/permalink.php?story_fbid=185879565529991&id=138036423647639)
- <sup>1684</sup> Dr. Martin Pall, PhD, **5G: Great risk for EU, U.S. and International Health!**, Released May 17, 2018, p 26. [peaceinspace.blogspot.com/files/5g-emf-hazards--dr-martin-l.-pall--eu-emf2018-6-11us3.pdf](https://peaceinspace.blogspot.com/files/5g-emf-hazards--dr-martin-l.-pall--eu-emf2018-6-11us3.pdf)
- <sup>1685</sup> Dr. Martin Pall, as quoted in private email dated Apr 5, 2020 from Jerry Flynn, with attachments.
- <sup>1686</sup> Gwendolyn Taunton, **The Kali Yuga: Dicing with Death**, New Dawn Magazine, [newdawnmagazine.com/articles/the-kali-yuga-dicing-with-death](https://www.newdawnmagazine.com/articles/the-kali-yuga-dicing-with-death)

- 
- <sup>1687</sup> Josh del Sol Beaulieu and Alison Main, **WATCH: Documentary Exposes 'Smart' Meters, Technocracy and What You Can Do**, Aug 24, 2018. [greenmedinfo.com/blog/watch-documentary-exposes-smart-meters-technocracy-and-what-you-can-do](https://greenmedinfo.com/blog/watch-documentary-exposes-smart-meters-technocracy-and-what-you-can-do)
- <sup>1688</sup> Cindy Garay, **Israel is Behind Deadly 5G Technology & The Extermination of Planet Earth!**, July 14, 2017, [YouTube.com/watch?v=7ikVWoXDt1U](https://www.youtube.com/watch?v=7ikVWoXDt1U)
- <sup>1689</sup> **The 5G Nightmare is Here**, Jan 22, 2019. [radiationdangers.com/5g/the-5g-nightmare-is-here-january-2019/](https://radiation dangers.com/5g/the-5g-nightmare-is-here-january-2019/)
- <sup>1690</sup> Arthur Firstenberg, **Arthur Firstenberg - 5G, Birds, Bees, and Humanity**, Multerland YouTube channel, May 12, 2019. [youtu.be/MpdJ\\_t5XMvw](https://youtu.be/MpdJ_t5XMvw)
- <sup>1691</sup> **International Appeal - Stop 5G on Earth and in Space**, [5gspaceappeal.org/the-appeal](https://5gspaceappeal.org/the-appeal) citing W Hong, et al. **Multibeam antenna technologies for 5G wireless communications**, *IEEE Tr Ant Prop.*, 2017, Vol 65(12): 6231-6249 and H-T Chou, **Design Methodology for the Multi-Beam Phased Array of Antennas with Relatively Arbitrary Coverage Sector**, Conference paper, 2017, *11th European Conference on Antennas and Propagation*; Paris, France, and 47 CFR § 30.202 — Power limits.
- <sup>1692</sup> **5G is here**, Sep 11, 2018. [verizon.com/about/news/5g-here](https://www.verizon.com/about/news/5g-here)
- <sup>1693</sup> **Can New 5G Technology and Smart Meters be Used as Weapons?**, Sep 4, 2017. [healthimpactnews.com/2017/can-new-5g-technology-and-smart-meters-be-used-as-weapons/](https://healthimpactnews.com/2017/can-new-5g-technology-and-smart-meters-be-used-as-weapons/)
- <sup>1694</sup> KafkaWinstonWorld, **Most Dangerous Thing We Face is Being Rolled Out Now & You're Suicidal if You Do Nothing**, Mar 16, 2017. [youtu.be/dfM5k0EcJCo](https://youtu.be/dfM5k0EcJCo)
- <sup>1695</sup> **NSA Electronic Harassment Stalking Mind Control**, [stopthecrime.net/mind.html](https://stopthecrime.net/mind.html)
- <sup>1696</sup> Press For Truth, **Wireless Warfare Exposed - Declassified Military Doc Proves Smart Phones Are Killing Mankind**, Aug 7, 2017. [youtu.be/WLDdS4\\_Qneg](https://youtu.be/WLDdS4_Qneg)
- <sup>1697</sup> The Insect Reporter, **5G Licenced to Kill. The Insect Inspector investigates what you are not being told about the 5G grid**, MickeyTwoNames YouTube channel, [youtu.be/zwo2E9b9CiU](https://youtu.be/zwo2E9b9CiU)
- <sup>1698</sup> Jeff Chiacchieri, **Genetic, Economic & Political Destruction is Being Forced on America & the World**, Scribd.com, Nov 16, 2017, p 15. [scribd.com/document/364635715/Genetic-Economic-Political-Destruction-is-Being-Forced-on-America-the-World](https://scribd.com/document/364635715/Genetic-Economic-Political-Destruction-is-Being-Forced-on-America-the-World)
- <sup>1699</sup> Clare Edwards, **UN Staffer Warns that 5G is a 'War on Humanity'**, Jan 5, 2019. [wakingtimes.com/2019/01/05/un-staffer-warns-that-5g-is-a-war-on-humanity/](https://wakingtimes.com/2019/01/05/un-staffer-warns-that-5g-is-a-war-on-humanity/)
- <sup>1700</sup> Karl Muller, **The Greatest Danger To This Planet, By Far**, Mar 14, 2018. [medium.com/@3DA0KM/the-greatest-danger-to-this-planet-by-far-19bf85ec2a9](https://medium.com/@3DA0KM/the-greatest-danger-to-this-planet-by-far-19bf85ec2a9)

- 
- <sup>1701</sup> Joe Imbriano, **Urgent! Forbidden information, a must watch! 5G is a kill grid that will lead to forced vaccinations**, The Fullerton Informer YouTube Channel, Feb 10, 2018. [hyoutu.be/oY5SReQ2Kqc](https://youtu.be/oY5SReQ2Kqc)
- <sup>1702</sup> Apr 4, 2020. <https://tinyurl.com/3umx8ewy>
- <sup>1703</sup> Dr. Cameron Kyle-Sidell, **Dr. Cameron Kyle-Sidell Gives Thoughts On Current Global Pandemic**, New World Wide Entertainment Theater & Vision YouTube channel, Apr 4, 2020. [YouTube.com/watch?v=Ykp0H8DenqQ](https://www.youtube.com/watch?v=Ykp0H8DenqQ)
- <sup>1704</sup> Mark Steele, **Mark Steele – 5G A Weapons System**, 5G Awareness YouTube Channel, Oct 9, 2018. [youtu.be/JQDVijDTCRE](https://youtu.be/JQDVijDTCRE)
- <sup>1705</sup> Monica Allevan, **FCC considers order to make spectrum above 95 GHz available for unlicensed use**, Feb 22, 2019. [fiercewireless.com/wireless/fcc-considers-order-to-make-spectrum-above-95-ghz-available-for-unlicensed-use](https://fiercewireless.com/wireless/fcc-considers-order-to-make-spectrum-above-95-ghz-available-for-unlicensed-use)
- <sup>1706</sup> Lauren Poindexter, Picatinny Arsenal Public Affairs, **ARDEC engineers develop Solid State Active Denial Technology for non-lethal crowd control**, Oct 12, 2016, U.S. Army. [army.mil/article/176579/ardec\\_engineers\\_develop\\_solid\\_state\\_active\\_denial\\_technology\\_for\\_non\\_lethal\\_crowd\\_control](https://www.army.mil/article/176579/ardec_engineers_develop_solid_state_active_denial_technology_for_non_lethal_crowd_control)
- <sup>1707</sup> **New Military Inventions That Are On Another Level**, Innovate Techs YouTube channel, Apr 12, 2019. [youtu.be/wh54QXzdPQs](https://youtu.be/wh54QXzdPQs)
- <sup>1708</sup> Mike Hanlon, **Directed Energy Active Denial System for security applications**, New Atlas, Jul 25, 2005. [newatlas.com/go/4318/](https://newatlas.com/go/4318/)
- <sup>1709</sup> **Active Denial System FAQs**, Non-Lethal Programs, U.S. Department of Defense, [jnlpw.defense.gov/About/Frequently-Asked-Questions/Active-Denial-System-FAQs/](https://jnlpw.defense.gov/About/Frequently-Asked-Questions/Active-Denial-System-FAQs/)
- <sup>1710</sup> Charles Davis, **US officials reportedly considered using a 'microwave weapon' that can cause second-degree burns to deter migrants at the Mexico border**, Aug 27, 2020. [msn.com/en-us/news/world/us-officials-reportedly-considered-using-a-microwave-weapon-that-can-cause-second-degree-burns-to-deter-migrants-at-the-mexico-border/ar-BB18pzjB?li=BBnbcA1](https://www.msn.com/en-us/news/world/us-officials-reportedly-considered-using-a-microwave-weapon-that-can-cause-second-degree-burns-to-deter-migrants-at-the-mexico-border/ar-BB18pzjB?li=BBnbcA1)
- <sup>1711</sup> N.P. Zalyubovskaya, **Biological Effect of Millimeter Radiowaves**, Kiev, *Vrachebnoye Delo*, in Russian, 1977, No. 3: 116-199.
- <sup>1712</sup> Arthur Firstenberg, **5G and Phased Array**, EMF Facts Consultancy, Jan 22, 2018. [emfacts.com/2018/01/5g-and-phased-arrays/](https://emfacts.com/2018/01/5g-and-phased-arrays/)
- <sup>1713</sup> Larry Desjardin, **Does 5G pose health risks? (part 2)**, EDN, Network, Apr 24, 2019. [edn.com/electronics-blogs/5g-waves/4461840/Does-5G-pose-health-risks---part-2-?utm\\_source=newsletter&utm\\_campaign=link&utm\\_medium=EDNWeekly-20190502](https://www.edn.com/electronics-blogs/5g-waves/4461840/Does-5G-pose-health-risks---part-2-?utm_source=newsletter&utm_campaign=link&utm_medium=EDNWeekly-20190502) citing Joel Moskowitz, PhD., **5G Wireless Technology: Millimeter Wave Health Effects**, Electromagnetic Radiation Safety Nov 14, 2018. [saferevr.com/2017/08/5g-wireless-technology-millimeter-wave.html](https://www.saferevr.com/2017/08/5g-wireless-technology-millimeter-wave.html)

---

<sup>1714</sup> M. Snyder, **5G Danger: Hundreds Of Respected Scientists Sound The Alarm About Health Effects As 5G Networks Go Up Nationwide**, May 19, 2019. [endoftheamericandream.com/archives/5g-danger-hundreds-of-respected-scientists-sound-the-alarm-about-health-effects-as-5g-networks-go-up-nationwide](http://endoftheamericandream.com/archives/5g-danger-hundreds-of-respected-scientists-sound-the-alarm-about-health-effects-as-5g-networks-go-up-nationwide) citing Paul Ben-Ishai, PhD, **Potential Risks to Human Health from Future Sub-MM Communication Systems**, 2017 Forum, Israel Institute for Advanced Studies at Hebrew University, Jerusalem, [youtu.be/VuVtGldYXK4](https://youtu.be/VuVtGldYXK4)

<sup>1715</sup> **Accelerating Wireline Broadband Deployment by Removing Barriers to Infrastructure Investment**, Declaratory Ruling and Third Report and Order WT Docket No. 17-79; WC Docket No. 17-84, Sep 5, 2018. [docs.fcc.gov/public/attachments/DOC-353962A1.pdf](https://docs.fcc.gov/public/attachments/DOC-353962A1.pdf)

<sup>1716</sup> Sean Kinney, **FCC order to streamline small cell deployments looks to speed 5G**, Sep 5, 2018. [rcrwireless.com/20180905/policy/fcc-order-to-streamline-small-cell-deployments-looks-to-speed-5g](http://rcrwireless.com/20180905/policy/fcc-order-to-streamline-small-cell-deployments-looks-to-speed-5g)

<sup>1717</sup> Arthur Firstenberg and Monika Steinhoff, Lawsuit filed in the State of New Mexico, **First Amended Complaint for Declaratory Judgment and Injunctive Relief**, Case No. 1:18-cv-01209-LF-JHR, Jan 29, 2019. [cellphonetaskforce.org/wp-content/uploads/2019/01/Doc-19-First-Amended-Complaint.pdf](http://cellphonetaskforce.org/wp-content/uploads/2019/01/Doc-19-First-Amended-Complaint.pdf)

<sup>1718</sup> Erin Mundahl, **Native American Tribes Vow to Fight the FCC's 5G Plan** Mar 26, 2018. [govtech.com/policy/Native-American-Tribes-Vow-to-Fight-the-FCCs-5G-Plan.html](http://govtech.com/policy/Native-American-Tribes-Vow-to-Fight-the-FCCs-5G-Plan.html)

<sup>1719</sup> Derrick Broze, **Local Activism Against 5g on The Rise**, The Conscious Resistance YouTube channel, May 20, 2019. [youtu.be/WAOQT9Q1hbl](https://youtu.be/WAOQT9Q1hbl)

<sup>1720</sup> BN Frank, **Bruce Kushnick and The IRREGULATORS Win First Round Against The FCC. Exposing the \$500B Rip-Off Continues**, Jun 24, 2019. [activistpost.com/2019/06/bruce-kushnick-and-the-irregulators-win-first-round-against-the-fcc-exposing-the-500b-rip-off-continues.html](http://activistpost.com/2019/06/bruce-kushnick-and-the-irregulators-win-first-round-against-the-fcc-exposing-the-500b-rip-off-continues.html)

<sup>1721</sup> Josh del Sol, **Dissent Within FCC, as Its 5G Vote Basically Declares War Against Local Governments and Americans**, Sep 28, 2018. [takebackyourpower.net/dissent-fcc-5g-vote-declares-war-against-local-governments-americans/](http://takebackyourpower.net/dissent-fcc-5g-vote-declares-war-against-local-governments-americans/)

<sup>1722</sup> Jon Brodtkin, **Ajit Pai loses another court case as judges overturn 5G deregulation**, ARS Technica, Aug 9, 2019. [arstechnica.com/tech-policy/2019/08/ajit-pai-loses-another-court-case-as-judges-overturn-5g-deregulation/](http://arstechnica.com/tech-policy/2019/08/ajit-pai-loses-another-court-case-as-judges-overturn-5g-deregulation/)

<sup>1723</sup> **Statement by U.S. Conference of Mayors CEO & Executive Director Tom Cochran on FCC's Order Proposing to Usurp Local Property Rights**, Sep 10, 2018. [usmayors.org/2018/09/10/statement-by-u-s-conference-of-mayors-ceo-executive-director-tom-cochran-on-fccs-order-proposing-to-usurp-local-property-rights/](http://usmayors.org/2018/09/10/statement-by-u-s-conference-of-mayors-ceo-executive-director-tom-cochran-on-fccs-order-proposing-to-usurp-local-property-rights/)

<sup>1724</sup> American Public Power Association, **Association challenges FCC on regulation of pole attachments**, Jun 18, 2019. [publicpower.org/periodical/article/association-challenges-fcc-regulation-pole-attachments](http://publicpower.org/periodical/article/association-challenges-fcc-regulation-pole-attachments)

- 
- <sup>1725</sup> United States Court of Appeals, Case: 19-70326, Mar 7, 2019. [scientists4wiredtech.com/wp-content/uploads/2019/03/2019-0307-Joint-Opposition-to-FCC-Motion-to-Hold-in-Abeyanc.pdf](https://www.scientists4wiredtech.com/wp-content/uploads/2019/03/2019-0307-Joint-Opposition-to-FCC-Motion-to-Hold-in-Abeyanc.pdf) also see **5G Roll-out Facing \$1 Trillion Class Action Lawsuit**, Apr 12, 2019. [stateofthenation2012.com/?p=120705](https://stateofthenation2012.com/?p=120705)
- <sup>1726</sup> Jason Devaney, **FCC Chair, Family Still Receive Death Threats Over Net Neutrality**, Newsmax.com, Jun 11, 2018. [newsmax.com/politics/ajit-pai-fcc-internet-service-providers/2018/06/11/id/865500/](https://www.newsmax.com/politics/ajit-pai-fcc-internet-service-providers/2018/06/11/id/865500/)
- <sup>1727</sup> Barrie Trower, **Barrie Trower On 5G Microwaves ; There is No safe Place, No Where To Go**, Neverlosetruth YouTube channel, Feb 4, 2018. [youtu.be/-2DSKl1ts0w](https://youtu.be/-2DSKl1ts0w)
- <sup>1728</sup> Joe Imbriano on the Jeff Rense radio show, **Jeff & Joe Imbriano - The Wicked Dangers Of 5G Frequencies**, Jeff Rense YouTube Channel., Mar 28, 2018. [youtu.be/WinsLnM70cM](https://youtu.be/WinsLnM70cM)
- <sup>1729</sup> **Interview with Thermoguy Curtis Bennett by William Thomas**, Apr 27, 2019. [thermoguy.com/interview-with-thermoguy-curtis-bennett-by-william-thomas/](https://thermoguy.com/interview-with-thermoguy-curtis-bennett-by-william-thomas/)
- <sup>1730</sup> Chris Everard, **The Real Dr. Strangeloves**, digital book, [ChrisEverard.com](https://ChrisEverard.com), p. 75.
- <sup>1731</sup> Kate Khell, email communication dated Oct 13, 2018 referencing **Draft Small Cell Design Guidelines**, Jul 24, 2018. [kirsten6b.org/wp-content/uploads/2018/08/FINAL-DRAFT-SMALL-CELL-DESIGN-GUIDELINES-08232018.pdf](https://kirsten6b.org/wp-content/uploads/2018/08/FINAL-DRAFT-SMALL-CELL-DESIGN-GUIDELINES-08232018.pdf)
- <sup>1732</sup> William Kelly, **Official: Palm Beach exempt from 5G wireless law**, May 3, 2017. [palmbeachdailynews.com/news/20170503/official-palm-beach-exempt-from-5g-wireless-law](https://palmbeachdailynews.com/news/20170503/official-palm-beach-exempt-from-5g-wireless-law)
- <sup>1733</sup> **Six Jewish Companies Control 96% of the World's Media**, Jun 5, 2018. [birthofanewearthblog.com/six-jewish-companies-control-96-of-the-worlds-media/](https://birthofanewearthblog.com/six-jewish-companies-control-96-of-the-worlds-media/)
- <sup>1734</sup> **Jews and the Music industry**, [whale.to/c/Jews\\_and\\_the\\_music\\_industry.html](https://whale.to/c/Jews_and_the_music_industry.html)
- <sup>1735</sup> **Are American's Cattle, Do Some Within Hollywood Treat Us Like This?**, Apr 14, 2020. [veteranstoday.com/2020/04/14/herding-cattle-into-the-seductive-depravity-of-hollywoods-great-karmic-coral/](https://veteranstoday.com/2020/04/14/herding-cattle-into-the-seductive-depravity-of-hollywoods-great-karmic-coral/)
- <sup>1736</sup> Vigilant Citizen, **The Disturbing Meaning of Poppy's "Time is Up"**, Oct 18, 2018. [vigilantcitizen.com/musicbusiness/the-disturbing-meaning-of-poppys-time-is-up/](https://vigilantcitizen.com/musicbusiness/the-disturbing-meaning-of-poppys-time-is-up/)
- <sup>1737</sup> **Eurovision 2019 Finale and the Occult Meaning of Madonna's Controversial Performance**, May 22, 2019. [vigilantcitizen.com/moviesandtv/eurovision-2019-finale-and-the-occult-meaning-of-madonnas-controversial-performance/](https://vigilantcitizen.com/moviesandtv/eurovision-2019-finale-and-the-occult-meaning-of-madonnas-controversial-performance/)
- <sup>1738</sup> Daniel Strauss, **Elon Musk's SpaceX has a plan to deploy up to 30,000 new satellites — and Morgan Stanley says it could cost as much as \$60 billion**, Business Insider, Oct 18, 2019. [markets.businessinsider.com/news/stocks/spacex-satellite-plan-could-cost-60-billion-morgan-stanley-says-2019-10-1028611668](https://markets.businessinsider.com/news/stocks/spacex-satellite-plan-could-cost-60-billion-morgan-stanley-says-2019-10-1028611668)

- 
- <sup>1739</sup> Elon Musk, **Population Control: Not A Conspiracy Theory! Media & Scientists Are Calling For it**, AnOmay YouTube channel, Dec 2, 2019. [youtu.be/dQgbbAe00Ss](https://youtu.be/dQgbbAe00Ss)
- <sup>1740</sup> Frederick Douglas, as quoted by Josh del Sol in **Take Back Your Power 2017 (Official) – Smart Meter Documentary**, Aug 23, 2018. [youtu.be/8ZTiT9ZSg3Q](https://youtu.be/8ZTiT9ZSg3Q)
- <sup>1741</sup> **Electromagnetic Radiation Poses Threat to Russians**, March 14, 2014. [phonescausebraincancer.com/electromagnetic-radiation-poses-threat-to-russians](https://phonescausebraincancer.com/electromagnetic-radiation-poses-threat-to-russians)
- <sup>1742</sup> Renee Parsons, **The WiFi Alliance, Coming Soon to Your Neighborhood: 5G Wireless**, July 6, 2018. [globalresearch.ca/coming-soon-to-your-neighborhood-5g-wireless/5646667](https://globalresearch.ca/coming-soon-to-your-neighborhood-5g-wireless/5646667)
- <sup>1743</sup> Katheleen Doheny, **Rise in Chronic Childhood Health Problems**, Feb 16, 2010. [webmd.com/children/news/20100216/rise-in-childhood-health-problems#1](https://webmd.com/children/news/20100216/rise-in-childhood-health-problems#1)
- <sup>1744</sup> World Mecury Project Team, **Is Modern Toxic Life Responsible for Skyrocketing Childhood Cancers?**, Sep 26, 2018. [healthimpactnews.com/2018/is-modern-toxic-life-responsible-for-skyrocketing-childhood-cancers/](https://healthimpactnews.com/2018/is-modern-toxic-life-responsible-for-skyrocketing-childhood-cancers/)
- <sup>1745</sup> **Dr. Brian Hooker: Vaccines Cause More Autism Than The CDC Will Admit!**, Mar 31, 2014. [socioecohistory.wordpress.com/2014/03/31/dr-brian-hooker-vaccines-cause-more-autism-than-the-cdc-will-admit/](https://socioecohistory.wordpress.com/2014/03/31/dr-brian-hooker-vaccines-cause-more-autism-than-the-cdc-will-admit/). In particular, see this graph: [socioecohistory.files.wordpress.com/2014/03/autism\\_on\\_the\\_rise.png](https://socioecohistory.files.wordpress.com/2014/03/autism_on_the_rise.png)
- <sup>1746</sup> Dr. Martin Pall, PhD, **5G: Great risk for EU, U.S. and International Health!**, Released May 17, 2018, p 26. [peaceinspace.blogs.com/files/5g-emf-hazards--dr-martin-l.-pall--eu-emf2018-6-11us3.pdf](https://peaceinspace.blogs.com/files/5g-emf-hazards--dr-martin-l.-pall--eu-emf2018-6-11us3.pdf)
- <sup>1747</sup> **Bill Gates wants a Billion Dead! Vaccines and Health Care will do the Job!**, YouTube channel of ScootleRoyale, Feb 28, 2010. [youtu.be/WUJMR3BUm2s](https://youtu.be/WUJMR3BUm2s)
- <sup>1748</sup> Hank Berrien, **NY Governor Cuomo Celebrates Allowing Abortion Up Until Birth, Orders World Trade Center Lit Pink**, Jan 23, 2019. [dailywire.com/news/42529/ny-governor-cuomo-celebrates-allowing-abortion-hank-berrien](https://dailywire.com/news/42529/ny-governor-cuomo-celebrates-allowing-abortion-hank-berrien)
- <sup>1749</sup> NSNBC International, **Bill Gates’ Polio Vaccine Program Caused 47,500 Cases of Paralysis Death**, May 8, 2013. [nsnbc.me/2013/05/08/bill-gates-polio-vaccine-program-caused-47500-cases-of-paralysis-death/](https://nsnbc.me/2013/05/08/bill-gates-polio-vaccine-program-caused-47500-cases-of-paralysis-death/)
- <sup>1750</sup> Tiffany O’Callaghan, **Male Birth Control: Stopping Sperm with Ultrasound**, Time, May 14, 2010. [healthland.time.com/2010/05/14/male-birth-control-stopping-sperm-with-ultrasound/](https://healthland.time.com/2010/05/14/male-birth-control-stopping-sperm-with-ultrasound/)
- <sup>1751</sup> **Deagel, a real intelligence organization for the U.S. government, predicts massive global depopulation (50-80%) by 2025**, post by rebelskum, 2016. [steemit.com/news/@rebelskum/deagel-a-real-intelligence-organization-for-the-u-s-government-predicts-massive-global-depopulation-50-80](https://steemit.com/news/@rebelskum/deagel-a-real-intelligence-organization-for-the-u-s-government-predicts-massive-global-depopulation-50-80)

- 
- <sup>1752</sup> Deagle.com, [deagle.com/country/United-States-of-America\\_c0001.aspx](https://deagle.com/country/United-States-of-America_c0001.aspx)
- <sup>1753</sup> **Deagle, a real intelligence organization for the U.S. government, predicts massive global depopulation (50-80%) by 2025**, [steemit.com/news/@rebelskum/deagle-a-real-intelligence-organization-for-the-u-s-government-predicts-massive-global-depopulation-50-80](https://steemit.com/news/@rebelskum/deagle-a-real-intelligence-organization-for-the-u-s-government-predicts-massive-global-depopulation-50-80)
- <sup>1754</sup> Deagle.com, United Kingdom, [deagle.com/country/United-Kingdom\\_c0209.aspx](https://deagle.com/country/United-Kingdom_c0209.aspx)
- <sup>1755</sup> Deagle.com, Germany, [deagle.com/country/Germany\\_c0078.aspx](https://deagle.com/country/Germany_c0078.aspx)
- <sup>1756</sup> Deagle.com, United States of America, [deagle.com/country/United-States-of-America\\_c0001.aspx](https://deagle.com/country/United-States-of-America_c0001.aspx)
- <sup>1757</sup> Dr. Rima Laibow, **Dr Rima - The Globalist Agenda: The Great Culling**, NaturalSolutions YouTube channel, Apr 2, 2010. [youtu.be/\\_gWmVtn5JsA](https://youtu.be/_gWmVtn5JsA)
- <sup>1758</sup> *ibid*
- <sup>1759</sup> **An Interview with Dr. Archie Kalokerinos MD** by Dr Kris Gaublonne MD June 1995, as posted at Vaccine Information Network. [vaccinationinformationnetwork.com/an-interview-with-dr-archie-kalokerinos-md/?fbclid=IwAR2W4XSlAMy79ZW0cTZ3z\\_6NFrttletCoHYi8TScrSdwrN5KpEqK-Rlns](https://vaccinationinformationnetwork.com/an-interview-with-dr-archie-kalokerinos-md/?fbclid=IwAR2W4XSlAMy79ZW0cTZ3z_6NFrttletCoHYi8TScrSdwrN5KpEqK-Rlns)
- <sup>1760</sup> Eric Roston, **Earth Needs Fewer People to Beat the Climate Crisis, Scientists Say**, Nov 5, 2019. [bloomberg.com/news/articles/2019-11-05/scientists-call-for-population-control-in-mass-climate-alarm](https://bloomberg.com/news/articles/2019-11-05/scientists-call-for-population-control-in-mass-climate-alarm)
- <sup>1761</sup> As quoted by Michael Snyder, **45 Population Control Quotes That Show The Elite Are Quite Eager To Reduce The Number Of People On The Planet**, Nov 6, 2019. [activistpost.com/2019/11/45-population-control-quotes-that-show-the-elite-are-quite-eager-to-reduce-the-number-of-people-on-the-planet.html](https://activistpost.com/2019/11/45-population-control-quotes-that-show-the-elite-are-quite-eager-to-reduce-the-number-of-people-on-the-planet.html)
- <sup>1762</sup> *ibid*
- <sup>1763</sup> *ibid*
- <sup>1764</sup> *ibid*
- <sup>1765</sup> *ibid*
- <sup>1766</sup> *ibid*





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