Is 5G Technology Truthfully Harmful to Our Health?

5G technology is acclaimed by governments and industry world-wide. We’ve been promised this new technology is transformative, will improve our lifestyles, bring great economic benefits and, of course, is perfectly safe. But is it?

Since this technology has been deployed around the globe it has become a subject of intense scrutiny and widespread disagreement. Primarily because of the lack of clarity around the technology. However, the issue causing most concern is where the masts are built, the impact they may have on the human body, particularly the older generation and the very young, from both a physical and mental perspective.

Increasingly, health experts are questioning the safety of the unevaluated and more-often otherwise highly secretive uses of the 5G technology. This technology enables us to transmit data at speeds unachievable in the past. Yet, transmitter density is something that we feel can expose people to electromagnetic fields (EMF) that rising evidence suggests could be harmful to our health.

Unlike the legacy 3G and 4G transmitters, 5G uses higher frequency radio waves: Microwaves. While these microwaves allow faster internet speeds for far more devices, these waves won't travel the same distance, especially in built up areas, as their predecessors. Consequently, 5G requires us to deploy more masts to enable it to provide this new service. They also need to be closer to the ground, and closer to other devices to strengthen the signal that they all share to improve speed.

Right now, according to governments and industry, there is no ‘conclusive evidence’ that 5G EMF is actually harmful to our health. However, there is also no conclusive evidence that it is not either. Even the World Health Organization agrees that “There is limited research on the frequencies used in 5G”. Many other bodies share the same view. For example: A 4G transmitter has an exclusion zone of 20 meters. Guidelines issued by the International Commission on Non-Ionizing Protection require the exclusion zone around a 5G transmitter to be 50 meters. That’s just a little bit over 164’ if you’re curious.

A study by the Department of Biotechnological and Applied Clinical Sciences at the University of L’Aquila, Italy into the impact of EMF on cognitive function, while reaching no conclusive evidence, called for: “Further research is needed, particularly in real working settings and environments”.

A study into EMF heating of human tissue conducted by the Information Engineering, Electronics and Telecommunications Department of the University of Rome says that our bodies and brains experience a rise in temperature when exposed to EMF. It also found that EMF related heating gets worse the older a person is. The higher the EMF the more they absorb because older people have reduced skin thickness. While not reaching any conclusive evidence, the University believes: “More research is necessary to determine how 5G specifically affects human tissue”.

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The impact of microwaves on the very young populations is also of great concern because their bodies are smaller, their skulls are not fully developed, and their brain tissue is more absorbent. There have been many studies published on this subject (Thanks to Morgan L, Kesari S, Davis D, et al. (2014). We can definitely understand why children absorb more microwave radiation than adults. Reference below)

Reference: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7642138/

The fact that brain tumors have overtaken childhood leukemia as a leading cause of cancer death among our children is a cause for great concern. In some countries, such as France, they restrict or ban masts from being situated near schools and playgrounds, what they refer to as child education sites and settings. Others, such as the UK, require all mast construction to comply with the standards set by the International Commission on Non-Ionizing Protection.

In 2011, the World Health Organization classified certain radio frequencies as Group 2B ‘Possibly carcinogenic to humans.” Numerous cancer organizations have reached the same conclusion and are calling for more studies to determine if the new 5G frequency contributes to cancer incidences.

In 2020 more than 3,000 medical and scientific experts from around the globe called for action on the subject, especially more research into the impacts of 5G on the human body. They were supported by a wide range of world-wide highly reputed organizations such as:

Alborada Foundation (Spain)
American Academy of Environmental Medicine (AAEM)
Australian College of Nutritional and Environmental Medicine (ACNEM)
European Academy for Environmental Medicine (EUROPAEM)
Italian Association of Doctors for the Environment (ISDE Italia)
Kompetenzinitiative (Germany)
National Association of Environmental Medicine (NAEM USA)
Ralf Meyer Akademie Komplementarmedizin
EM Radiation Research Trust (RRT)
Environmental Health Trust (EHT)
International EMF Alliance (IEMFA)
International Guidelines on Non-Ionising Radiation (IGNIR)
Oceania Radiofrequency Scientific Advisory Association (ORSAA)

Clearly, the concern about the impact 5G may be having on our lives is growing. Calls for more research and studies by reputed individuals, universities and health organizations cannot continue to be ignored by those in authority. CIFR and CPR NEVADA don’t believe that the expansion of 5G across the State, or country, can be halted. However, we do believe that if these new 5G masts are situated in built up areas it is of great concern. It’s our view that placing them on hospitals and school buildings, and around playgrounds and parks for that matter, is extremely dangerous for our elderly, sick and very young. We believe the people of Nevada, and the United States, deserve better than this and we are prepared to do all we can to see they get it.