

Wanna be DEAF? Put WIRELESS on your head!

- ◆ In 2005, a Spanish medical study conducted at the University of Valencia reported hearing loss among 323 healthy volunteers who were followed during three years of cell phone use. In 2006, the Department of Otolaryngology at the Medical School of Dicle University in Turkey concluded: "**This study shows that a higher degree of hearing loss is associated with long-term exposure to electromagnetic (EM) fields generated by cellular phones.**"
- ◆ In 2007, medical research by the American Academy of Otolaryngology found that microwave phone radiation incrementally damages the inner ear, **causing high frequency hearing loss.**
- ◆ In 2010, doctors in India reported a **50% hearing loss** among cell phone users in a case-control study: "**High frequency loss and absent distortion product otoacoustic emissions [sounds generated by the inner ear] were observed with an increase in the duration of mobile phone use....Long-term and intensive mobile phone use may cause inner ear damage.**"
- ◆ In 2011, the same Indian research group reported: "**The damage done was bilateral, with the quantum of damage being the same for both GSM and CDMA [modulation technologies]....Long-term and intensive GSM and CDMA mobile phone use may cause damage to the cochlea as well as the auditory cortex.**"
- ◆ In 2013, Saudi researchers with the Department of Otolaryngology at King Saud University found that test subjects who used a 3G mobile phone for sixty minutes at a time [a fraction of the time Americans spend talking on wireless phones] **suffered an immediate effect** on their hearing threshold levels.
- ◆ In 2013, an epidemiological study published in *Electromagnetic Biology and Medicine* reported **hearing loss and tinnitus** along with headaches and vertigo/dizziness from wireless phone exposure.
- ◆ In 2014, scientists from Nepal and South Korea showed that microwaved mice suffered a significant decrease in two vital auditory chemicals needed to maintain hearing health, leading to a "**detrimental effect of RF exposure in the auditory nuclei.**" A 2015 Turkish study showed microwaved rats suffer **severe degeneration of their auditory systems**, including: edema (tissue swelling), the development of cochlear vacuoles (abnormal holes) and pyknosis (degeneration and shrinking of cells) in the cochlear nucleus.
- ◆ Again in 2016, scientists reported that 2.1 gigahertz cell phone radiation causes an increase in neuronal degeneration and apoptosis (cell death) in the auditory system of rats. Especially damaged was the cochlear nuclei. The microwave frequency of 2.1 gigahertz is within the realm of today's 4G/LTE smart device radiation and also Wi-Fi signals.
- ◆ In 2018, scientists once again reported that human test subjects who assault their ear canals with mobile phone radiation --even for short periods per day-- suffer obvious DNA damage to their **follicle hair cells** within the ear canal. **The destruction of hair follicle cells is irreversible** and results in **permanent degrees of deafness.**
- ◆ No one yet knows what super hot 5G millimeter wave phones (28 GHz) will do to human hearing!

Want EYE DAMAGE? Put WIRELESS on your head!

- ◆ In 2007, British researchers reported that cell phones emitting 900 megahertz or 1.8 gigahertz can raise the temperature in the eyes by 1.4 degrees centigrade. In 2010, scientists from Charotar University of Science and Technology in India confirmed that mobile phone radiation, supposedly flowing at non-thermal levels, heats the eyes enough to cause damage affecting the retina, sclera, lens, cornea and vitreous humor.
- ◆ In 2007, Chinese researchers published a study on protein changes in human eye lenses exposed to 1.8 gigahertz from GSM mobile devices. Microwaved lenses showed abnormal changes in four different proteins. Inducing protein abnormalities in the eye is dangerous because cataracts form after tissue proteins pathologically clump together and scatter light abnormally.
- ◆ In 2008, an Israeli-US study found that cell phone radiation causes "irreversible morphological and biochemical damage to the lens epithelial cell layers." Lens tissues can actually become pitted with bubbles, a precursor to cataract formation. These scientists advised people to stop irradiating their eyes with mobile phones and use landlines, pending further research.
- ◆ In 2011, the government of India warned that cell phone radiation is mainly absorbed by the skin of the head and face, causing the temperature to rise by a fraction of a degree. It confirmed that this minor heating causes eye damage because the cornea, like the lens, has no capacity for temperature regulation or dissipation of heat generated by wireless microwave devices.
- ◆ In 2013, the Environmental Health Trust reported: "A recent study from Memorial Sloan-Kettering Cancer Center reported this month that normal working cell phones can create tiny hotspots within living brain tissue. But safety standards for the world's more than six billion cell phones today assume that weak radiation from phones cannot possibly produce any heat. This finding in one of the world's top science journals, *Proceedings of the National Academy of Sciences*, indicates this assumption is wrong." What cooks the brain also cooks the eyes.
- ◆ In 2013, Chinese researchers, noting that billions of people now communicate with 900 megahertz and 1.8 gigahertz cell phones, exposed human eye lens epithelial cells to low intensity radiation propagated at 1.8 gigahertz. Their study documented gene and protein disruptions, plus severe oxidative stress which is "implicated in many ophthalmological disorders, e.g., senile cataracts, age-related macular degeneration of the retina and dry eye disease."
- ◆ Studies conducted at the University of Essen in Germany confirmed that the iris and the base of the retina efficiently absorb damaging cell phone radiation. The retina is home to the macula, vital to clear vision. Also at Essen, a leading cancer treatment center, scientists reported that those who use RF/microwave walkie talkies are over THREE TIMES more likely than non-users to develop eye cancer. Those who use mobile phones are FOUR TIMES more likely than non-users to develop eye cancer.
- ◆ No one yet knows what super hot 5G millimeter wave phones (28 GHz) will do to human eyes!

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