

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 reported that microwave phone radiation incrementally damages the inner ear, causing hearing loss.
- ◆ In 2010, doctors in India reported 50% hearing loss among cell phone users in a case-control study: "The damage done was bilateral, with the quantum of damage being the same for both GSM and CDMALong-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 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 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 crucial to hearing. The microwave frequency of 2.1 gigahertz is within the realm of 4G/LTE smart device radiation and Wi-Fi.
- ◆ In 2018, scientists reported that humans who assault their ear canals with mobile phone radiation—even for short periods— suffer DNA damage to follicle hair cells within the ear canal. The destruction of hair follicle cells is irreversible and leads to permanent deafness.

No one yet knows what 5G millimeter wave phones (28-40 GHz) 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 heats the eyes enough to cause damage **affecting the retina, sclera, lens, cornea and vitreous humor**.
- ◆ In 2007, Chinese researchers studied **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.
- ◆ In 2011, the government of India warned that cell phone radiation is 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. Safety standards for the world's more than six billion cell phones assume that weak radiation from phones cannot produce 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 exposed human eye lens epithelial cells to low intensity radiation propagated at 1.8 gigahertz. The 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 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**. 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 5G millimeter wave phones (28-40 GHz) do to human eyesight!

Get the Facts: Wi-Cancer.info

