



## Increased Cell Phone Damage As Number Nears 6 Billion CDC ranks cell phones with lead and chloroform.

Smart Sugars Lesson #81

by JC Spencer

Home phones are declining as cell phones populate the planet. In 1939 we did not have electricity but, I remember the hand cranked phone on the wall from my earliest days. There were 15 million phones in America when I was born.

Home phones grew in the US from 3,000 in 1877 to 10,000 by mid-1878, 800,000 by 1900 and by 1948 there were 30 million landline phones which increased to 100 million by 1971.

Today there are over 5.6 billion cell phones in the world, some 330 million in the US, 885 million in India, and 952 million in China. Africa has doubled cell phone subscriptions the last four years to 500 million. People are dropping their landline phones for more cells. A CDC study showed more than 30% of the households no long have landlines. They were replaced by cell phones. Several studies conclude that cell phones and cordless devices have about the same adverse effects on health as smart meters, lead, and chloroform.

With this massive usage of cell phones comes increased electron beam radiation. Many illnesses from electromagnetic hypersensitivity to certain cancers and disorders of the immune system have been traced to cell phone use. There is also evidence that the increase in the incidence of autism is due to RF radiation doing damage to the developing brains of unborn and young children.

RF is a type of non-ionizing radiation. This means that it can charge atoms by producing an electrical charge that passes through tissue but is not high enough to strip off electrons from an atom forming an ion but is high enough to move electrons to a higher energy state. The tissues in the human body absorb this energy. It may be the pulsating nature of the RF signal that caused the most damage as it interferes with DNA transcription and repair. When the brain cells are activated they increase the consumption of glucose which can produce a hormonal imbalance as more insulin is required. A study in the UK indicated 50% of the people never turn off their cell phones. The World Health

Organization (WHO) classified the EMF produced by cell phones as "possibly carcinogenic," placing cell phones in the same category as chloroform and lead. WHO also found prolonged cell phone radiation exposure is linked to brain tumors such as glioma, a type of malignant tumor that forms in the brain or spine.

Dr. Dietrich Klinghart, M.D., Ph.D., of the Institute of Neurobiology in Seattle, published a study concluding that the incidence of autistic babies has increased 300% in the last ten years (1 in 150 in 2002 to an estimated 1 in 50 babies today). His pilot data suggests that RF radiation in the sleeping environment of mothers during pregnancy, as well as EMF in the sleeping environment of children, may be a contributing factor. More reports are indicating tumor development in areas close to cell phone usage.

Cell phone advice: Keep your cell phone away from your body most of the time. Charge it in another room preferably with it OFF. Use the speaker where possible instead of having it next to your head. Stay strong and modulate your immune system with good nutrition including Smart Sugars.

One sugar forms protective stress barriers like little Faraday cages around cell tissue. Scientist at the Université de Lausanne in Switzerland were surprised to learn that cells were protected from electron beam microscopy damage when those cells were coated with the sugar trehalose. More studies are required and it is my intent to conduct research in this area in the coming months.

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