

Alzheimer's and Dementia – The Cell Phone and Cordless Phone Connection

More than 26 million people worldwide are stricken by Alzheimer's disease, and a new forecast says the number will quadruple by 2050. At that rate, at least one in 85 people onboard planet Earth will be brain-wiped within 40 years. [AP June 10/07]

“A whole generation of teenagers face premature senility in the prime of their lives due to the use of mobile phones and new wireless technology.” [RFSafe.com Nov26/03]

“With the weakening of the Blood Brain Barrier, the human brain is powerless against viruses, blood impurities and food additives. The glucose in the blood penetrates into the brain and destroys neurons. Proteins present in the brain may cause Alzheimer's and Parkinson's diseases. The barriers of cells are drastically weakened as well”. – Dr. Miguel Muntané

“Lief Salford's research on microwaves and the Blood Brain Barrier is probably very relevant. The BBB protects the brain from toxins and viruses. About 2 minutes on a cell phone can open the BBB and allow toxins, including prions, into the brain”. – Dr. Neil Cherry

One of the first indications of dementia – and a common side effect of frequent ‘cordless’ cell and portable phone use – is memory loss. French researchers have found that the abnormal proteins found in Alzheimer's cases always deposit in the hippocampus first. Cell phone radiation is directly implicated in forming these abnormal proteins. [Proceedings of the Second Kuopio Alzheimer Symposium, Finland, Jan/01]

British researchers confirm that cell phone radiation changes the shape of brain proteins, causing them to clump together and reach out with pathological fibrils like those found in patients afflicted with Alzheimer's and Parkinson's. [Microwave News May/June 2003]

“Irradiated neurons in the brain die rapidly because these nerve cells have a low capacity for DNA repair.” [Paper presented by Dr. Henry Lai at the Mobile Phones and Health Symposium, in Vienna, Austria Oct 25-28/98]

Melatonin has been shown to help prevent Alzheimer's. Melatonin also blocks estrogen's propensity to develop breast tumors in women. Eleven published epidemiologic studies in residences and workplaces show Microwaves emitted by cell phones and portables, wireless routers and cell phone towers sharply reduce melatonin production. [Bioeffects Initiative]

“Now we have both a possible mechanism (leakage of large molecules such as albumin through the blood-brain barrier) and direct evidence of neuronal death in rats. This occurred at 2 mW/kg SAR level... mobile phones are allowed (ICNIRP) to put up to 1000 times this SAR (2000 mW/kg or 2 W/kg) into the user's head! Extensive brain cell death was seen by an exposure level of 20 mW/kg for just one two hour period. All mobile phone use with the phone held next to your ear will cause at least this level of microwave exposure to your brain cells – most phones can put more than 200 mW/kg into your brain cells when they are working.” – Dr. Leif Salford, Lund University, Sweden

“When neurons die, they are dead. They do not get resurrected. To start with, effects are not likely to show up at all, but then 'forgetfulness' is likely to increase so that you need to look more things up again and again so that other neuronal pathways can be created in your brain to remember the information. You will probably have to start to write lists of tasks that you need to do. Eventually a point is reached where catastrophic failure occurs with the rapid onset of significant dementia. There has been some recent brain research that shows that "keeping an active brain" can generate some new brain tissue even into old age. However if you have already developed early brain death it is unlikely that you would be able to be mentally active enough for this to happen.” – Dr. Leif Salford