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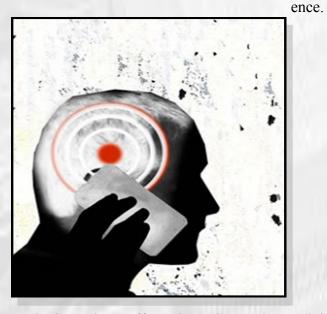
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Effects of Radiation from Electronic Gadgets on Humans

Each of the gadget emits some sort of radiation. So is this good for you?

For many years, people were questioning if the radiation from mobile phones had any effect on humans. However, in the past 5 years, the discussions in mainstream media seem to have died down. So has the radiation simply went away? The answer is no. It is still around, and although each device might be emitting less radiation, we are now using more devices. Even though people have stopped talking about it, it is still a problem. Worse of all, the experts still cannot be sure if they are good or bad for humans.

Do a search on Google for "cell phone radiation effects on human". Look through the first few pages and you will see that the opinion is very divided. Some experts say it causes cancer, can destroy brain cells, increases human reaction time and affects sleeping patterns. However, some experts say that a small amount of radiation can actually improve your health and thinking ability. There are also those that says that the small amount of radiation simply does not make any differ-



Extremely hazardous effects have been observed in humans who have direct exposure to microwaves, without even having eaten food made in such ovens. There is ample research material available and easy to find on the internet, therefore I would just like to mention that persons near operating microwave ovens experience a breakdown of their life-energy fields. This of course increases relative to the length of exposure. Furthermore their cellular energy decreases, their metabolism destabilizes and there is evidently cell damage. There are many more factors, for example that humans, animals and plants within a 500 meter radius of operating microwave equipment suffer long-term, cumulative loss of vital energies, all the way to hormone imbalances and psychological disorders in humans.

It is known that short term exposure of microwaves exuded from a cell phone, depending on how far the antenna is from the head, can penetrate as much as 11/2 inches into the brain, but this study focuses more on the long term effects and how EMF impacts specific brain proteins. This provides new evidence of the potential relationship between EMF and health complications stemming from EMF such as headaches, dizziness, sleep disorders, and even tumors and Alzheimer's disease.

Cell phone is kept most of the time either in the chest pocket or trouser pocket. Even if it is not in use, it still interferes with the nearby connection towers and emitted radiation can be harmful to the area of human body close to the cell phone. This can lead to disturbance in the heart beat patterns because the natural electrical pacemakers interfere with the artificial radiation generated through mobile communication.

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Similarly, keeping mobile phone in trouser pocket increases manifold, the possibility of reduced sperm count. A person could also suffer headaches, eye irritation, loss of appetite, nausea, sleep disruption and mood swing. Children are at greater risk due to thinner skulls. Their developing nervous system and associated brainwave activity are more vulnerable.

We could stop using all our electronic devices from now. Alternatively, there is a very specific branch of research that is looking into ways to balance the *bad radiation* that humans absorb from electronic devices.

Their aim is to attempt to emit the inverse radiation so that the total balances out. Think of it a +1 plus -1 creates 0. They call the balancing radiation positive radiation and the area of research electromagnetic balancing. We do not get anything positive out of it, but at least it neutralises the negative effects of radiation, which by itself is a big improvement.

This is cutting edge research but at least there is hope. Whether you believe that radiation from electronic gadgets is good or bad for you, it is important that you understand the risks and take adequate measures to protect yourself. It is a real problem that affects everyone.

EMF protection and shielding devices are available but in general it is best to start using common sense and make sure to be as little as possible exposed to EMFs.

Avoid cafes and restaurant that lure customers by offering free Wifi and have a look around your house and eliminate any gadgets that you don't really need, switch off those that you aren't using, remove that cordless phone from your bedside table and don't sleep with your mobile!



Prof. Shoaib Shaikh (Assistant Professor)

"An inventor fails 999 times, and if he succeeds once, he's in. He treats his failures simply as practice shots."-

Charles F. Kettering