



California Brain Tumor Association

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To the Los Angeles Unified School District:

Society has seen an increase in brain tumors, other cancers and illnesses in relation to the increase of radio-frequency electromagnetic fields. The California Brain Tumor Association is aware of the recent 1,800 independent studies showing deleterious effects from this non-ionizing radiation **including cancer, autism, and damage to sperm, fetuses and reproductive organs**. The FCC standards do not take into account the non-thermal effects of this radiation. It has been proven that this non thermal radiation permeates the blood brain barrier, damages DNA and causes cancer.

Children and teens are most vulnerable as the radiation is absorbed deeper into their still-maturing bodies. The standards for emissions are based on a 6 foot 2 inch, 200 lb. men, not on women, children or the elderly. The American Academy of Pediatrics recently sent a letter to the FCC advising them to change their 16 year old obsolete "safety" standards. Dr. Robert Block, President of the American Academy of Pediatrics stated "children, however, are not little adults and are disproportionately impacted by all environmental exposures.... In fact, according to IARC...the average RF energy deposition is two times higher in the brain and 10 times higher in the bone marrow of the skull. It is essential that any new standard for cell phones or other wireless devices be based on protecting the youngest and most vulnerable populations to ensure they are safeguarded throughout their lifetimes."

The AAP letter continues with "Finally, in reviewing the SAR standard, the FCC has the opportunity to highlight the importance of **limiting media use among children**. Studies consistently show that older children and adolescents utilize media at incredibly high rates, which potentially contributes to obesity and other health and developmental risks. In reviewing the SAR limit, the FCC has the opportunity to improve the health of our nation by highlighting the importance of limiting screen time and media use for children and adolescents."

WiFi does not belong in schools. Our children and grandchildren are being involuntarily subjected to cumulative amounts of **radiofrequency electromagnetic fields which is classified possibly carcinogenic by the World Health Organization** based on an increased risk of deadly brain cancers associated with wireless phone use. The cumulative emissions children and teens are being subjected to daily are not monitored by any governmental agency.

Three national cancer registers including the LA County registry have recently reported an increase in brain tumors in the temporal and frontal lobes, the area to which the cellular phone is held. Wifi is not held to the head but has powerful effects on small bodies when subjected to this possible carcinogenic for hours daily.

We ask that schools remain wired by Ethernet cable. If all schools utilize WiFi, the

results will be costly in terms of human life and a subsequent drain on the economy due to healthcare costs and deaths. The convenience is not worth the health risk. Please give this serious consideration. If you need more information do not hesitate to contact me.

Thank you.

Ellen Marks