CHILDREN ARE MORE VULNERABLE TO WIRELESS RADIATION

Cell phones and wireless devices emit radiofrequency (RF) radiation, a non-ionizing electromagnetic field (EMF).

Children have higher RF exposures:
- Thinner skulls and a higher water content in tissues.
- Smaller heads result in a shorter distance for the RF to travel from the skull to critical brain regions important for learning and memory.

Children are more sensitive:
- Rapidly developing brains and systems.
- More active stem cells, found to be more impacted by RF.

Children will have a longer lifetime of exposure from numerous sources, starting before birth.

Growing scientific evidence links RF to cancer (brain, breast, thyroid), memory damage, hyperactivity, behavior issues, headaches, oxidative stress and genotoxicity as well as impacts to sperm, the endocrine system and brain development.

RECOMMENDATIONS FOR POLICIES TO REDUCE EXPOSURE

"Children are not little adults and are disproportionately impacted by all environmental exposures, including cell phone radiation." — American Academy of Pediatrics

"Take all reasonable measures to reduce exposure to electromagnetic fields, particularly the exposure to children and young people who seem to be most at risk from head tumors, particularly in schools and classrooms, give preference to wired internet connections, and strictly regulate the use of mobile phones by schoolchildren..." — The Parliamentary Assembly of Europe Resolution 1815

U.S. Medical & Public Health Recommendations to Reduce Children's Exposure
- American Academy of Pediatrics Cell Phone Tips, 2016
- New Jersey Education Association, 2016
- California Department of Health Cell Phone Advisory, 2017
- Maryland State Children's Environmental Health and Protection Advisory Council: Wi-Fi in School, 2016; Reduce EMF, 2016
- New Hampshire Commission on 5G, Health & Environment, 2021
- Santa Clara Medical Association Best Practices in Schools, 2023

Santa Clara Medical Association School Best Practices
- Create a “Safe Tech in Schools Program” to educate students and staff on why and how to reduce wireless
- Educate school nurses on RF and blue light effects and create a health monitoring and reporting program
- Reduce blue light from screens
- Promote cell phone-free policies
- Reduce RF via turning Wi-Fi routers off and increasing distance
- Prefer hard-wired ethernet instead of Wi-Fi when possible
- Professional RF measurements
- Avoid smart meters
- Consider policy to restrict cell towers on or near school property

Conclusions for 5G and Emerging Technologies

- French: "No regulatory guidelines for 5G in France."
- Russian: "Mobile networks must be switched off during the day, especially during the period of 10:00-13:00."