

THE AMERICAN ASSOCIATION FOR CELL PHONE SAFETY



Member of our group after brain cancer surgery. (shall remain anonymous for fear of job repercussions). His tumor is believed to have been caused by his cell phone.

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Mission Statement...

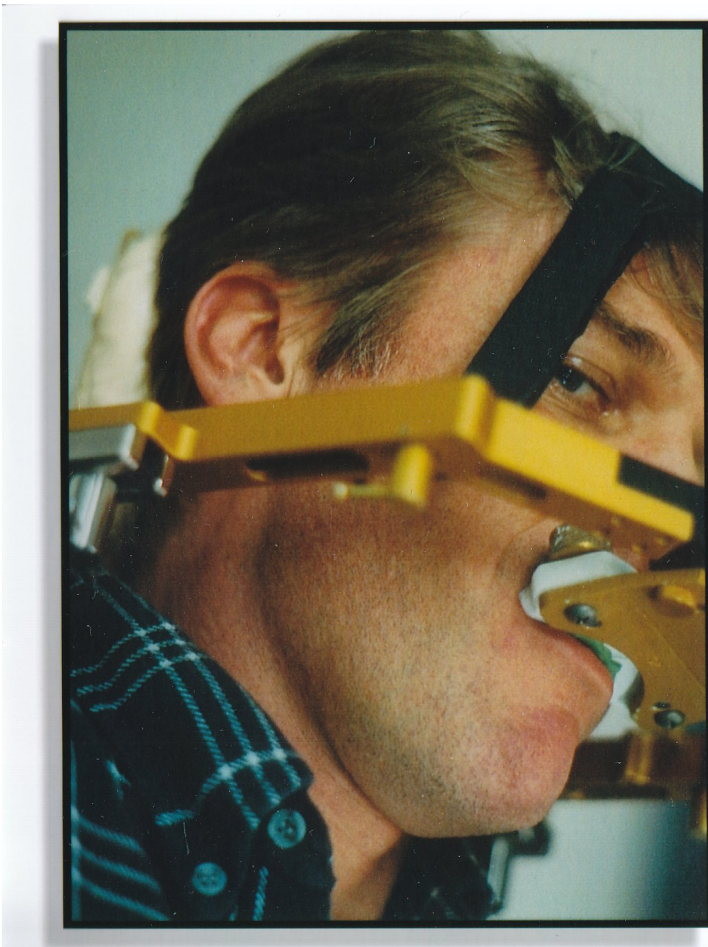
The American Association for Cell Phone Safety is a an organization dedicated to protecting people as opposed to corporate profits, from harmful radiation as emitted from cell phones, WIFI, cell towers and antennas.

Who We Are...

Our members are ordinary citizens from all walks of life who's health has been effected by this radiation and who wish to protect others from getting sick or dying from exposure to this radiation. We are also people who have not yet been directly ill-ed by our cell phones or even the infrastructure, but demand full disclosure to the public, on the health effects of these radiation emitting devices and the infrastructure as well as protective laws for human health.

Currently...

We are advocating warning labels on cell phones for the health and safety of our children's lives as well as our own. We cannot say, "We didn't know."



Member and plaintiff for cell phone induced brain cancer, Dino Schofield, undergoes radiation therapy.

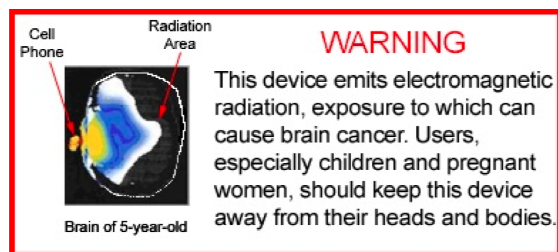
Currently, The Children's Wireless Protection Act, a bill calling for warning labels on cell phones and other PDA's, has been introduced in the state of Maine. We have commitments from CA to introduce the bill (after mid term elections) and have legs in Oregon moving towards it's introduction. Additionally, a few representatives at the federal level have expressed interest in introducing the bill. Here are some samples of bill language and mock-up of the actual label...

Suggested Language and label Federal Level, states of CA, MA, NY and Oregon...



“WARNING, this radiation emitting device has not been pre-market tested for safety. Users, especially children and pregnant women should keep away from the head and body.”

Actual Language and label in the State of Maine...



“WARNING, this device emits electro magnetic radiation, exposure to which may cause brain cancer. Users, especially children and pregnant women should keep away from the head and body.”

“NON-IONIZING RADIATION”

A CLASS 2 B Carcinogen NOT FOUND on the IARC website

We find it strange that non-ionizing radiation is nowhere to be found on the IARC website, being that the WHO has been involved with million dollar, decade long, studies involving multiple countries, including heading up the famous Interphone study. That said, ELF and EMF are listed as class 2B possible carcinogens. Non-ionizing radiation, what we and our children are exposed to on a daily basis with cell phones, WIFI and the infrastructure, clearly involve EMF. Proximity and exposure time are part of what calculates illness in relation to these products. Exposing our children to a possible carcinogen on a daily basis is like playing with fire. Do we not teach our children not to play with fire? In this sense. we “talk the talk” but do not “walk the walk” when it comes to our children and their safety, regarding cell phones and exposure to WIFI and the infrastructure that carries the signals.



Coincidentally, at the end of National Brain Tumor Awareness Week, around May 7th, 2010 The President's Cancer Panel released it's report and low and behold, there is mention of the panels concern for cell phone induced brain tumors. They expressed extra concern in the area of children. Here is a statement from the report...

<http://newsletters.environmentalhealthnews.org/t/39854/3913/49120/0/>

President's Cancer Panel: Environmentally caused cancers are "grossly underestimated" and "needlessly devastate American lives."

"The true burden of environmentally induced cancers has been grossly underestimated" and strongly urged action to reduce people's widespread exposure to carcinogens." Another sensitive issue raised in the report was the risk of brain cancer from cell phones. Scientists are divided on whether there is a link. Until more research is conducted, the panel recommended that people reduce their usage by making fewer and shorter calls, using hands-free devices so that the phone is not against the head and refraining from keeping a phone on a belt or in a pocket. Even if cell phones raise the risk of cancer slightly, so many people are exposed that "it could be a large public health burden," Schettler said"

<http://newsletters.environmentalhealthnews.org/t/39854/3913/11372/0/>

<http://www.environmentalhealthnews.org/ehs/news/presidents-cancer-panel>

Link to the full report: http://deainfo.nci.nih.gov/advisory/pcp/pcp08-09rpt/PCP_Report_08-09_508.pdf

INTERPHONE...

In addition to the Presidential Cancer Panel advisory on cell phones and brain cancer, a major report was released last week. It is called Interphone and is a 13 country (the US did not participate), 10 year, \$25,000,000 study conducted specifically on cell phones and brain cancer. The study is largely regarded world wide as lacking credibility for many reasons including a 4 year delay in publication of results due to inner fighting over how to release the findings to the public. Now that the study has been officially published, we see clearly what some of the problems are...

- **selection bias**
- ***not publishing* results of studies of tumors of the inner ear (acoustic neuroma, also commonly referred to as a brain tumor) where studies showed a 290% increase and salivary gland cancer, 54% increase.**

- No one under the age of 30 was studied at all! (the population of most concern on this issue)
- The average caller in the study used the cell phone for approx. 2 hours a month or 1 call per week for half an hour. Not an accurate reflection of real world cell phone use.
- Counted cordless phone use as "unexposed". Cordless phones emit the same kind of radiation as cell phones,
- And insult to injury...many of those who died of a malignant brain tumor during the course of the study were eliminated from the study.

These are just some of the issues with the study which was **heavily** influenced by it's funding sources...telecom industry in addition to public funding from governments. None the less, despite all these issues of faulty study protocol set up, selection bias, etc., **the study STILL showed a 40% increase in malignant brain tumors with a 10 years of cell phone usage in adults.**

Here are a few links with articles for you to read on our website and some of the media reports on the study. You can also visit our website and watch an excellent video on Interphone at...

<http://www.AmericanAssociationforCellPhoneSafety.org>

<http://www.telegraph.co.uk/health/7751142/Mobile-phones-Is-there-an-epidemic-on-hold.html>

<http://www.buergerwelle.de:8080/helma/twoday/bwnews/stories/893/>

<http://www.heraldsun.com.au/news/national/brain-cancer-link-to-mobile-phones/story-e6frf7l6-1225867483184>

<http://beta.thehindu.com/health/medicine-and-research/article431966.ece?homepage=true>

Here are a few recent quotes from some of the experts...

Dr. Elizabeth Cardis, head of the INTERPHONE study, was quoted as stating: "Until stronger conclusions can be drawn one way or another it may be reasonable to reduce one's exposure."

Dr. Joel Moskowitz, Director for Family and Community Health Center for Health, School of Public Health, University of CA, Berkely "The Interphone Study is flawed in ways that biased results against finding harmful effects. The Interphone study

substantiates the need for mandating health warnings about cell phones. Although we need more research about the health risks of cell phone use, my colleagues and I believe that we have sufficient evidence to warn the public about the need to adopt simple methods to reduce the harms associated with cell phone use."

Dr. David Carpenter, director of the Institute for Health and Environment in Albany, NY, was even harsher in his criticism: "It's unprofessional to ignore some of the strongest evidence that shows a risk."

FINANCIAL BIAS IN INDUSTRY FUNDED STUDIES

Financial bias is prevalent in the studies of cell phone radiation. Industry funded studies find no problem, 70% of the time and don't talk about the studies where they do find a problem. Even with this bias, both industry and non-industry funded studies are showing significant brain tumor increase with greater than 10 years of cell phone use.

Many reputable and famous non profits, such as ACS claim there is not problem with cell phones. The cell phone industry has sponsored ACS golf tournaments. We feel the conflict of interest of ACS's part palpable. At a recent ACS event, a few other people seemed to feel the same way...



Our Position on SAR and why posting SAR on the cell phones without a health warning is potentially even more dangerous than having no SAR on the phone posting on the phone at all...

SAR, (specific absorption rate) is the amount of radiation your head (or tissue depending on where the phone is on the body) absorbs. The premise behind SAR in relation with cell phones, is that anything over the current safety standard of 1.6 W/kg, can heat tissue, thereby causing biological damage to cells. This completely FALSE premise that only heat causes damage to cells has been propagated by industry with government agency endorsement. The fact that nearly 2,000 peer reviewed, published studies exist today showing biological effects at thousands of levels lower than current SAR "safety" standards for cell phones, is totally ignored by both our government agencies with jurisdiction over cell phone safety as well as of course the industry.

A SAR posting on a cell phone without a health warning is counter intuitive. For example, a mother might walk into a store and say to her child "look honey, this phone has 1.2 SAR and this one has 1.6 SAR. Let's get the 1.2 SAR phone and you can stay on an extra hour a day since it has less SAR!" It is entirely possible to contract a brain tumor from holding a lower SAR emission phone to the head! We liken it to smoking light cigarettes. You can still get lung cancer from smoking light cigarettes, which is why there is a health warning on all cigarette packages, IN ADDITION to how much tar or nicotine they have.

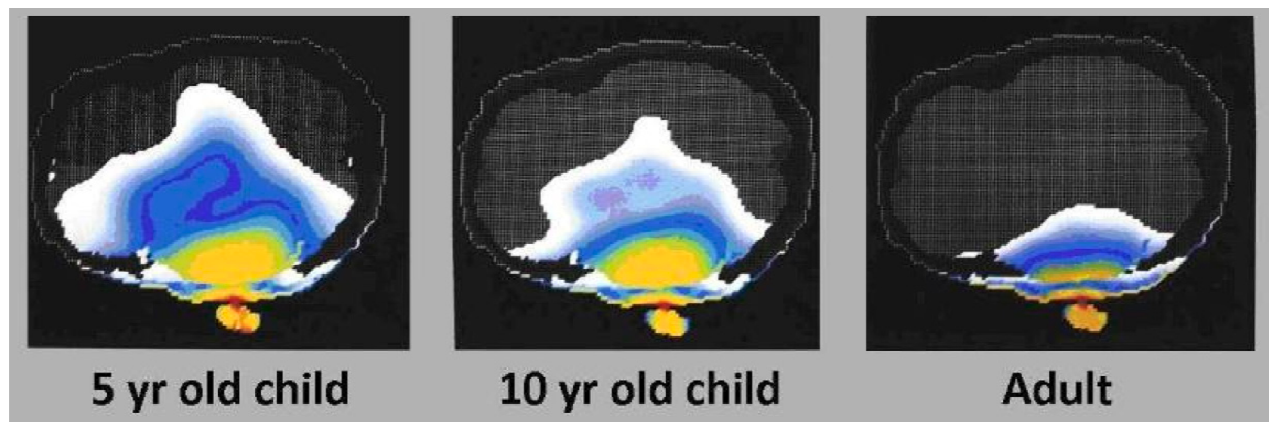
The posting of SAR without a health warning does nothing to stop people from holding their cell phones against their heads, the only real way to prevent cell phone induced brain tumors.

SAR CONTINUED, INSULT TO INJURY

Not only do current SAR levels NOT protect against biological effects from this radiation with no heat involved whatsoever, but additionally, current SAR "safety" standards for cell phones have been based on measurements using a 220 lb adult male, who's skull is much thicker than a child's or a woman's. If absorption into brain tissue is the primary reasoning behind current SAR measurements for cell phones, why aren't women's and children's heads with thinner skulls used for this measurement? Although the entire premise of "heat" based safety standards through SAR is on it's face, a false premise, the double slap is that we are using these absorption "safety" standards for children's and women's brains when measured on an adult male.

And finally, pulse modulation, frequency and power density all play enormous roles in biological effects from non-ionizing cell phone radiation, in ADDITION to heat. None of this was ever considered when coming up with our current "safety SAR standards."

The SAR "safety" standards based fail to protect human health no matter how you look at it.



Om Gandhi study on children's brain's absorption compared with adult's brains. Children's brains absorb more radiation than those of adults, due to their thinner skulls. Fetuses are even more vulnerable.

JUST SOME OF THE SCIENCE...

420% increase risk of brain tumors in children who begin usage before the age of 20 and with greater than one year of usage...

(Hardell & Carlberg)
Int. J. Onc. 35: 5-17, 2009

280% increase in risk of brain cancer in adults with greater than 10 years usage

(Hardell, et al) Int. Arch. Occup. Environ.
Health 79 (September (8)) (2006) 630–639.

Hardell, Khurana, et al September 2009: Review indicates using a cell phone for greater than 10 years approximately doubles the risk of being diagnosed with a glioma or acoustic neuroma brain tumor on the same side of the head as that preferred for cell phone use. There is adequate epidemiologic evidence to suggest a link between prolonged cell phone usage and the development of an ipsilateral brain tumor. Dr. Khurana says that because of their much broader use today cell phone use “has far broader public health ramifications than asbestos and smoking, and directly concerns all of us, particularly the younger generation, including very young children.” Khurana V. G., Teo C. Kundi M, Hardell L., Carlberg M. Cell phones and Brain tumors A review including the long term epidemiologic data Surgical Neurology 72 (3) 205-214

Myung et al 2009: Mobile Phone Use and Risk of Tumors: A meta-Analysis, investigated the qualities of individual studies. Combined results of the poor quality studies (mostly Telecom funded studies) found cell phone use provided statistically significant protection from tumors, while independently funded high quality studies found a statistically significant risk of tumors. Journal of Clinical Oncology

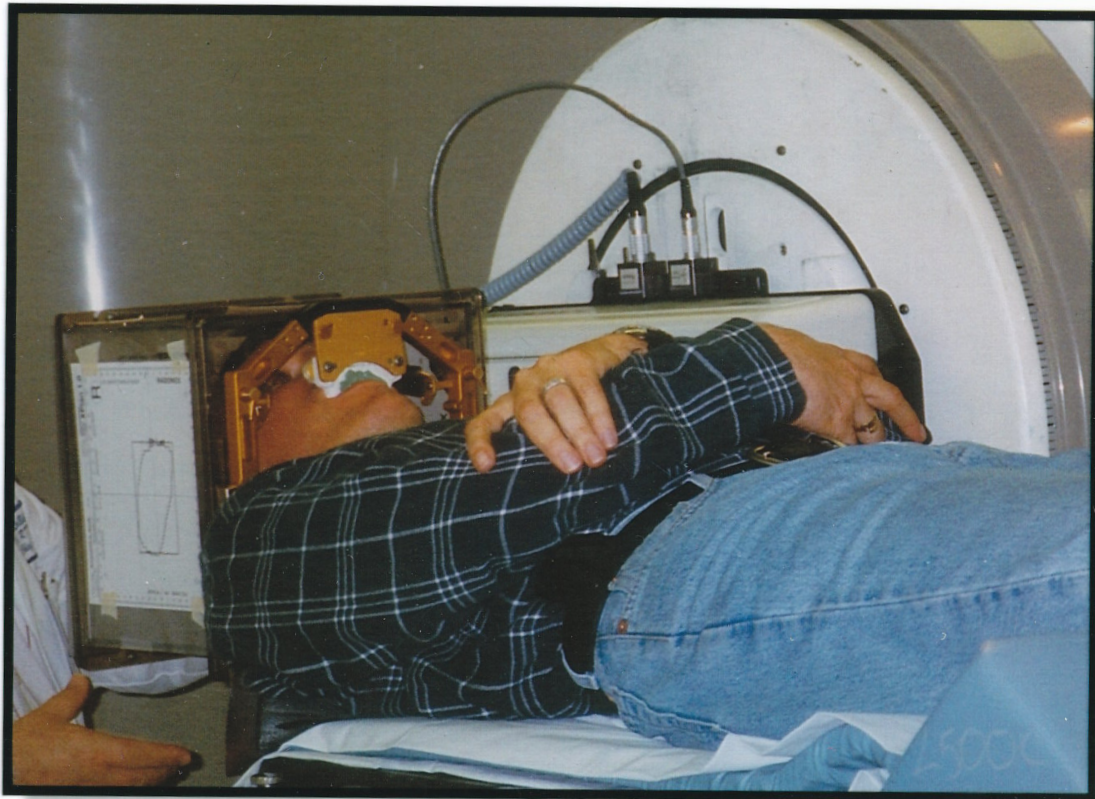
Hardell et al 2007 concluded that studies of those using a cell phone for greater than 10 years give a consistent pattern of an increased risk for acoustic neuroma and glioma with the risk being highest for a tumor being ipsilateral (on the same side of the head that the phone is used).

Han et al 2009 found that use of cell phone for a decade or more doubled the risk of acoustic neuroma in all studies ever conducted.

Science News, February 22, 2003 reported the results of a study conducted on rats by Dr. Leif Salford of Lund University Hospital in Sweden as follows: Adolescent rats were exposed for 2 hours to GSM phones at one of three Specific Absorption Rates (SAR): 0.01, 0.1, or 1 watt per kilogram (W/kg) well below the current United States exposure limit of 1.6 W/kg. Rats in a control group were not exposed. The blood-brain barrier (BBB) in rats brain leaked as a result of this exposure. Examination of the animals' brain tissue 50 days later

revealed that up to 2 percent of the brain cells of rats that had received cell phone radiation exposures of 0.1 watt per kilogram or greater were dead or dying, as a result of the leakage of the BBB!

The European Parliament on April 2, 2009 passed by a 559-22 vote a resolution titled "Health Concerns Associated with Electromagnetic Fields" which calls among other things for governmental action to address its concern over the, "link between use of mobile phones and certain types of cancer, including brain, auditory nerve, and parotid gland tumors", as well as the, "harmful effects of multiple exposure to different sources of EMFs, particularly where children are concerned!"



Dino undergoes more radiation therapy.

The following are some typical industry sound bites on cell phones...

Sound-Bite: The weight of the evidence shows there is no problem.

Response: Remove the industry funded studies and the overwhelming weight of the evidence shows there is a very BIG problem.

Sound-bite: There is no known mechanism (for cancer related tumors from radiation emitted from cell phones).

Response: This is an anti-scientific statement. It implies that science already knows every mechanism. In the history of science it sometimes takes decades to centuries before a mechanism is understood. In science data is gospel, not "known mechanisms."

Sound-Bite: Groups like the American Cancer Society (then they will continue naming more) all say there is no problem.

Response: The American Cancer Society and the others they mention, all accept huge donations from the cell phone industry including the sponsorship of their golf tournaments. Additionally, ACS spends approx. only 10% of their funding on research. ACS and other non profits who accept large industry donations simply can't be trusted to have an unbiased opinion on this issue.

Sound Bite: Look at the brain tumor registries. They don't show any problem.

Response: Cancer has a latency period of approximately 30 years. We do not know very many people who owned a cell phone 30 years ago. The cell phone explosion arrived approximately 10 years ago. Also, many cancer registries, including The US Central Brain Tumor Registry are years behind on reporting brain cancer. Even though legislation was passed to insure brain tumor reporting, the legislation is not enforced and many states still do not report their brain tumors at all. Also, approximately 50% of brain tumors are benign (which can also be deadly) and they go unreported in some states as well

SPPI

The Science and Public Policy Institute

24 March 2010

To Members of the Legislature:

My name is Dr. George L. Carlo, and I am Chairman of the non-profit Science and Public Policy Institute based in Washington, D.C. Since 1993, I have overseen the world's largest research effort regarding the safety of cell phones. Support for this work has included \$28.5 million from the mobile phone industry itself, with oversight by a specifically impaneled U.S. Government Interagency Working Group, and independent peer review coordinated through the Harvard University School of Public Health. My training in epidemiology, medical science, pathology and law, as well as seventeen years of experience as an independent leader in the cell phone regulatory, scientific and public policy world, give me a uniquely informed perspective on cell phone safety and cell phone dangers.

I believe that an informational warning label is necessary for consumers to make informed choices about their use of cell phones and other wireless communication devices.

Misleading and factually inaccurate industry driven information is being carried on the website of the CTIA, the primary industry trade group as well as other individual company websites. This information is misleading consumers and as such is a threat to public health. This misinformation is prompting citizens to believe that government entities are protecting them – an expectation that is both reasonable and responsibly mandated by the oaths attendant to elective public office and government service.

The relevant facts are these:

Cell phones were first introduced into U.S. commerce in 1984. However, unlike all other radiation emitting devices, cell phones were exempted from pre-market safety testing, the regulatory and legal requirement that ensures only safe products make it into the U.S. marketplace. At that time, the Food and Drug Administration (FDA), which is the safety authority mandated by the Executive Branch of the federal government with jurisdiction over cell phones, accepted that the evidence proffered by the industry derived from microwave oven studies, would suffice as definitive proof of consumer safety. Thus, the affirmative duty of the cell phone industry to directly prove safety prior to marketing was sidestepped. That error in judgment by the FDA in 1984 set in place a cacophony of misguided regulatory, legal and political moves that have had deleterious impact on millions of U.S. consumers – if only because they erroneously believe they are being protected when in fact they are not. And, if the dire predictions from emerging science regarding brain cancer and other cell phone related health effects prove true, it is an error that has already cost hundreds of thousands of American lives.

While the collusion of the mobile phone industry and partnered government authorities including the Federal Communications Commission (FCC) has created what amounts to an immensely confusing scenario for you to sort through, you can be sure that the profit

motives of the industry propagate misinformation that is prevalent in cell phone advertising, company websites, package inserts, owners manuals, trade association propaganda and government agency assertions. Thus, an accurate informational label that conveys the uncertainties about health risks is necessary for practical reasons and is a source of truth that our citizens deserve.

In addition, the facts suggest that an informational warning label is a legal imperative. In our federal legal system, it is not the responsibility of consumers to prove that cell phones are dangerous in order to elicit protective measures from government and industry. The product liability litigation and the regulatory systems underscore that the legal, moral and ethical burden of proof has been and continues to be on the cell phone industry to guarantee that their products that have been introduced into commerce are safe. To this point in time, the cell phone industry has failed to meet their burden of safety proof on any count. In fact, existing data show danger, not safety.

During the 1990's, the program I headed which was funded by the mobile phone industry was intended to fill the safety study data gaps caused by the FDA's error of omission in 1984. Our work was specifically designed to meet all FDA standards for safety studies, including Good Laboratory Practices and other assurances of scientific rigor because the White House itself defined to us that the FDA was the agency of responsibility for cell phone safety. As such, our work remains the only legitimate safety data on cell phones upon which a direct safety assessment can be made. Among the more than fifty studies completed in our program, were results indicating: genetic damage in human blood exposed to cell phone radiation; more than a doubling in the risk of rare neuro-epithelial brain tumors among cell phone users compared to non-users; and a statistically significant correlation between the side of the head where cell phones are used and the location of tumors among cell phone users. Any one of these findings, had they been completed in the context of mandated pre-market testing prior to 1984, would have prevented cell phones from making it into the market place. At the conclusion of the program in 1999, we recommended to both the cell phone industry and the FDA that a safety warning be issued to cell phone users. No government or industry protective steps were taken.

The FDA has continued to fail in its duty to protect consumers from cell phone dangers. Historically and presently, the FDA refuses to demand both that cell phones undergo safety testing prior to marketing and that the industry look for health problems post-market among cell phone users and present those data to the FDA for proper review. Post-market health data collection is standard practice for manufacturers of all businesses that fall under FDA jurisdiction. It appears that the FDA is not seeking these data because it lacks the political will to recall or ban cell phones that pose dangers. At any point, the FDA can exert its authority and require that protective steps be taken. However, if the FDA's history on cigarette regulation is any gauge – the time lag between the Surgeon General's warning on cigarette packs in the 1960s and the FDA's first real regulatory action taken in 2009 was more than fifty years – consumers will be left unprotected and on their own for many years to come. An informational label gives consumers a necessary interim remedy.

The FDA has *de facto* abdicated its consumer safety responsibility regarding cell phones to the FCC, an agency with no statutory safety authority. While the FCC has the duty to

ensure fair and balanced use of the airwaves, the Congress has never seen fit to empower the FCC with safety duties. Even under its far-reaching 1996 revisions to the Telecommunications Act, the Congress limited the FCC authority to publishing emission guidelines that companies must meet in order to obtain a license to sell specific phones. That testing for Specific Absorption Rate (SAR) is done by the industry itself, with results submitted to the FCC on a voluntary and selective basis. The FCC does no post-market field-testing to ensure that those emission guidelines are met after phones are put into commerce. The 'honor system' is in place with the 'fox guarding the henhouse' for all practical purposes. Most importantly, however, is that the FCC's emission guidelines are not predictive of consumer safety. Promulgated in 1996 for digital phones and in 1997 for all other wireless devices, the emission guidelines are based on thermal data (harkening back to the microwave oven studies of the 1980s) and have been widely dismissed by the public health community as having no relevance to the pathological mechanisms through which cell phones do their damage.

The cell phone industry has failed to do its legal duty in proving safety and the federal regulatory system has failed and continues to fail consumers by succumbing to constant industry political pressure.

An informational warning label is necessary for consumers to make informed choices about their use of cell phones and other wireless communication devices.

I would be happy to discuss and provide support for any items raised in this letter.

Sincerely yours,

G. L. Carlo

Chairman



Dino undergoes more radiation therapy.

I was a healthy active mother of three children who spent much of the time driving my children to and from school, soccer and other activities. For every hour of the waking day for five years I kept my cell phone in my bra and used a Bluetooth device which only worked if the phone was close to the device. At age 39, I was diagnosed with an unusual breast tumor that appeared precisely under the area where the phone radiation was transmitted. My physicians believe that this tumor arose because of the unusual direct exposure to the breast tissue from the phone.



For legal reasons we must use the word believe. Member, Karen Symogyi undergoes radiation therapy for what she believes to be her cell phone induced brain cancer. Karen used her cell phone occupationally for 15 years and is the single mother of two young girls.

I am currently a patient at UCSF and have been since November 2007 when I was diagnosed with stage IV glioblastoma multiforme at age 37. I am now 40. I have had two craniotomies thus far and continue treatment every two weeks. Over the past 26 months I have been on several different treatments, some standard treatment and some clinical trials. The drugs I have been on post radiation include Temodar, Enzastaurin and XL-184. After my second recurrence in March 2009, my neuro-oncologist at UCSF put me on Avastin. The tumor has been stable through 2009. It is my strong opinion that cellular phone usage was the cause of my disease. I have used a cell phone for the past 18 years with extremely high usage due to my work in commercial real estate. I have used approximately 8 different phones over the years: some even looked like military radios. My tumor was located in my left occipital lobe and was approximately 8 cm x 6 cm in size. In the past I only talked on my cell phone held to my left ear—my tumor is there, also at my left ear area. I have met several patients and friends afflicted with the same disease and the common denominator we all have is that each of our tumors is located at the area where we hold our cell phones whether it be left or right. Seems like a stretch to call our commonality a coincidence.

Here is a list of just a few websites on this issue. There are MANY more...

American Association For Cell Phone Safety

<http://www.AmericanAssociationforCellPhoneSafety.org>

Peoples Initiative Foundation

<http://www.ThePeoplesInitiative.org>

Moms For Safe Wireless

<http://www.momsforsafewireless.org>

Radiation Research Trust

<http://www.radiationresearch.org/>

Dr. Magda Havas

<http://www.magdahavas.com/>

Microwave News

<http://www.microwavenews.com/>

Bioinitiative Report

<http://www.bioinitiative.org/>

WirelessWatchBlog

<http://www.WirelessWatchBlog.com>

EMR Policy Institute

<http://www.emrpolicy.org/>

Powerwatch

<http://powerwatch.org.uk/>

EMF Safety Network

<http://emfsafetynetwork.org/>

Wired Child

<http://wiredchild.org/>

Global list of EMR websites

<http://emfsafetynetwork.org/>

Don't let them get away with nasty little cartoons like this...



Please don't succumb to industry junk science, industry threats of lawsuits or industry donations. Please do the right thing, for the sake of your constituents, our children and the health and safety of the US. Please enact The Children's Wireless protection Act and help us get a warning label on cell phones. People have the right to know. Our children deserve better.

Thank you for your responsible leadership.