

Contact: Elizabeth Barris (601) 969-5006 room #203 on 3/28 or (310) 828-6808 from 3/29 on.

[contact@AmericanAssociationForCellPhoneSafety.org](mailto:contact@AmericanAssociationForCellPhoneSafety.org)

**Maine State Representative Andrea Boland re-introduces bill requiring warning labels on cell phones with focus on non-thermal effects.**

LD 1014, The Children's Wireless Protection Act calling for warning labels on cell phones and an advisory notice to be posted in all cell phone retailers warning users of the potential health hazards associated with cells phones and how to use them more safely.

Text of the warning label is as follows...

"WARNING: Federal health safety standards have yet to be established for nonthermal effects of cellular telephone radiation, which have been identified as reasons for health safety concerns, such as brain tumors."

SIGNAGE

A retailer of cellular telephones must post a sign that is at least 8 1/2 inches by 11 3/4 inches in size where cellular telephones are displayed that reads:

"ADVISORY: Cellular telephones should be used with care.

1. Federal health safety standards have yet to be established for nonthermal effects of cellular telephone radiation.
2. Nonthermal effects of cellular telephone radiation have been identified as reasons for health safety concerns, such as brain tumors, fertility issues and other consequences of genetic damage.
3. Avoid contact with head and body.
4. Avoid proximity to reproductive organs.
5. Limit use by children.
6. Pregnant women should avoid use."

The addition of non-thermal language was inspired by a similar bill brought in the state of Oregon also stressing non thermal (non heat related aspects of cell phone radiation) safety concerns regarding cell phone radiation and lack of any federal safety standards for non thermal effects.

The below language has been implemented in Motorola cell phone manuals in Oct., 2010 and is derived directly from the manuals...

### **Motorola Cell Phone Manuals...**

<http://www.motorola.com/mdirect/manuals/120e.pdf>

[http://docs.blackberry.com/en/smartphone\\_users/categories/?userType=1&category=BlackBerry+Smartphones](http://docs.blackberry.com/en/smartphone_users/categories/?userType=1&category=BlackBerry+Smartphones)

A) "Use hands-free if available and **keep the Blackberry at least .98 in. from your body, including the abdomen of pregnant women and the lower abdomen of teenagers.** "

**B) "A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. In one study, mice genetically altered to be predisposed to developing one type of cancer developed more than twice as many such cancers when they were exposed to RF energy compared to controls."**

C) "When 20 types of tumors were considered separately however, **an association was found between mobile phone use and one rare type of glioma, neuroepitheliomatous tumors**"

D) "None of these tests showed any effect of the RF except for the micronucleus assay, which detects **structural effects on the genetic material. The cells in this assay showed changes after exposure to simulated cell phone radiation**"

E) "**Some people who have used mobile phones have been diagnosed with brain cancer.**"

F) "**When tumors did exist in certain locations, however, they were more likely to be on the side of the head where the mobile phone was used.**

Additional information in the Motorola manuals on how consumers

should protect themselves from harmful cell phone radiation...

"Those persons who spend long periods of time on their hand-held mobile phones could **consider holding lengthy conversations on conventional phones** and reserving the hand-held models for shorter conversations or for situations when other types of phones are not available. **People who must conduct extended conversations in their cars every day could switch to:** "

- a mobile phone in which the antenna is located outside the vehicle
- a hand-held phone with a built-in antenna connected to a different antenna mounted on the outside of the car or built into a separate package
- a headset with a remote antenna to a mobile phone carried at the waist

### **Additional information from federal regulatory websites...**

The following conflicting information regarding consumer health and safety and cell phones can be found on the federal regulatory agencies websites...

"The FCC was established by the Communications Act of 1934 and is charged with regulating interstate and international communications by radio, television, wire, satellite and cable."

<http://www.fcc.gov/aboutus.html>

"...the Commission has stressed repeatedly that it is not a health and safety agency and would defer to the judgment of these expert agencies with respect to determining appropriate levels of safe exposure to RF energy..."

[http://www.fcc.gov/Bureaus/Engineering\\_Technology/Orders/1996/fcc96326.pdf](http://www.fcc.gov/Bureaus/Engineering_Technology/Orders/1996/fcc96326.pdf)

"Under the law, FDA does not review the safety of radiation emitting consumer products such as mobile phones before marketing..."

<http://www.fda.gov/radiation-emittingproducts/radiationemittingproductsandprocedures/homebusinessandentertainment/cellphones/default.htm>

"...no federally developed national standard for safe levels of exposure to radiofrequency (RF) energy..."

<http://www.fcc.gov/cgb/consumerfacts/mobilephone.html>