

RESEARCH REVIEW

Hold the Phone!

by Dan Murphy, D.C.



Reference:

Case-control study of the association between the use of cellular and cordless telephones and malignant brain tumors diagnosed during 2000–2003

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by Lennart Hardell, Michael Carlberg and Kjell Hansson Mild

Increased Risk of Malignant Brain Tumors from Using Wireless Phones				
Type Of Phone	Overall Increased Risk	Overall Increased Risk Range	Increased Risk with 10 Years' Use	Increased Risk with 10 Years' Use Range
Current Digital Cell Phone 1991-Present	90%	30% - 170%	260%	70% - 650%
Older Analog Cell Phone 1984-2000	160%	50% - 330%	250%	100% - 540%
Household Cordless Phone	110%	40% - 200%	190%	60% - 420%

KEY POINTS FROM DAN MURPHY, D.C.

- 1) This is the longest study to date on the malignant brain tumor risk from using wireless phones, both cell phones and cordless home phones.
- 2) This is not the first epidemiological study to find a significant association between the use of cellular telephones and brain tumors.
- 3) The risk of malignant brain tumors (primarily high-grade astrocytomas) increases with the longer the use of wireless phones.
- 4) The risk for all malignant brain tumors increased rather dramatically for those who used combinations of a cell phone and a walk-around cordless phone.
- 5) Analog cell phone use for more than **15 years** increased the risk of malignant brain tumor to **510%** with a range between **150%** to **1,400%**.
- 6) The incidence of malignant brain tumors found in this study is low because those that died of malignant brain tumors were not counted. They were only counted if they were still living.
- 7) For a variety of reasons, the microwave radiation dose was higher for cordless home phone users than for digital cellular phone users, making these devices even more dangerous.

IMPORTANT QUESTIONS:

- Do you use a cell phone?
- For how many years have you been using a cell phone?
- Do you use a headset (or other attenuating device) with your cell phone?
- Do you use a walk-around-the-house cordless phone?
- For how many years have you been using a walk-around-the-house cordless phone?
- Are you currently using both a cell phone and a walk-around-the-house cordless phone?

A 1978 graduate of Western States Chiropractic College, Dr. Dan Murphy is on the faculty of Life Chiropractic College West, and is the Vice President of the International Chiropractic Association. For more information, visit www.danmurphydc.com. **IXC**

