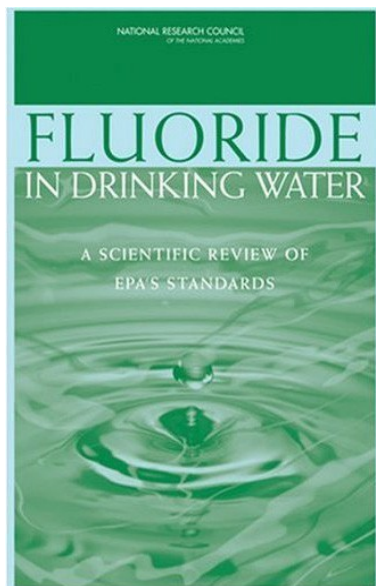


Fluoride and Cancer

“Fluoride appears to have the potential to initiate or promote cancers, particularly of the bone...” *NRC 2006 p336*



You cannot control the dose

A recent paper in the **Journal of Public Health Dentistry** & the **National Research Council 2006 Review** describe the sizeable groups of the population with

- above-average fluoride exposures,
- increased fluoride retention,
- greater susceptibility to effects from fluoride exposures.

Fluoride consumption varies by more than a factor of 10, from drinking water alone. *Table 2-4*

http://books.nap.edu/openbook.php?record_id=11571&page=35#p200111b79960035001

DNA Damage

“DNA damage of brain and thyroid gland cells exposed to high fluoride, low iodine and their combined interaction increased markedly” *Wang J, Ge Y, Ning H, Niu R. DNA Damage in Brain and Thyroid Gland Cells due to High Fluoride and Low Iodine. In: Preedy V, Burrow G, Watson R, editors. Comprehensive Handbook of Iodine. Elsevier; 2009. p. 643-9.*

Osteosarcoma (Bone Cancer)

“The biggest current debate is over osteosarcoma—the most common form of bone cancer and the sixth most prevalent cancer in children.” *Scientific American Jan 2008, p 79, Second Thoughts About Fluorides*

2006 Harvard Bone Study: Differential susceptibility of males that is “remarkably robust” during their “mid-childhood growth spurt”. *Bassin EB, Wypij D, Davis RB, Mittleman MA 2006 Age-specific fluoride exposure in drinking water and osteosarcoma. Cancer Causes Control. 17:421–428.*

You Cannot Control the Dose