## Why are young children more susceptible to fluoride poisoning?

- **1.**Young children ingest more fluoride by body weight.
- 2. Young children's kidneys are not fully developed. (Whitford 1994)
- **3.**Children have prolonged, low-level exposure for their entire lives to cumulative toxins such as F.
- **4.** Children grow faster, therefore fluoride accumulation in body tissues (e.g. bone) is relatively high (Bassin 2006).



## Case Study: 3 kg Baby

5 kg is known toxic dose for Fluoride

15 kg is known toxic dose for 3 kg Baby

3 kg Baby will ingest Acute Dose of Fluoride in 15 Days

Isn't that Risky?