

# Fluoride Bombs

Evidence also suggests that fluoride temporarily hides cavities by causing only surface remineralization which "covers up" underlying cavities. This may cause a delay in the diagnosis of cavities, leading to larger fillings, hence higher financial costs to the patient and increased fragility of the tooth. Increased fragility of the tooth generally leads to a shortened life span for a tooth.

FAQ page of the Dental Sense (Perth, Australia) website the question 'What are fluoride bombs? <http://www.dentistmidland.com.au/faqs-cosmetic-dentist-in-midland-wa.php#19>)

**"Fluoride bombs" refer to large areas of tooth decay in the absence of cavities...Conceivably, therefore, fluoridation may ... now mask breakdown associated with "crack attack"!**

Osmunson B. Editorial Water fluoridation intervention: dentistry's crown jewel or dark hour? *Fluoride* 2007;40(4):214-221.

[http://www.fluorideresearch.org/404/files/FJ2007\\_v40\\_n4\\_p214-221.pdf](http://www.fluorideresearch.org/404/files/FJ2007_v40_n4_p214-221.pdf)



**"A fluoridated "bombed out" tooth clinically can have unique characteristics of good smooth surface enamel yet have extensive dentin decay in the pits and fissures. In contrast, the non-fluoridated bombed out tooth may chip next to the pits and fissures before as much dentin damage occurs and provide earlier detection of the decay by patient or clinician, explaining in part the lack of effectiveness with fluoridation. Cautious removal of the dark groove reveals a deep "bomb" of decay." Osmunson DDS, MPH**

**Delaying the diagnosis of cavities is not the goal.**

**Preventing cavities should be the goal.**

**Preventing fluorosis diseases should be the goal.**