

## Fluoride leads to increased gum disease

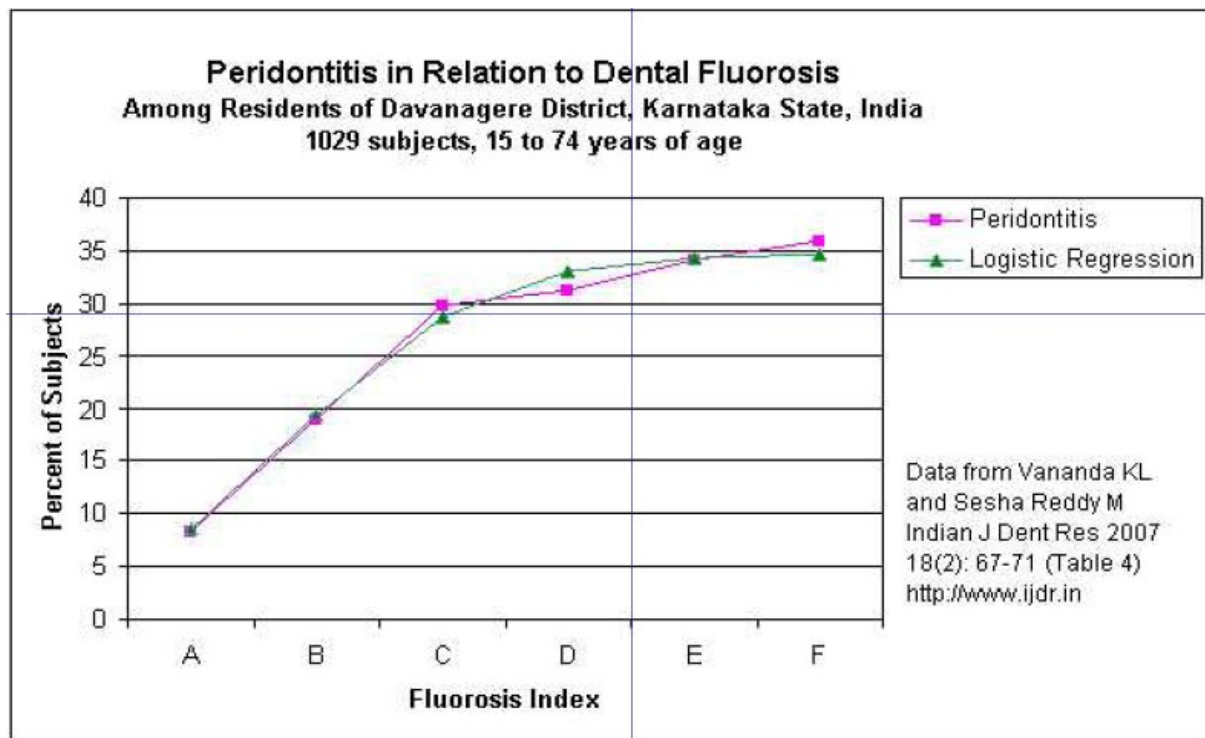
Aberg G, Jerussi TP, McCullough JR. NSAID/fluoride periodontal compositions and method. US Patent: 5,807,541, granted September 15, 1998.

<http://www.wipo.int/pctdb/en/wo.jsp?wo=1997039729>

“We have found that fluoride, in the concentration range in which it is employed for the prevention of dental caries, stimulates the production of prostaglandins and thereby exacerbates the inflammatory response in gingivitis and periodontitis.”

“The present invention is a method for preventing dental caries by administering a fluoride salt into the oral cavity while at the same time controlling periodontal bone loss by administering, in addition to the fluoride salt, an amount of an NSAID sufficient to inhibit the production of prostaglandins induced by the fluoride.”

## Periodontitis Associated with Dental Fluorosis



Vanada KL, Sessa Reddy M. Assessment of periodontal status in dental fluorosis subjects using community periodontal index of treatment needs. Ind J Dent Res 2007;18(2):67-71. <http://www.ijdr.in/article.asp?issn=0970-9290;year=2007;volume=18;issue=2;spage=67;epage=71;aualast=Vandana>

“The results suggest that there is a strong association of occurrence of periodontal disease in high-fluoride areas.”