

## Fluoride uptake and retention by sound enamel after in vivo Duraphat application

This investigation has shown an increase in fluoride on the outer region of sound enamel after a single in vivo application of a fluoride varnish Duraphat (2.26 per cent fluoride). The total fluoride increase of enamel in the teeth of 10-12 year olds amounted to 77 per cent, of this an amount of 59 per cent was present mainly as calcium fluoride and 18 per cent as fluorapatite.

S.R. Grobler et. al. 1983 J.Dent. Asso. S. Africa. 38:55-58