

CLINICAL STUDY

Rotadent[®] removes 92% of plaque in one minute

Author: Preber H, Ylipää V, Bergström J, Rydén H

Publication: Swedish Dental Journal

Date: 1991

Reference: Preber H, Ylipää V, Bergström J, Rydén H. A comparative study of plaque removing efficiency using rotary electric and manual toothbrushes. Swed Dent J. 1991; 15(5): 229 – 234

Abstract:

Plaque removing efficiency was compared between rotary electric and manual toothbrushes.

Methodology:

- 19 female dental hygiene students in good general and periodontal health
- 10 individuals were randomly selected to brush their teeth with Rotadent[®]
- 9 individuals brushed with an ordinary toothbrush
- Groups switched toothbrushes at 3 weeks

Results:

- Mean reductions in plaque after 15, 30 and 60 seconds of brushing were 75%, 86% and 92% for the Rotadent group and 64%, 75% and 83% for the manual group

Conclusion:

Rotadent removes plaque more efficiently than the conventional manual toothbrush.

