PHILIPS

sonicare

FlexCare/
FlexCare+

Plaque Removal

in vivo study

Plaque removal efficacy of “new” vs. “old” Philips Sonicare ProResults brush heads

Jenkins W, Schmitt P, Milleman J, Putt M and Strate J. Data on file, 2010

Objective

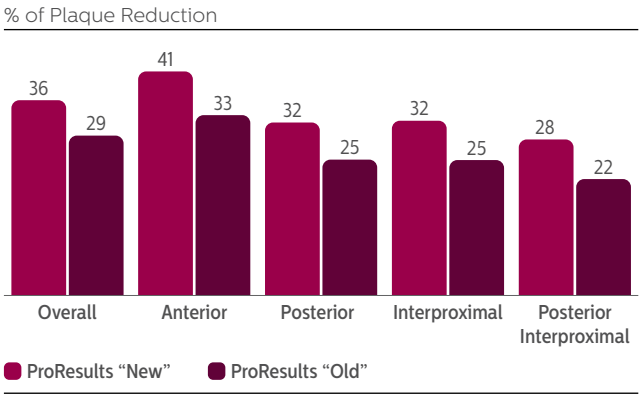
To compare the plaque removal efficacy and safety of an “old” (used for three months) Philips Sonicare ProResults brush head to a “new” ProResults brush head.

Methodology

A randomized, examiner-blinded, parallel-design study was conducted in a population of 72 healthy adults (56 females, 16 males) aged 18-60 years (mean age: 35) who were using Philips Sonicare FlexCare with ProResults brush head at home for three months, +/- 10 days. Following the three-month home-use period, subjects presented to the clinic with 24 hours of plaque growth and were randomized to utilize either a newly dispensed ProResults brush head or their home-use ProResults brush head from the preceding three-month period. Randomization was stratified by the pre-brushing plaque score (< 2.7 or ≥ 2.7) in an effort to mitigate treatment effect bias. A single-use pre and post-use plaque score was evaluated for each subject utilizing the Turesky-Modified Quigley-Hein Plaque Index. Safety was assessed in an oral soft tissue examination.

Results

A newly dispensed Philips Sonicare ProResults brush head removed more plaque than the brush head used at home for a three-month period for overall dentition and specifically in hard-to-reach areas. Both products were safe to use.



Conclusion

A new Philips Sonicare ProResults brush head is clinically proven to remove up to 28% more plaque as compared to a brush head that has been used for three months.

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** Results will vary with actual use.*