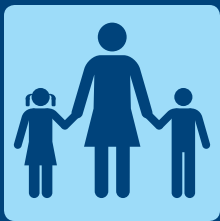


PLAQUE REMOVAL EFFICACY OF AN ELECTRIC TOOTHBRUSH IN CHILDREN

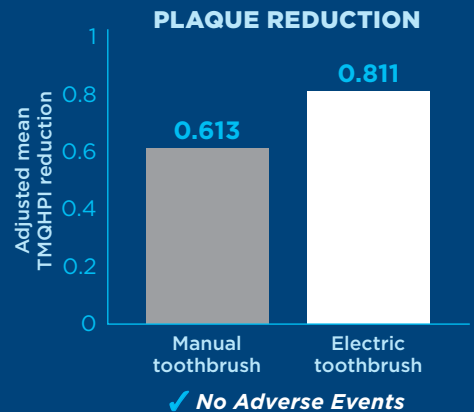
KEY CLINICAL TAKEAWAY: Oral-B® Kids oscillating-rotating electric toothbrush provides superior plaque reduction to a manual toothbrush in a pediatric population.

3-6 YEAR OLD CHILDREN PLAQUE RESULTS:

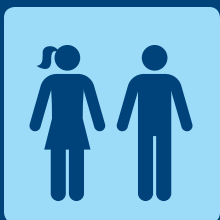


PRIMARY DENTITION

32.3%
greater plaque reduction for electric brush vs. manual brush
($P=0.005$)

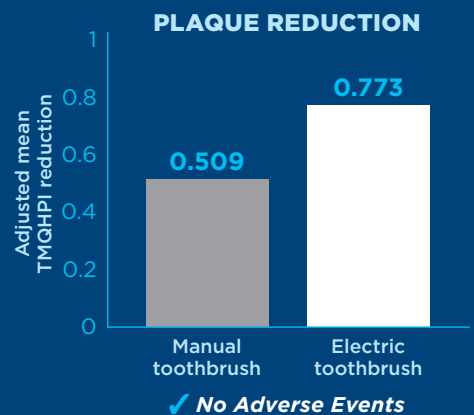


7-9 YEAR OLD CHILDREN PLAQUE RESULTS:



MIXED DENTITION

51.9%
greater plaque reduction for electric brush vs. manual brush
($P<0.001$)



METHODS

- Single-brushing, replicate-use, randomized crossover design
- 41 children divided into 2 groups:
 - 3-6 years (n=20, parents brushed children's teeth)
 - 7-9 years (n=21, children brushed own teeth)
- Outcomes assessed:
 - Pre- and post-brushing plaque using Turesky Modified Quigley-Hein Plaque Index (TMQHPI)
 - Safety



- Toothbrushes evaluated:
 - Oral-B® Kids oscillating-rotating electric toothbrush
 - Soft regular manual toothbrush

