



SmartMouth Clinical DDS Activated Oral Rinse

Clinical Research Shows Why SmartMouth Clinical DDS Activated Oral Rinse Is An Effective OTC Alternative to Prescription Chlorhexidine.

A six-week study comparing SmartMouth Clinical DDS oral rinse to 0.12% chlorhexidine rinse was conducted at Saint Louis University Center for Advanced Dental Education and Southern Illinois University School of Dental Medicine.

The results of this study suggest that SmartMouth Clinical DDS Activated Oral Rinse is an effective alternative to 0.12% chlorhexidine mouth rinse in reducing gingival inflammation, bleeding, and plaque—with less taste alteration, less tooth stain, better compliance than chlorhexidine mouthrinse.

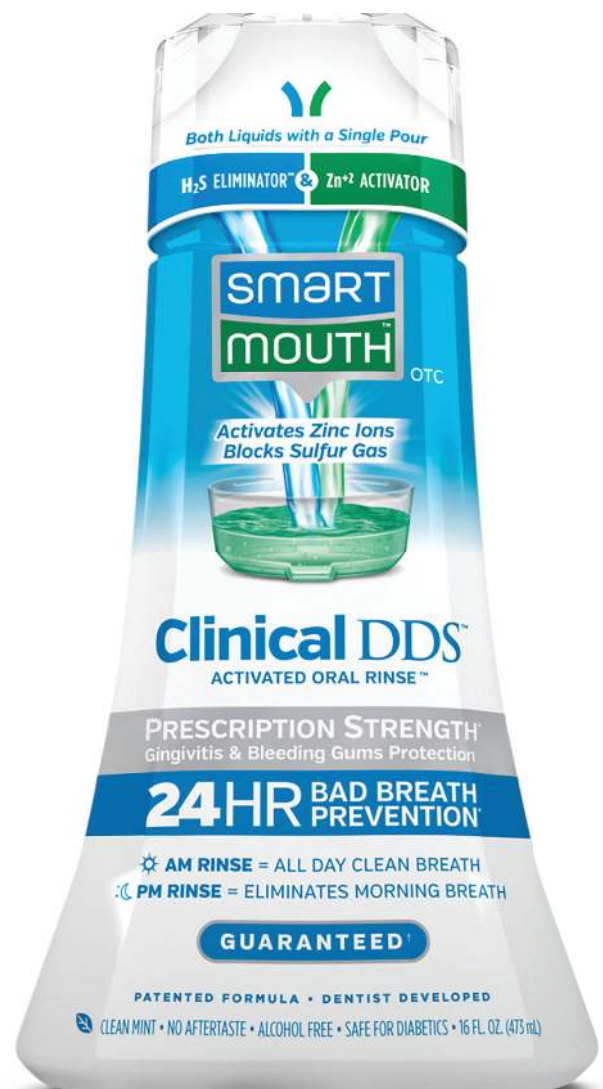
It is of note that SmartMouth was the only mouthrinse that exhibited increasing plaque reduction throughout the entire study period.

The full, peer-reviewed article about the study will be published in *Oral Health and Preventive Dentistry* and can be accessed by subscribers to the journal.

SmartMouth Clinical DDS Activated Oral Rinse delivered these key benefits:



Learn more about SmartMouth Clinical DDS Activated Oral Rinse and the entire SmartMouth line of oral care products at smartmouth.com/for-professionals.





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Methodology & Results

Seventy-six subjects were divided into three groups and given one of the three mouth rinses with usage instructions and directions to add this to their daily brushing and flossing oral care. At the end of the Week 3 and Week 6, results were compared and analyzed for clinical parameters including:

- **Gingival Index:** scores gingival inflammation from 0 (healthy) to 3 (severe inflammation).
- **Bleeding Score:** score is determined by adding the number of bleeding sites and dividing by the number of teeth to assess gingival inflammation. The higher the score, the worse the inflammation.
- **Plaque Index:** scores plaque accumulation from 0 (no plaque) to 5 (plaque covering 2/3 of surface or more).
- **Calculus Index:** scores the amount of calculus accumulation by adding surfaces from the lingual of the mandibular anterior teeth. The higher the score, the worse the calculus accumulation.
- **Tooth Stain Index Change:** scores the amount of tooth stain from 0 (no stain) to 3 (greater than 2/3 of surface). The higher the score, the worse the staining.

Here is the breakout of the findings:

SmartMouth Clinical Rinse

0.12% Chlorhexidine Rinse

GINGIVAL INDEX	
-0.22 (-0.34 to -0.16)	-0.34 (-0.50 to -0.17)
BLEEDING SCORE	
-0.39 (-0.54 to -0.13)	-0.52 (-0.79 to -0.18)
PLAQUE INDEX	
-0.36 (-0.64 to 0.00)	-0.62 (-0.91 to -0.28)
CALCULUS INDEX	
-3.00 (-7.75 to 1.75)	-5.00 (-9.00 to 2.00)
TOOTH STAIN INDEX CHANGE	
0 (-1.00 to 0.75)	3.5 (1.00 to 7.00)