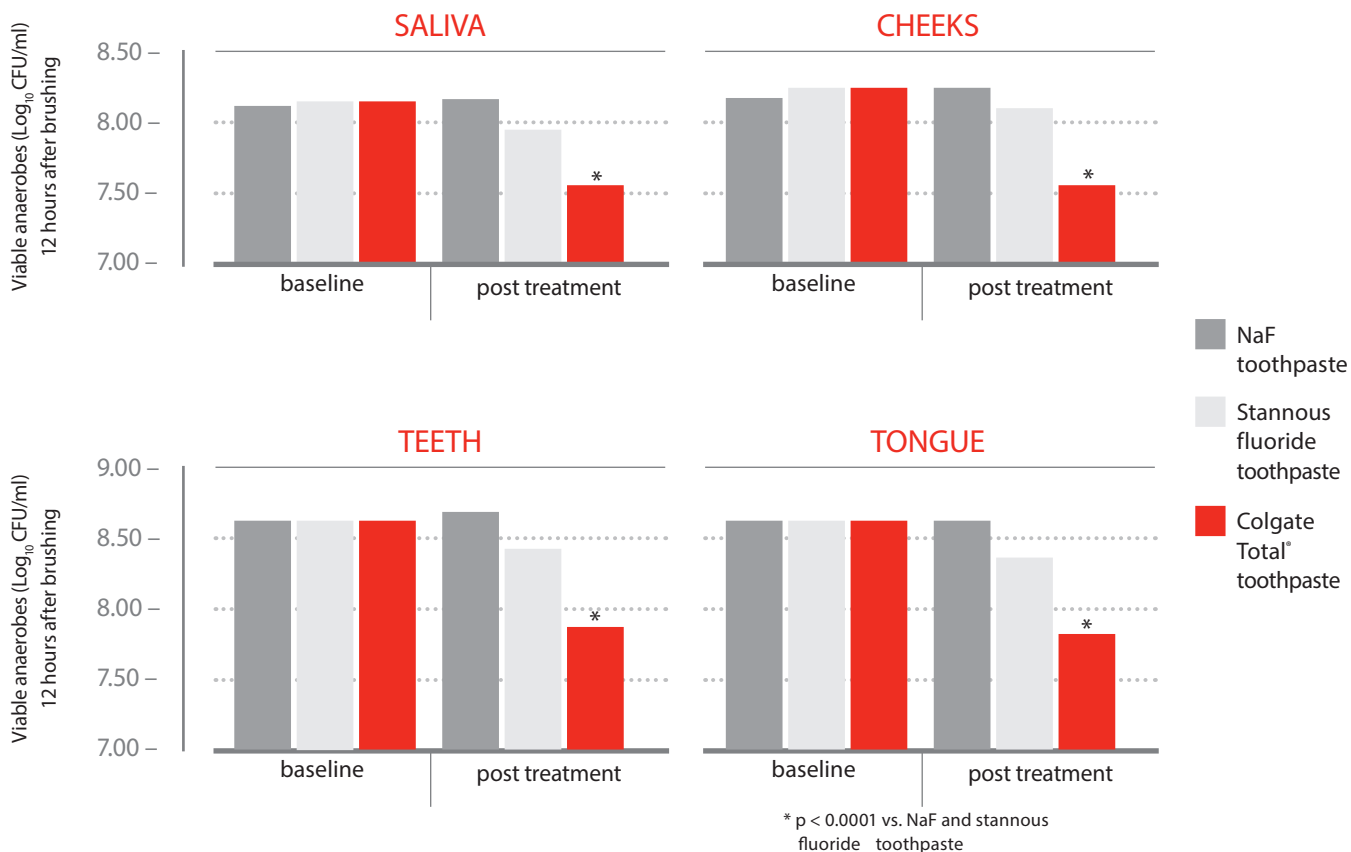


Colgate Total® Toothpaste Reduces a Range of Bacteria in Diverse Oral Sites

Results



- Colgate Total® toothpaste significantly reduces bacterial load in diverse oral sites even after 12 hours.
- Colgate Total® toothpaste provides a significantly greater antimicrobial effect compared to stannous fluoride and sodium fluoride (NaF) toothpaste.

Clinical study essentials

- cross-over, 3-arm, double blind, randomised study
- 35 participants completed the study
- Performed at the University of Medicine and Dentistry of New Jersey, Newark, USA
- Published in the Journal of Clinical Periodontology by Fine DH, Sreenivasan PK, McKiernan M, Tischio-Bereski D, Furgang D: Whole mouth antimicrobial effects after oral hygiene: comparison of three dentifrice formulations. J Clin Peridontol 39 (2012), 1056 - 1064

Implication for practice

Colgate Total® toothpaste demonstrates greater control of oral organisms on the tooth and soft tissue surfaces as compared to NaF and stannous fluoride toothpastes even after 12 hours. Providing your patients with whole-mouth antibacterial protection.

Colgate®

YOUR PARTNER IN ORAL HEALTH

www.colgateprofessional.co.uk

Supplementary Study Information



Products under investigation

Control: Crest® Cavity Protection toothpaste with 1'100 ppm F⁻ from sodium fluoride (NaF), Procter & Gamble Company, Cincinnati, USA

Test:

- Stannous fluoride toothpaste: Crest® Pro-Health® toothpaste with 1'100 ppm F⁻ from stannous fluoride, sodium hexametaphosphate and zinc lactate, Procter & Gamble Company, Cincinnati, USA
- Colgate Total® toothpaste with 1'450 F⁻ from NaF, triclosan and copolymer, Colgate – Palmolive Company, New York, USA



Study participants

35 participants (15 male, 20 female aged 18 – 70) enrolled in the study.

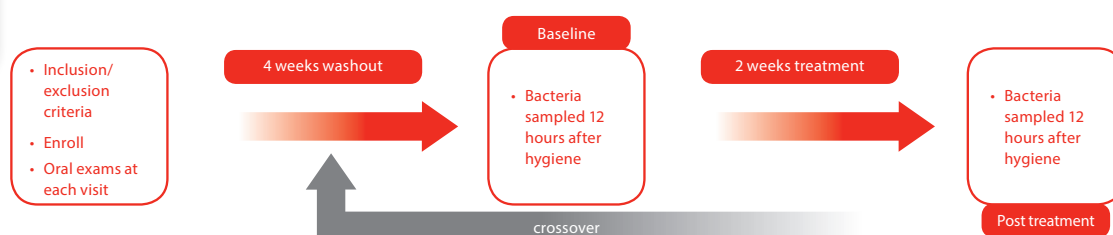


Methods

Samples of 4 different oral sites were collected: supragingival plaque, saliva and scrapings from the tongue and the buccal mucosa. The samples were plated in different dilutions and in duplicates on agar plates with the media specific for the growth of 6 different bacterial strains: anaerobic bacteria, Fusobacteria, Veillonella, Streptococci, Actinomycetes species and hydrogen sulfide producing bacteria. After inoculation of 5 – 7 days colony forming units (CFU) were calculated.



Trial procedure



Conclusion

Colgate Total® toothpaste showed a significantly greater reduction in tooth- and soft tissue-related bacteria ($p < 0.0001$) as compared with NaF and stannous fluoride toothpastes.

Further publications with this product:

1. Collins LMC, Dawes C. J Dent Res.1987;66:1300-1302.
2. Fine DH, Furgang D, Markowitz K. et al. JADA. 2006;137:1406-1413.
3. Amornchat C, Kraivaphan P, Triratana T. Mahidol DentJ. 2004;24:103-111.
4. Xu T, Deshmukh M, Barnes VM, et al. Compend Contin Educ Dent. 2004;25(Suppl1):46-53.
5. Kraivaphan P, Armornchat C, Triratana T. J Clin Dent. 2013;24:20-24.
6. Riley P, Lamont T. Cochrane Database Syst Rev. 2013; 12: CD010514.DOI:10.1002/14651858.CD010514.pub2

Further information on this product:
www.colgateprofessional.co.uk

Placeholder -
may be used
for QR code
of local
product URL