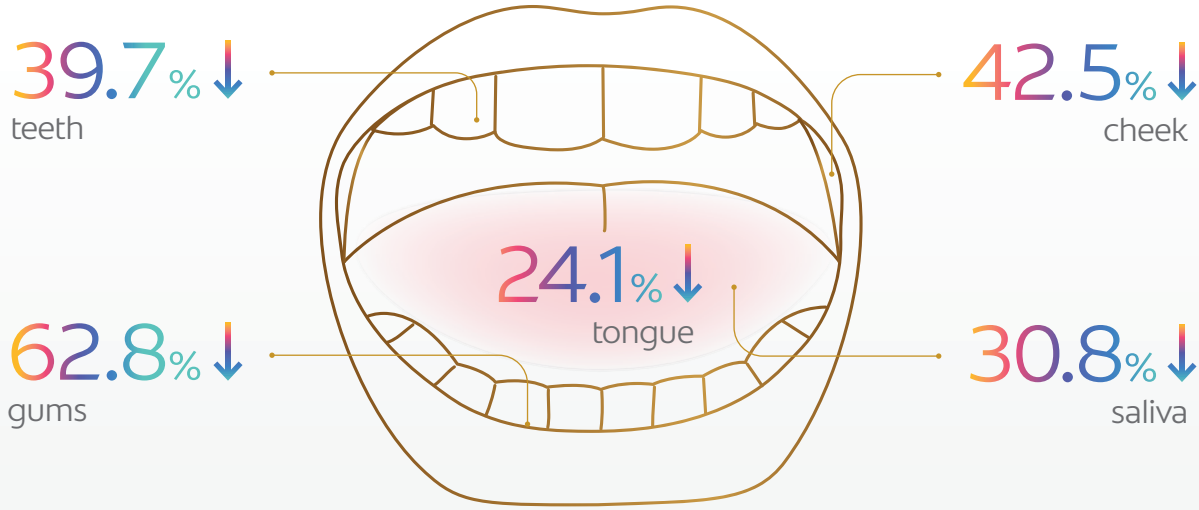
Clinical Results Of 4 weeks Antibacterial Study For Stannous Fluoride Toothpaste

A 0.454% stannous fluoride toothpaste stabilised with nitrate and phosphates (SNaP) provides sustained antibacterial effects 12 hours post-brushing after 4 weeks of continued use.

A SNaP toothpaste provides a significant reduction in plaque, tongue, cheek, gum and saliva bacteria as compared to a commercially-available regular fluoride toothpaste.

BACTERIA REDUCTION VS MPF TOOTHPASTE 12H POST-BRUSHING
AFTER 4 WEEKS OF PRODUCT USE



CLINICAL STUDY ESSENTIALS

- Type of Study: Randomised Controlled Trial
- Number of Participants: 98
- Duration of the Study: 4 weeks
- Gittins, Seriwatanachai, et al J Dent Res 2024; Vol 103 (Spec Iss A):1082

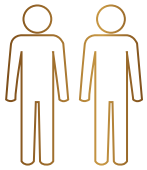
IMPLICATION FOR PRACTICE

The 0.454% stannous fluoride toothpaste stabilised with nitrate and phosphates can help prevent the growth of harmful bacteria, provide whole mouth antibacterial effects, and help prevent gum problems.

SUPPLEMENTARY STUDY INFORMATION

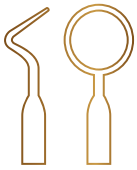
Products under investigation

- SNaP: 0.454% stannous fluoride dentifrice stabilised with nitrate and phosphates
- MFP: 0.76% sodium monofluorophosphate dentifrice



Study participants

98 subjects, with 48 using SNaP and 50 using MFP.



Methods

Measurement of bacteria reduction on teeth, tongue, cheek, gums, and saliva.

Trial procedure

- Participants were randomised into two groups
- Samples were taken from multiple oral sites at baseline and after 4 weeks of use
- The samples were analysed to compare the bacterial reduction efficacy of each formulation

Conclusion

The results of this randomised and double-blind study supports the conclusion, that 12 hours post-brushing (overnight) after 2 and 4 weeks with a 0.454% stannous fluoride stabilised with nitrate and phosphates (SNaP) toothpaste provides a significant reduction in plaque, tongue, cheek, gum and saliva bacteria as compared to subjects that brushed with a commercially-available fluoride toothpaste containing 0.76% sodium monofluorophosphate.