

# Colgate® SENSITIVE PRO-Relief™ Repair and Prevent significantly reduces plaque and gum problems after 6 months<sup>#\*</sup>

## Clinical study essentials:

Two cell, double blind, randomized controlled study. 88 patients with established plaque and gum problems. 6 month study performed at Penang Adventist Hospital, Penang, Malaysia.

In: Lai et al. J Clin Periodontol 42 S17 (2015)

## Implication for practice

Patients with dentine hypersensitivity as well as established plaque and gum problems should choose **Colgate® SENSITIVE PRO-Relief Repair & Prevent** Toothpaste, which provides superior reduction in plaque and gum problems as compared to a non-antibacterial fluoride toothpaste after 6 months.

## Trial conditions and methods

### Products under investigation

Test: **Colgate® SENSITIVE PRO-Relief Repair & Prevent** Toothpaste containing 8% arginine, calcium carbonate, zinc salts and 1450 ppm fluoride as sodium monofluorophosphate (SMFP).

Negative Control: Toothpaste containing 1450 ppm fluoride as SMFP.

## Study participants

88 patients (20 – 62 years) with established plaque and gum problems.

## Methods

Plaque was measured using the Turesky Modification of the Quigley Hein Plaque Index. Gum problems were measured using the Löe-Silness Gingival Index.

## Trial procedure

Patients needed an index of at least 1.5 for plaque and at least 1.0 for gum problems in order to enter the study.

Random assignment of toothpaste followed by at-home brushing twice daily for 6 months.

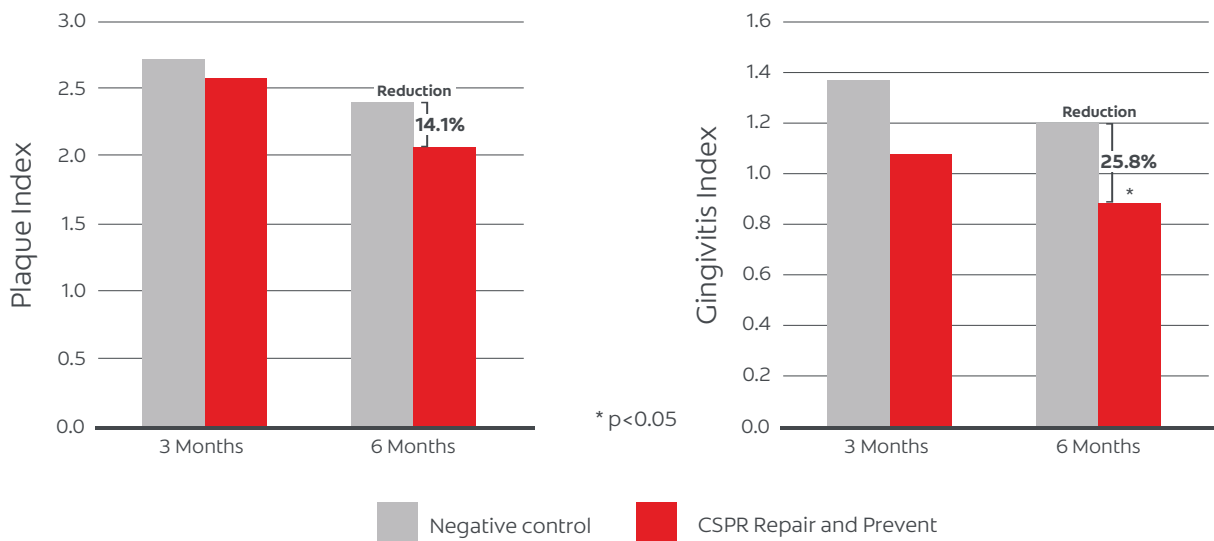
Re-evaluation of plaque and gum problems after 3 months and 6 months.

# Compared to a standard fluoride toothpaste. \* With regular use

**Other publications with this technology:** 1. Nathoo et al. J Clin Dent 2009;20:123-130. 2. Que et al. Am J Dent 2010;23(Sp Is A): 28A-35A. 3. Docimo et al. J Clin Dent 2011;22(Spec Iss):121-127. 4. Franca et al. Am J Dent 2015;28:45-50. 5. Panagakos et al. J Clin Dent 2016;27(Supplement):S1-S15. 6. Fanca-Grohmann et al. Am J Dent 2016;29:271-276

## Results

After 6 months of twice daily use, **Colgate® SENSITIVE PRO-Relief Repair and Prevent** Toothpaste reduces plaque index by 14.1% and gum problems by 25.8% as compared to a standard fluoride toothpaste.



## Conclusion

In patients with established plaque and gum problems, twice daily brushing with **Colgate® SENSITIVE PRO-Relief Repair & Prevent** Toothpaste provided significant reductions in plaque and gum problems after 6 months compared to an ordinary fluoride toothpaste as an added benefit to the proven superior relief of dentine hypersensitivity.