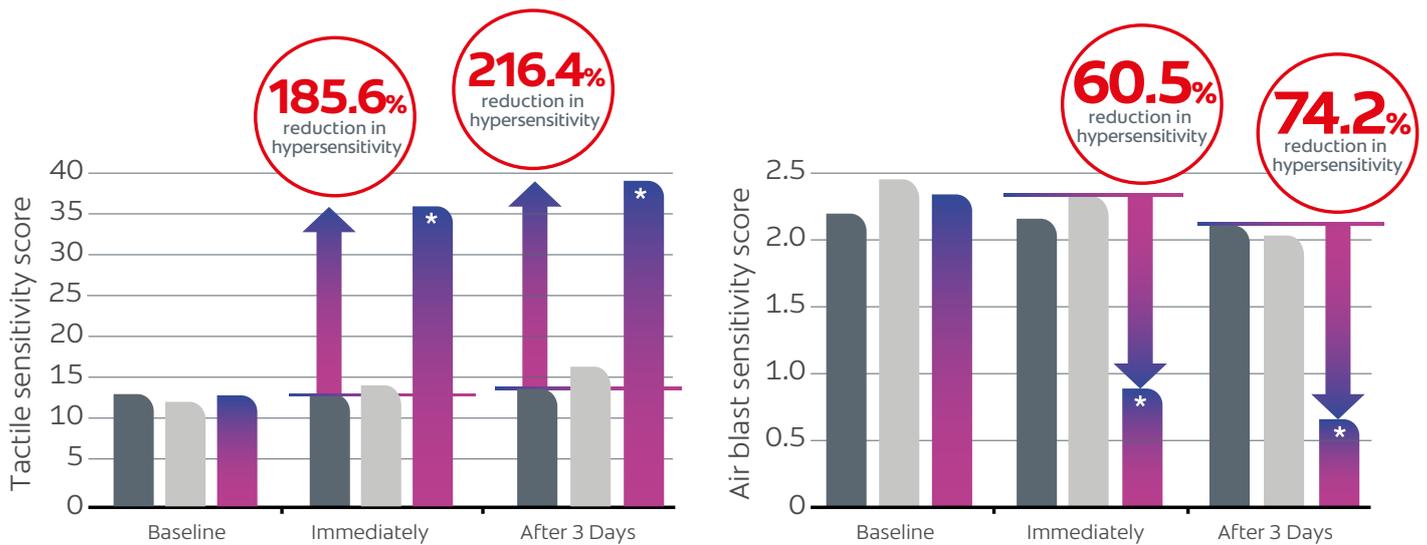


Colgate®

Colgate® SENSITIVE INSTANT RELIEF Repair + Enamel Strength toothpaste provides instant pain relief

RESULTS

Colgate® SENSITIVE INSTANT RELIEF Repair + Enamel Strength toothpaste provided a significantly greater reduction in tactile sensitivity and in air blast sensitivity score instantly and after 3 days compared to the control toothpastes



*p < 0.05



Fluoride toothpaste

Potassium nitrate toothpaste

Colgate® SENSITIVE INSTANT RELIEF Repair + Enamel Strength

CLINICAL STUDY ESSENTIALS

- Randomised, double-blind, parallel-group study
- **125 patients** with dentine hypersensitivity (at least 2 teeth)
- 3-day study duration
- Performed in Piscataway, New Jersey, USA
- Nathoo S, et al. J Clin Dentistry. 2009;20(Spec Iss):123-30

IMPLICATION FOR PRACTICE

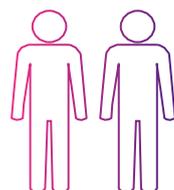
Using Colgate® SENSITIVE INSTANT RELIEF Repair + Enamel Strength provides your patients with sensitivity relief instantly using a fingertip and after twice-daily brushing for 3 days.

SUPPLEMENTARY STUDY INFORMATION



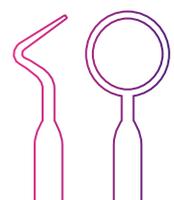
Products under investigation

- **Colgate® SENSITIVE INSTANT RELIEF Repair + Enamel Strength:** A toothpaste containing 8.0 % arginine, calcium carbonate, and 1450 ppm fluoride as MFP
- **Fluoride control:** A toothpaste containing 1450 ppm fluoride as MFP
- **Potassium nitrate:** A toothpaste containing 5 % KNO₃ and 1450 ppm fluoride as NaF



Study subjects

125 subjects (aged 18–74 years) with established dentine hypersensitivity (at least 2 teeth).



Methods

Dentine hypersensitivity was measured using the Schiff Cold Air Sensitivity Scale (air blast sensitivity score) and the Yeaple probe (tactile sensitivity score).



Trial procedure

- Patients applied a pea-sized amount of toothpaste directly to the sensitive area of each of the baseline-designated teeth with a fingertip and massaged for 1 minute
- Patients brushed with their assigned toothpaste and a soft-bristled toothbrush twice daily for 3 days
- Re-evaluations were done immediately after the fingertip application and after 3 days of brushing



Conclusion

Colgate® SENSITIVE INSTANT RELIEF Repair + Enamel Strength toothpaste provides statistically **significant pain relief, immediately after direct application with a fingertip**, compared to a potassium nitrate toothpaste and to a fluoride toothpaste.

Other publications with this product

1. Nathoo S, et al. J Clin Dent. 2009;20(Spec Iss):123-130.
2. Docimo R, et al. J Clin Dent. 2009;20(Spec Iss):17-22.
3. Petrou I, et al. J Clin Dent. 2009;20(1):23-31.