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## Evaluation of the efficacy and safety of two desensitizing dentifrices in the treatment of dentinal hypersensitivity- a comparative clinical study

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### ABSTRACT

**Background:** Sensitivity manifests as brief and acute pain that cannot be attributed to any other form of dental pathology or defect.

**Aim of the Study:** The purpose of this study was to evaluate the safety and efficacy of two desensitizing Toothpaste in the management of sensitive tooth.

**Materials and Methods:** Patients were randomised into test group and placebo group and advised to brush twice daily with two different dentifrices for 6 weeks. All the patients were followed up at the end of 2 weeks, 4 weeks and at the end of 6 weeks, and the symptom score evaluation was done during each follow-up visit. Total of 200 healthy patients aged between 20 to 76 years with multiple teeth (3-6) hypersensitivity symptoms confirmed by Visual Analogue Scale (VAS) and Verbal Rating Scale (VRS) were enrolled.

**Results:** The efficacy parameters showed good improvement. In subjective evaluation, No adverse effect was seen. The above observations indicate that the Herbal sensitive toothpaste is effective and safe in patients suffering from sensitive tooth.

**Key words:** Tooth sensitivity, Desensitizing dentifrices, Open dentinal tubules,

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