

## Epidemiological Survey of Dentinal Hypersensitivity in Patients after Oral Prophylaxis

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### Abstract

**Aim:** To determine the prevalence of dentinal hypersensitivity in patients after oral prophylaxis. **Materials and Methods:** The study population for the survey consisted of 150 patients visiting the out patient, Department of Periodontics, A.B. Shetty Memorial Institute of Dental Sciences. A questionnaire form was given to all the patients after Oral Prophylaxis. After taking consent from all the patients, they were asked to mark their answers in the questionnaire form and was statistically analyzed using Chi squared test. **Results:** The effect of oral prophylaxis on dentinal hypersensitivity showed a significant correlation. 48 (32%) patients experienced increase in hypersensitivity after oral prophylaxis, 13 (8.6%) patients experienced decrease in hypersensitivity after oral prophylaxis, 40 (26.6%) patients had not experienced any change in hypersensitivity after oral prophylaxis. **Conclusion:** From this survey we can conclude that dentinal hypersensitivity is not dependent on beverage consumption, habits, mode and frequency of brushing. Other factors such as force of brushing, type of brush used, presence of dental caries, periodontal pocket, recession, furcation involvement, etc also could be a cause of dentinal hypersensitivity. This survey showed that there was an association between dentinal hypersensitivity and oral prophylaxis.