

CERTIFICATE NO : **ICRESMH /2025/C0425410****Effect of Educational Interventions on Improving Preventive Oral Practices Among Dental Students****Sarvesh Bansal**

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**ABSTRACT**

Educational interventions play a critical role in enhancing the oral health knowledge, attitudes, and preventive practices of dental students, who are future oral healthcare providers. This study aims to evaluate the effect of structured educational interventions in improving preventive oral practices among dental students by assessing changes in their awareness, motivation, and routine oral hygiene behaviors. The intervention included lectures, interactive workshops, demonstrations, and evidence-based learning modules that focused on common preventive concepts such as plaque control, periodontal disease prevention, proper brushing and interdental cleaning techniques, the use of fluoride, dietary counseling, and patient education strategies. Pre- and post-intervention assessments were conducted to measure the improvement in knowledge and behavioral patterns using structured questionnaires and observation checklists. The findings indicated a significant increase in students' understanding of preventive dentistry, along with noticeable improvements in their personal oral hygiene routines, including increased use of interdental cleaning aids, better adherence to recommended brushing frequency, and stronger intention to apply preventive approaches in future clinical practice. The results suggest that educational interventions not only strengthen clinical competence but also positively influence the development of responsible oral hygiene habits among dental students. Therefore, integrating preventive dental education early and consistently into the curriculum can contribute to producing more informed, confident, and prevention-oriented dental professionals capable of promoting better oral healthcare outcomes in society.

**KEYWORDS:** *Educational Interventions, Preventive Oral Health, Dental Students, Oral Hygiene Practices, Dental Education, Behavior Change, Oral Disease Prevention.*