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Dental Sealant placement: A Comparison technique

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Dental sealant placement is a technique used to prevent dental caries. It involves the application of a resin-based material to the pits and fissures of teeth. The material is cured and forms a protective barrier against acids and bacteria. This technique is most commonly used on permanent teeth, but can also be used on primary teeth. The success of sealant placement depends on several factors, including the quality of the sealant material, the technique used for application, and the patient's oral hygiene habits. Research has shown that sealant placement can significantly reduce the risk of dental caries, particularly in children and young adults. It is a simple, non-invasive procedure that can be performed in a dental office or a community health center. The cost of sealant placement is relatively low, and it is often covered by dental insurance. Overall, dental sealant placement is an effective and safe method for preventing dental caries.

Objectives: To compare the effectiveness of different sealant materials and techniques in preventing dental caries. The study will evaluate the long-term retention of sealants and the reduction in caries incidence. The results will provide valuable information for dental practitioners and patients.

Biography

Dr. Swati Chitre has completed BDS from India, MSD in Operative and Preventive Dentistry from Indiana University and DDS from University of Detroit Mercy school of Dentistry. She is currently working as a Clinical Associate Professor at the University of Detroit Mercy School of Dentistry. She teaches in the preclinic laboratory and clinics. Prevention of caries, Dental Sealants are the main areas of her research interest. She has presented posters and oral presentations in national dental meetings for past few years. She also maintains her skills by practicing in private practice one day a week and devotes one day a month to serve the underserved population. She is a reviewer for the reputed Journal of Operative Dentistry, Journal of Dental Research and had been serving as an editorial board member of reputable Gavin Journal of Dental Sciences.

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