

31st International Conference on
DENTAL SCIENCE & ADVANCED DENTISTRY
June 25-26, 2018 | Vancouver, Canada

Phoenix dentistry-recent aids in remineralisation

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Tooth remineralisation is a natural process occurring in the oral cavity. It is defined as a process in which calcium and phosphate ions are sourced to promote ion deposition into crystal voids in demineralized enamel. Remineralisation remains an imperative approach towards the management of non-cavitated carious lesions and prevention of disease progression within the oral cavity. The process also has the ability to contribute towards restoring strength and function within tooth structure. Tooth demineralization is a chemical process which removes minerals (mainly calcium) from any of the hard tissues: enamel, dentine and cementum. The process of demineralization begins at the crystal surface found inside the hard tooth tissue and my progress into cavitation unless arrested or overridden by remineralisation. The effect to demineralization can be reversed If there is sufficient time to allow remineralisation to occur to counteract the acids in the oral cavity. The scientific presentation highlights the potential of reminerlisation aids in dentistry in prevention and early management to early caries. With recent development in the area of minimal intervention the scope of remineralisation seems abundant.

Biography

Navjot Singh is doing internship in Sri Guru Ram Dass Institute of Dental Sciences and Research. He has attended many States, national and one international conference and presented paper and poster.

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