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Treatment of non-carious cervical lesions: State of art

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Abstract

Considering some factors as the growth of the elderly population, the smaller rate of tooth loss, and possibly the increase of some etiologic factors as inadequate brushing techniques, corrosive food and drink consumption, and occlusal stress concentrating factors (occlusal interferences, premature contacts, habits of bruxism, and clenching), the treatment of non-carious cervical lesions can be considered a matter of great importance. Unfortunately, Class V restorations also represent one of the less durable types of restorations and have a high index of loss of retention, marginal excess, and secondary caries. Some causes for these problems include difficulties in isolation, insertion, contouring, and finishing and polishing procedures.

This presentation aims to help dentists in choosing the best treatment strategy, which necessarily involves steps of problem identification, diagnosis, etiological factor removal or treatment, and, if necessary, restoration. Finally, appropriate restorative techniques are suggested for each situation.

Biography:

Cesar Dos Reis Perez is an Associate Professor of State University of Rio de Janeiro (UERJ). He is working in Dental Materials and Prosthesis Graduation and Post-Graduation. He has his expertise in Non-Carious Cervical Lesions and Development of Dental Materials.

Speaker Publications:

1 Rengo C et al. (2015) Marginal Leakage of Class V Composite Restorations Assessed Using Microcomputed Tomography and Scanning Electron Microscope. Operative Dentistry 40:440-448.

2 Perez C R, et al. (2012) Restoration of noncarious cervical lesions: When, Why, and How. Int J Dent. 2012:687058.

3 Perez C R (2010) Alternative Technique for Class V Resin Composite Restorations with Minimum Finishing/Polishing Procedures. Oper Dent 35:375-379.

4 Moezyzadeh M and Kazemipoor M (2009) Effect of Different Placement Techniques on Microleakage of Class V composite Restorations. J Dent, Tehran University of Medical Sciences 6(3):121-9.

5 Chimello DT et al. (2002) In vitro evaluation of microleakage of a flowable composite in class V restorations. Braz Dent J 13(3):184-187.

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