

Strategies of Dental Adhesive Systems; Current state of art

By Dr. AHMED MOHAMED AHMED ELMARAKBY.

Abstract

It is known that clinical success or failure of esthetic restoration like composite restoration relay to great extent on the quality and performance of the bonding system at the interfaces between tooth and restoration. The better adhesive performance depends on many factors but the most important one is proper application. This literature discussed variables in the bonding technique, such as over-wetness/over-dryness, over-etching, air-thinning, and solvent evaporation. Actually, the less technique sensitive dental adhesive system may be considered the best for the dentists due to reliable good bonding even under various clinical situations.

Key Words: Dental adhesives, dry dentin, moist dentin and solvent evaporation.

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Biography

Dr. Ahmed Elmarakby was graduated at 1999 from the Faculty of Dentistry, Al-Azhar University, Cairo, Egypt. He got the Master Degree in Operative Dentistry from Al-Azhar University at the year 2008 then finished his PhD in Operative Dentistry from Al-Azhar University Faculty of Dentistry, Cairo, Egypt in the year 2013. He is A Lecturer in Operative Dentistry Department , Faculty of Dentistry,Al-Azhar University, Egypt. Now, he is Assistant Professor of restorative dentistry science, Alfarabi Colleges, KSA. He has published 16 papers in different international journals.He sheared two posters in the KSA at jan 2017 (in Riyadh) and March 2017 (in Mekka) and participated with 7 posters in 7 global dental conferences all over the world. Also he has the letter of acceptance for 4 posters in 4 upcoming international conferences at this year 2017.

Regarding my research interest:

It will be in the field of:

Restorative dentistry, Dental cariology, caries preventive measures, operative dentistry, esthetic dentistry, bonding and adhesive dentistry and recent techniques and materials related to conservative and minimal tooth preparations.


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