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Bonding till the last drop?

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Adhesive dental technology has revolutionized preventive, restorative and aesthetic treatment modalities. The science and chemistry behind dentin bonding agents is constantly researched to provide the best bond to dentin. Dentin presents challenges because of its intrinsic nature namely "wetness", mixed organic-inorganic components and the presence of smear layer. The moist bonding technique with the etch and rinse adhesives is still practiced today with predictable success. This paper attempts to decode the components of the one –bottle dental adhesive system and addresses practical issues such as the efficacy of these components during its periodical usage in the clinics.

Biography

Sai Shamini did her Bachelors in Dental Surgery at Ragas Dental College, Chennai, between 1995-2000. She had a brilliant academic record, during her under-graduate studies, winning several merit prizes / awards, in Oral Histology, Oral Pathology, Prosthetics and Orthodontics, for securing the highest marks, in the respective subjects. She was awarded the prize of the 'Best Final Year Student' for the Academic year 1998-99. She secured the III Rank in the TN State Post-graduate Entrance Examinations, held in 2001 andentered the haloed portals of the Tamil Nadu Government Dental College and Hospital, Chennai. She continued to shine academically, in her post-graduation studies, as well, specializing inConservative Dentistry &Endodontics. She was adjudged as the "Best Post Graduate Student", awarded by FODI & IES, in the Year 2004. She has presented several scientific papers in National conferences, deliveredguest lectures in IDA Chennai. Recently, she has contributed two chapters for the textbook -"Materials used in Dentistry " - Dr. S. Mahalakshmi. She is presently working as Reader, Department of Conservative Dentistry and Endodontics, Madha Dental College and Hospital, Chennai, apart from having her own Private Practice, in Chennai.

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