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Zirconia – evidence based use

The use of zirconia as a restorative material has been increasing day by day. Like any new restorative material we are using zirconia indiscriminately, without understanding its composition, properties and behavior. Through this oral presentation an attempt will be made to make the audience understand the composition and properties of zirconia. The different types of zirconia and the differences between them will also be discussed. An attempt will be made to make the audience aware of how different types of zirconia behave differently. This will be followed by an evidence based analysis of the properties of zirconia that affect long term clinical success. Finally the speaker will also make recommendations based on evidence to make intelligent treatment decisions. A rubric for planning zirconia restorations will be shared. Handling of zirconia restorations in a correct way will also be demonstrated. The lecture will try to give a complete clinical summary of zirconia from a scientific and educational perspective.

Biography

Abhinav P Wadkar is currently an Assistant Professor of Restorative Dentistry at Rutgers School of Dental Medicine, RBHS. He is a graduate of UMDNJ (Prosthodontics) and received his Bachelor of Dental Science through Nair Hospital Dental College, Mumbai, Maharashtra, India and received HSC Certificate from Sathaye College. He has been honored with the Excellence in Teaching Award by the NJ Health Foundation in 2014 and in India was awarded Best Oratory Speaker on both the regional and state levels.

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