

Biomimetic Ceramic Onlays. Rationale, Armamentaria, and Technique.



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Lecture outline:

This lecture explores the rationale for biomimetic ceramic onlays, explores advantages of this technique over a conventional crown. Emphasis is made on use of proper material and techniques. Concepts such as selective caries removal, crack dissection strategies, immediate dentin sealing, resin coating, deep margin elevation and thermo-modified luting are covered. Each step from the procedure including the preparation design and delivery protocol are covered and shown in a real clinical case under an operating microscope

Received his DMD degree from University of Szeged, in Hungary in 2010 and received his Certificate of Advanced Restorative Dentistry from UCLA in 2012. DDS degree from University of Colorado in 2014. After clinical practice for a year he pursued a degree in Advanced Prosthodontics at USC which he completed in 2019. Since then, he has been in private practice and has maintained part-time faculty position at UCLA. He is currently a PHD candidate in Operative Dentistry at University of Szeged, in Hungary.

Hi focuses in all aspects of restorative dentistry, including minimally invasive, microscopically enhanced, rubber dam and adhesive restorative dentistry as well as implant dentistry.

He has published papers including technique articles, case reports, and in vitro laboratory testing of dental material.