Biomimetic Dentistry Hands-on Training

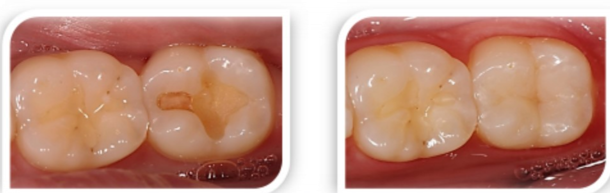
Solutions to Adhesive Dentistry Problems Utilizing Advanced Bonding Techniques

Course Description

The traditional prosthodontic principles of stabilization and retention do not align with the biology (pulp survival), function, and mechanics of natural teeth. In the "biomimetic approach," teeth are restored to full function through advanced adhesive techniques, allowing stresses to pass **through** the tooth and returning the damaged tooth to a functional, biologic, and esthetic result.

Learning Objectives

- **Increase bond strengths by 400% with immediate dentin sealing**
- **Preserve pulp vitality & reduce root canals by over 90%**
- **Eliminate catastrophic failures**
- **Eliminate post-operative pain & sensitivity**
- **Learn to Perform: stress reduced direct and indirect restorative techniques, deep-margin elevation, biomimetic cementation techniques**



DIRECT COMPOSITE

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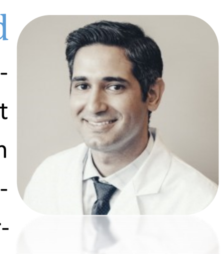
Dr. David S. Alleman

Dr. Alleman has been practicing dentistry for 32 years since his graduation from the University of the Pacific in 1978. In 1995 he started studying adhesive dentistry with Dr. Ray Bertolotti. In 1999 he started studying with Dr. John Kois. These two mentors guided him through a 10 year/10,000 hour review of the literature on which advanced adhesive (Biomimetic) dentistry is based. He has published articles on advanced adhesive techniques that focus on reducing stress, increasing long-term bond durability and tooth conservation.

Dr. Matthew A. Nejad



Dr. Matthew A. Nejad is a graduate of the University of Southern California, School of Dentistry where he received advanced training and ongoing mentorship from Dr. Pascal Magne. He maintains a private practice that focuses on biomimetic and esthetic dentistry. He splits his time between private practice, clinical instruction (at the University of Southern California), and providing continuing education training. He is currently conducting research on dental materials and adhesive dentistry with an emphasis on low-stress biomimetic restorative techniques.

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