

How To GET BONDED AND STAY BONDED

We invite you to join us for an

INTRODUCTION TO BIOMIMETIC DENTISTRY WITH DR. DAVID ALLEMAN

Biomimetic Dentistry is a stress-reduced, direct composite and onlay technique that restores the biomechanics of severely broken-down teeth. During his first lecture series in Australia, Dr. Alleman will give practical, clinical advice & scientific evidence supporting this method of controlling stresses during restorative procedures, maximising bond strengths & maintaining the seal while preventing secondary caries & preserving pulp vitality.

Course Outline

Adhesion Dentistry is a relationship between stress & bond strength. If the bond strength can withstand the stresses then the restorations will be successful.

- What is Biomimetic Dentistry?
- 4 Fundamentals of Advanced Adhesion (Biomimetic) Dentistry

Caries Diagnosis & Treatment:

- How to identify & treat affected & infected dentine
- How to use dyes & the DIAGNOdent which relates to bond strength & durability

Polymerization & Configuration Stresses:

- How to select & identify low-stress materials
- Which layering techniques produce low stress & high bond strengths
- How to reduce polymerization stress with proper curing protocols
- How fibre inserts reduce stress

Materials Selection, Techniques & Technologies:

- How to choose bonding materials with long-term durability & physical properties that mimic natural tooth structure

Structural Analysis:

- Crack diagnosis & treatment; When & how to onlay thin cusps Multiple Clinical Cases Presented To Illustrate Techniques:

Materials & Hot Topics:

- Self-Etch Vs. Total-Etch bonding systems
- Bulk-Fill composites: Marketing or science?
- Concept of "Super Dentine"
- Dentine collagen enzymes that degrade bond strengths & how to deactivate them
- Restorative composites that mimic the properties of natural tooth structure

When & Where

Sydney 8:30am - 5:00pm | 20 March 2013
Waterview in Bicentennial Park
Bicentennial Drive,
Bicentennial Park, Sydney Olympic Park

Melbourne 8:30am - 5:00pm | 22 March 2013
Crowne Plaza Melbourne
Spencer Street,
Docklands

Learning Objectives:

- How to find caries infected & affected dentine & guidelines for removal
- How to choose the best type of restoration based on risk assessment
- Immediate dentine sealing: How to seal preparations before taking impressions
- C-Factor & polymerization stresses & how they affect bond strength & durability
- How to double your bond strengths with stress-reduced layering techniques & curing
- How to adjust occlusion by finding lateral interferences with Unterbrink's 3-paper technique
- How to conserve tooth structure & double/triple the life of restorations



Dr. David S. Alleman

Dr. David S. 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. Other mentors and collaborators are Dr. Gary Unterbrink, Dr. Didier Dietschi, Dr. Pascal Magne and Dr. Geoff Knight. He is currently partnering with Dr. Simone Deliperi from Sardinia, Italy to teach these techniques to practicing dentists at his educational facility in Salt Lake City, Utah. He is a member of the Academy of Operative Dentistry & The International Association for Dental Research. He has published articles on advanced adhesive techniques that focus on reducing stress, increasing long-term bond durability and tooth conservation. He currently mentors over 200 dentists nationwide in his practice based research group.

Course Details

Course Cost \$350

Includes Morning Tea, Buffet Lunch and Afternoon Tea.

8:30 am	Registration
9.00 am	Lecture Commences
5.00 pm	Post Lecture Drinks



Register Online

www.henryschein.com.au/education

Course Enquires

For registration enquiries contact:

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Refund policy on cancellations: 50% of the fee charged at the time of registration will be refunded only if we receive the cancellation up to 7 days prior to the course date.