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Educational Grants

The University of Texas Dental Branch at Houston gratefully acknowledges

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Continental Breakfast & Lunch Provided

Location

Medical Center

The University of Texas Dental Branch at Houston
6516 M.D. Anderson Blvd.
Houston, Texas 77030

Date

Friday – November 6, 2009

Time

Check-in and Breakfast
8:30 am – 9:00 am

Presentation
9:00 am – 5:00 pm

Credit Hours

5 Lecture
2 Participation

AGD Code

780 Esthetics

Registration

\$ 297.00 Dentist
\$ 197.00 Allied Dental Personnel
(Observe only)

Mastering Adhesion Dentistry and the Direct and Indirect Esthetic Restoration

Enhancing the Esthetic and Function of Teeth

Friday – November 6, 2009

Alan M. Atlas, DMD

Course Description

There are four major elements that will determine the success of direct and indirect esthetic restorations: tooth preparation, material choice, placement technique and curing method. This presentation will examine the scientific evidence to determine how each element will play a critical role in the professional's decision making process when determining which materials, systems and techniques are best to utilize when doing direct and indirect esthetic restorations.

Learning Objectives

Mastering Adhesion Dentistry and the Direct Posterior Esthetic Restoration

- Tooth preparation, choice of materials, placement and curing methods for direct posterior composite restorations. The best material choices for Class I, II and V restorations
- 2009 update and scientific analysis of adhesive systems with indication of which systems to utilize for specific cavity preparations.
- Research based step by step application techniques for improving adhesion, reducing polymerization shrinkage and eliminating post-operative sensitivity
- Precise and consistent contacts utilizing optimum matrix systems for excellent long term results
- Finishing and polishing materials and techniques
- Review of light curing options and protocols for optimal polymerization
- The controlled placement and delayed polymerization technique for optimum long term results of direct posterior restorations

Mastering the Indirect Anterior and Posterior Esthetic Restoration

- Step by step protocols for preparation of all ceramic anterior and posterior restorations utilizing specific diamonds for precise margins
- Predictable impression techniques utilizing simplified retraction and hemostasis
- Simplified provisionalization for indirect restorations
- Simple and predictable smile design methods
- Comparison of all CAD-CAM technologies, all-ceramic (stacked and pressed) and Zirconium systems with specific indication for each
- Laboratory considerations for all ceramic inlay, onlay and crowns. How to direct your dental laboratory to produce indirect restorations with better fitting margins
- Cementation: Materials, adhesives and techniques for each substrate - Metal, Ceramic, Aluminous Oxide and Zirconium
- Treatment planning minimal preparation porcelain laminate veneers
- Step by step protocols for composite and porcelain repairs

About the Presenter



Alan M. Atlas, DMD, received his degree in 1986 from the University of Pennsylvania School of Dental Medicine and served there as acting Co-Chairman of the Department of Preventive and Restorative Sciences. Currently, Dr. Atlas is Clinical Associate Professor, Co-Director of Restorative Dentistry Clinics and Director of Implant Dentistry. In addition, he is actively involved in the development and integration of clinical research studies for implants and dental materials at Penn. Presently, Dr. Atlas is an internationally recognized lecturer focused on applying scientific based protocols to clinical dentistry. He lectures extensively on various topics in dentistry including esthetic and implant restorations and current concepts in adhesion dentistry. He maintains a private practice dedicated to

Esthetic and Comprehensive Restorative Dentistry located in Philadelphia, Pennsylvania.