

For better dentistry®

DENTSPLY
INTERNATIONAL

 *Clinical
Education*

DENTSPLY
CAULK

CLINICAL EDUCATION

Speaker Resource Book

Delivering solutions for better dentistry that benefit practitioners and patients everywhere,
optimizing our global resources to lead the industry in innovation, quality, and service.

Clinical Education Staff

Terry Kittleson, Professional Relations Manager
(760) 320-5513 • tkittleson@gmail.com

Jesse Glanden, Professional Relations Associate
(800) 532-2855 ext. 57238 • jesse.glanden@dentsply.com

Kim Coulbourne, Continuing Education Program Planner
(800) 532-2855 ext. 57399 • kim.coulbourne@dentsply.com



DENTSPLY International is an ADA
CERP recognized provider.



AGD Accepted Program Provider #83512
FAGD/MAGD Credit
06/01/2006 to 06/30/2010

Table of Contents

Alan M. Atlas	1
Alan A. Boghosian	3
John Flucke	5
Lou Graham	7
Edmond R. Hewlett	9
Douglas L. Lambert	11
Jamiee Morgan and Stan Presley	17
Stephen D. Poss	19
Gary Radz	21
Daniel H. Ward	23
Corky Willhite	25

These doctors are not on our payroll but are independent clinicians with whom we have good relationships. Due to varying levels of honorarium, please contact the DENTSPLY Caulk Clinical Education Department for details regarding cosponsorship.

DIRECT



Dr. Alan M. Atlas

Dr. Alan M. Atlas received his DMD 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, Director of Implant Dentistry and a Primary Care Unit Group Leader in the Department of Preventive and Restorative Sciences. In addition, he is actively involved in the development and integration of clinical research studies for implants, CAD-CAM ceramics and dental materials at Penn. He holds membership in the Academy of Osseointegration, Omicron Kappa Upsilon National Dental Honor Society and the International Association for Dental Research. He is a 2006 recipient of the Penn Dental Medicine Alumni Award of Merit. Presently, Dr. Atlas is an internationally recognized lecturer focused on applying scientific based protocols to clinical dentistry. He lectures extensively and publishes 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, PA.

Mastering Restorative Dentistry From A To Z Adhesion To Zirconium: Treatment Planning The Materials, Techniques And Procedures For Optimal Clinical Success

Half day lecture

There are key fundamental concepts that will determine the long term favorable outcome of esthetic restorations. This course will demonstrate step by step concise restorative treatment planning guidelines that fulfill today's esthetic demands and integrates current restorative materials and protocols. Procedures and techniques for esthetic and functional success with adhesives, composites and ceramic materials will be reviewed based on the most current scientific evidence.

Mastering Adhesion Dentistry and the Direct Posterior Esthetic Restoration – Lecture – Morning

- Describe the clinical prerequisites and the influence of material, clinician experience and the patient on long-term outcomes of direct esthetic restorations
- Describe how the tooth location and preparation configuration determines the adhesive system, composite materials and placement technique utilized for Class I, II and V restorations
- Describe what factors most affect successful or failed clinical results and the survival of restorations based on the evidence.
- Utilize CaMBRA and other preventive measures at the hygiene visit to ensure extended survival of the restoration

- Review the 2012 update and scientific analysis of adhesive systems.
- Utilize research based step by step application techniques for improving long term durability of dentin bonding.
- Describe precise and consistent contacts utilizing optimum matrix systems for excellent long term results
- Review finishing and polishing materials and techniques
- Review light curing options and protocols for optimal polymerization

Optional Hands-On Workshop

This hands-on practicum will demonstrate step by step concise restorative treatment planning guidelines that fulfill today's esthetic demands and integrates current restorative materials and protocols. Procedures and techniques for esthetic and functional success with adhesive and posterior composite materials will be reviewed, based on the most current scientific evidence, to assess what factors most influence the clinical results. The workshop will provide techniques for successful direct Class I, II and V composite resin restorations as well as post and core selection and placement.

- Restoration of Class I and II direct posterior composites with several techniques, materials and matrices utilized
- How to get precise and consistent contacts and excellent long term results
- Finishing and polishing techniques
- Describe scientific based indications and treatment planning strategies for selection and placement of post and core systems, post luting cements and core buildup materials
- Utilize research based step-by-step techniques for improving the durability of coronal and radicular dentin bonding for luting posts and placement of composite core build-up materials



Dr. Alan A. Boghosian

Dr. Alan A. Boghosian is an Clinical Associate Professor in the Department of Otolaryngology-Head and Neck Surgery, Division of Dentistry at Northwestern University's Feinberg School of Medicine where he coordinates laboratory and clinical research investigations. Dr. Boghosian maintains a private practice in downtown Chicago devoted primarily to restorative dentistry. He has authored numerous publications and has lectured internationally on the subjects of dental materials and restorative procedures. Dr. Boghosian is a member of the International Association of Dental Research and a Fellow in the American College of Dentists and Academy of Dental Materials. In 1996 he was the recipient of the Gordon J. Christensen Recognition Lecturer Award of the Chicago Dental Society. Dr. Boghosian is a media spokesperson for the American Dental Association. He formerly was chairman of the working group on materials, instruments and equipment of the Council on Scientific Affairs of the American Dental Association and currently serves as a consultant to the council.

Adhesive Restorative Materials and Composite Finishing

Half day lecture

The rapid evolution of dental materials and new techniques has enabled the clinician to restore the compromised dentition with unsurpassed performance; both functionally and aesthetically. However, the clinical performances of some contemporary materials offered today are not as efficacious as those released 10 years ago. The first part of the lecture will review dentin adhesives and hybrid glass ionomer restoratives. The results of clinical research on adhesive materials, conducted at Northwestern University, using the Class V model will be presented. The second segment of the lecture will discuss the esthetic and non-traumatic finishing and polishing of composites. Topics will include the selection of finishing armamentaria based upon composite type, proper usage of rotary instruments, and achieving a natural esthetic result.



Dr. John Flucke

Dr. John Flucke is in private practice in Lee's Summit, MO, where he practices four days per week. He also serves as Technology Editor for *Dental Products Report* where he writes, edits, and functions as Team Lead for the Clinical 360 Technology Team. Dr. Flucke has one of the most popular dental blogs on the internet – The Dental Technology Blog – featuring daily updates on technology in health care and technology in general. He also lectures extensively on all aspects of clinical dentistry as well as technology in dentistry and has been featured at every major dental meeting in the U.S. and international locations as well. Frequently presenting 2-3 times per month, he spends a fair amount of time in front of dental audiences. One of his latest projects is The DEN (Dental Entertainment Network) where he anchors and hosts an online streaming video show about the latest and most innovative products for the profession at www.dentalentertainment.com. He also consults with many manufacturers helping with development of clinical techniques and products as well as serving as the Missouri State Peer Review Chairman.

Successful Bonded Dentistry – Science and Substance

Half day hands-on workshop

As dentistry evolves into a world of bonded restorations, practitioners are seeking to simplify their procedures while ensuring sensitivity free restorations with clinical longevity. This course will give practical and predictable “real world” recommendations that doctors can implement immediately. The focus is on improving “bread and butter” procedures that are performed in offices on a daily basis. Doctors will benefit from decreased stress and streamlined procedures while patients will benefit from conservation of tooth structure and sensitivity free dentistry.

- Caries science; nature of present day decay; detection/evaluation of lesions
- Assessment and recommended treatment
- Preparation design – emphasizing conservative preparation techniques
- Material placement – understanding layering through “build a tooth” exercise
- “Sensitivity Free Bonding”
- Proper isolation, placement, finishing/polishing
- Curing and curing options
- Explanation/demonstration of various matrix systems



Dr. Lou Graham

Dr. Graham is an internationally recognized lecturer extensively involved in continuing education for dental professionals, focusing on incorporating current clinical advancements through "conservative dentistry." He emphasizes in his teachings the same things he practices: dental health diagnosis, treatment plans for medically compromised patients, conservative treatment, cosmetic dentistry, and customized approaches to periodontal care, implants and laser dentistry. He is the founder of Dental Team Concepts a continuing education company whose philosophy and programs use contemporary, interactive formats to integrate time-proven conservative dentistry with 21st century materials and techniques. Dr. Graham is a published author in many leading national and international dental journals. He is a member of the American Dental Association, American Academy of Cosmetic Dentistry, Academy of General Dentistry, Chicago Dental Society and Illinois Dental Association. Dr. Graham is a graduate of Emory Dental School. He is the former Dental Director of the University of Chicago's Department of Dentistry. He enjoys providing dental care at his private practice, University Dental Professionals, in Chicago, IL – Hyde Park.

Advancements in Direct Adhesive Dentistry

Full or half day lecture; hands-on workshop available

The foundation of this course is conservative dentistry for ALL ages and how this can be a solid cornerstone in everyone's practice. The general dentist today continues to be overwhelmed with today's options for direct restorative treatments. This course will present a full understanding on how and what materials to use in-order to create sensitive free long term successful posterior direct restorations. Emphasis will be driven to demonstrate recession proof techniques to create the "Value" in your practices.

- Eliminating the number one cause of sensitivity and how this adds to long term success: You will be surprised!
- The latest in self-etchants and total-etchants: Why BOTH are necessary in your practice.
- The latest on low stress composites and why they are different and why techniques are actually getting easier.
- Decay removal...new concepts that save you from seeing the red dot and how to restore from the bottom up!
- New thoughts on enamel and dentin replacement: What is best and why.
- Eliminating those immediate "White lines" and those recall "Brown lines".
- Step-by-step casework for Class I, II, and V with multiple approaches and different techniques.
- Geriatric dentistry: How to creatively treat these this ever-growing population



Dr. Edmond R. Hewlett

Dr. Edmond R. Hewlett received his DDS degree in 1980 and his certificate in Prosthodontics in 2003, both from UCLA School of Dentistry. Dr. Hewlett is a past Division Chair of Restorative Dentistry at UCLA, and currently serves as Vice-Chair of the Division. His teaching activities have included preclinical and clinical instruction in all aspects of restorative dentistry and postdoctoral seminars on adhesive restorative materials and dental photography. He has been honored for his teaching efforts, including the Instructor of the Year award from the Classes of 2000 and 2004. Dr. Hewlett's teaching has additionally been recognized with the 2004 National Dental Association/Colgate-Palmolive Faculty Recognition Award.

Dr. Hewlett's research efforts have been devoted to the areas of restorative dental materials and dental health services. His bibliography includes numerous scientific articles and abstracts in peer-reviewed journals, as well as two book chapters. He has presented over 200 lectures and courses on adhesive restorative dentistry materials and techniques both nationally and internationally. Dr. Hewlett has maintained a private practice in restorative and prosthetic dentistry at the UCLA Faculty Group Dental Practice.

STICK to the Basics! – The Secrets to Predictable Adhesive Dentistry

Full or half day lecture

Ever wonder why the same material or technique works for some patients but not for others? If so, you're not alone. Today's adhesive technology enables dentists to provide restorative care with minimal invasiveness and stunning esthetics, but the complexity of the materials and the clinical variables that affect their performance is often underappreciated. This presentation will provide attendees with a path through the hype to arrive at sound, practical, evidence-based tips for maximizing restorative predictability. Learn how to select materials according to specific patient factors, how to place posterior composites more efficiently while eliminating post-op sensitivity, and more!

Educational objectives:

- Understanding the fundamentals of resin adhesion to tooth structure and the commonly-encountered clinical variables which can produce sub-optimal adhesion.
- Reduced confusion when selecting from the vast array of adhesive dental materials.
- Improved clinical results through better understanding of material properties, interactions, and limitations.



Dr. Douglas L. Lambert

Douglas L. Lambert, DDS, FACD, FASDA, FASD, ABAD, graduated from the University of Minnesota Carlson School of Management in 1980 and the University of Minnesota School of Dentistry in 1984, where he received the Outstanding Senior Student Award and the Quintessence Award. He is a Fellow in the American College of Dentists, the Pierre Fauchard Academy, the Academy for Sports Dentistry, the American Society for Dental Aesthetics, and a Diplomate of the American Board of Aesthetic Dentistry. He has been recognized as one of the Top Educators by *Dentistry Today* for seven consecutive years, and has been honored as a Top Dentist by *Minneapolis/St. Paul and Minnesota Monthly* magazines the past several years. Dr. Lambert has held many societal positions in organized dentistry including Past President of the Minneapolis District Dental Society and Trustee to the Minnesota Dental Association, and is a delegate to the ADA. He has authored and co-authored several articles on cosmetic and esthetic topics, and has presented numerous lectures and hands-on seminars nationally and internationally for dental organizations, universities, and study clubs. He also serves as an independent consultant and clinical researcher for many dental manufacturers. Dr. Lambert is senior partner in an esthetic-based practice in Edina, MN, emphasizing cosmetic, comprehensive, and sports dentistry.

S.M.A.R.T. Dentistry for Your Practice (Simplified Methods and Restorative Techniques)

Half day lecture

The importance of being a savvy decision-maker in today's economic environment can make a big difference in both the day-to-day clinical efficiency of the practice and the overall success we desire for our patients. The implementing the concept of S.M.A.R.T. dentistry – Simplified Methods and Restorative Techniques – can offer many fundamentals in both technique and material selection for the dentist and the entire staff to meet or exceed these goals.

- How contemporary diagnosis methods and caries detection technology improve patient treatment
- Use of conservative philosophies and methods to prevent and restore
- Selection and use of today's resin-based materials – including the low shrink/low stress flowables and bulk fill
- The importance of bonding agents, bases and liners
- Meeting esthetic challenges with composites instead of more costly alternatives
- Single appointment fiber-reinforced direct composite bridges
- Predictable posterior composites for long term clinical success

Less is More: Practical Concepts for Changing Times

Half day lecture

Although we are living in topsy-turvy economic times, esthetics still remain one of the key driving forces in dentistry today. The renaissance in realizing the beauty of the human dentition is being driven by both patient and dentist alike, and, as a result, new restorative materials and techniques are constantly evolving. However, as the dental pendulum swings over the years, more conservative options continue to rise to the top. The experience of the dental team is critical as we define the options and guide the patient through the decision-making process.

- Conservation of Tooth Structure – “Less is More”
- Caries Detection – Yesterday, Today, and Tomorrow
- Use of Direct Restoratives - Composite Resins
- Minor Tooth Movement (MTM) and Vital Tooth Bleaching
- “No Prep” vs “Minimal Prep” Indirect Veneers and Shade Selection Technology

Recipe for Success with Direct Composites

Full or Half day lecture

Even in these changing economic times, patients are still seeking to achieve an esthetically-pleasing smile, and as the dental pendulum swings over the years, more conservative options, such as direct composites, continue to rise to the top. Specifically, composite resins offer the patient the most simple and cost-effective way to achieve an esthetic change in the mouth. Consequently, composites have reached widespread use within the dental community, but not without a learning curve along the way. This program will offer a "Recipe for Success" based on clinical fundamentals, coupled with the integration of current technologies and materials, to yield simple, reproducible, and efficient techniques for composite restorations.

- Use of unique matrices to make composites easier and predictable
- Low shrink/low strain composites
- Tight interproximal contacts every time in posterior composites
- Creating full resin veneers as nice as porcelain
- Bases and liners-glass ionomer, flowable, or?
- Maximizing the use of contemporary caries detection technology
- Bonding agents: Total-Etch or Self-Etch?
- Single appointment fiber-reinforced direct composite bridges
- Esthetic dilemmas: What would you do if this were your patient?

Smile Design: Something Old, Something New, Something Borrowed and Something RED

Half day lecture

What do we really need to consider prior to starting an aesthetic case? Is the Golden Proportion really “golden”? The elements of smile design are critical to starting the path toward a successful outcome for both the patient and the dental team, whether it be one tooth or an entire mouth. Yet the concept can many times seem daunting and confusing. Learn about the role which macro-aesthetics and micro-aesthetics, simple dental anatomy, color and shade selection, phonetics, material choices, and perio-aesthetics play in planning an esthetic change.

- Patient motivation to enhance a smile
- Key components of smile design
- Color and shade selection process – human or machine?
- Importance of photography
- The RED Proportion – a new standard for designing your esthetic case
- Communication: patient, lab, and yourself

Basic Solutions to Acidic Problems: Restoring the Bulimic/GERD/Soda Pop Erosion Patient with Direct Composites

Half day workshop

One of the most challenging situations we find in dentistry is restoring a patient's dentition which has been ravaged by acids in the mouth from multiple sources such as gastric reflux, soda pop, or bulimia. In this contemporary age of "minimally invasive" and "less is more" dentistry, direct composite resins offer the dentist a method to restore literally any portion of the mouth that is both conservative and cost-effective. Thanks to the do-diligence of the dental manufacturers, the improvements related to the properties of the materials, bonding agents, and light curing systems have elevated all of us in our ability to place a direct composite. This workshop will offer a "Recipe for Success" utilizing a unique matrix system and composite resins to restore an acid challenged patient, specifically teeth # 7-10 damaged due to bulimia/GERD.

- Using today's contemporary resins to restore unique cases
- Maximizing specialized matrices and instruments to create long-lasting results throughout the mouth
- Specific techniques for restoring patients with bulimia, GERD, or soda pop erosion using composites

Recipe for Success: Restoring Minimally Invasive Preps to Quadrants with Today's Resin Technology

Half day workshop

Direct composite resins offer the patient the most simple and cost-effective way to achieve an esthetic change in the mouth. Composites have reached widespread use within the dental community, but not without a learning curve along the way. This workshop will offer a "Recipe for Success" based on clinical fundamentals, coupled with the integration of current technologies and materials, to yield simple, reproducible, and efficient techniques for composite restorations. The participants will gain practical knowledge and able to transfer the techniques learned to their daily practices.

- Use of unique matrices for composites
- How to utilize caries detection technology
- Achieving predictable tight interproximal contacts in posterior resins
- Discovering the "Best Kept Secret" in composite dentistry
- Maximizing the use of flowable resins – including new low stress flowables
- Managing shrinkage and sensitivity in composites
- Total-Etch vs. Self-Etch
- Streamlining your finishing and polishing protocol



Dr. Jamiee Morgan and Dr. Stan Presley

Doctors Morgan and Presley are an impressive team. Their lectures have spanned the globe including Europe, South America, Asia and Australia and they regularly contribute articles to dental periodicals and journals on cosmetic dental techniques for the general practice. Dr. Morgan received her dental degree from the University of Texas Health Science Center at San Antonio and Dr. Presley received his dental degree from Baylor College of Dentistry. Both Doctors served as founding members of the South Texas Chapter of the American Academy of Cosmetic Dentistry, where Dr. Presley served as secretary and vice-president. Dr. Morgan also served on the Board of Directors of the American Orthodontic Society. Doctors Morgan and Presley share a love of conservative esthetic restoration which led to their partnered creation of the Simplified Layering Technique for composites. Together they practice orthodontics, cosmetic and restorative dentistry in Salt Lake City, Utah.

The Simplified Layering Technique for Direct Placed Composite Resin Restorations

Full or half day lecture; hands-on workshop available

This course teaches a simplified layering technique developed by the speakers to remove the confusion that has been associated with direct bonding. The new technique can be used with any modern micro hybrid resin system. The participants will be able to take the new information from the hands-on projects and implement this practical application immediately into their practice. The protocol of tooth whitening, gingival recontouring, diagnostic wax-up and direct bonding using a restorative stent will be discussed. Cases will include restoration of peg lateral incisors, diastema closures, resin veneers and Class IV fracture repairs.



Dr. Stephen D. Poss

Dr. Poss graduated from the University of Tennessee College of Dentistry in 1983. He has directed numerous live patient continuums at various teaching institutions emphasizing anterior and posterior esthetic dentistry since 1995. Dr. Poss is currently active in instructing at The Center for Exceptional Practices in Cleveland, Ohio. He is also on the editorial team of the **REALITY** publishing.

Dr. Poss lectures internationally on esthetic dentistry and TMD. He is an active consultant to several dental manufacturers in the area of new product development and refinement. He has had numerous articles published in most of the leading dental journals. He maintains a cosmetic oriented restorative practice in Brentwood, TN. beautifulsmiles@earthlink.net • www.DrPossSmiles.com

Advanced Anterior Esthetics

Full or half day lecture; hands-on workshop available

- Understanding all aspects of adhesive dentistry and how it is applied to today's dental practice
- Polychromatic layering of dental composites and aesthetics it can create
- Cementation selection of various dental ceramics to achieve success
- Smiles design and ideal preparation

Advanced Posterior Esthetics

Full or half day lecture; hands-on workshop available

- Updates in the latest in adhesive technology contrasting total-etch versus self-etch techniques
- Dental composites and the ideal layering, preparation and placement of these restorations
- Dental laboratory restorations and the latest in proper cementation techniques

Transitioning to the Esthetic-based Practice

Full or half day lecture

- An overview of all aspect and indications for adhesive dentistry
- Discussion of the latest in direct and indirect restorative restorations and how to place them
- How to grow your practice through website optimization, Facebook, Twitter and blogs



Dr. Gary Radz

Dr. Gary Radz maintains a private practice, Cosmetic Dentistry of Colorado, in downtown Denver. His full time practice focuses on esthetic dentistry. Dr. Radz is a graduate and former chief resident of both AEGD and GPR residency programs. He has completed and been an associate instructor for several post-graduate dental education institutions. Since 2004 he has been an Associate Clinical Professor at the University of Colorado School Of Dental Medicine. For the past 15 years Dr. Radz has lectured internationally, teaching the materials, techniques, and equipment used in esthetic dentistry. He has published over 150 articles related to cosmetic dentistry. Dr. Radz serves on the editorial board of seven different dental journals, including the *Journal of Cosmetic Dentistry*. He was editor-in-chief of *Aesthetics and Mentor*. From 2004-2011, he has been listed in *Dentistry Today's* "Top Clinician's in Continuing Education". Dr. Radz served for 10 years as a clinical evaluator for **REALITY** and is a clinical consultant to numerous dental manufactures and laboratories. His photography has been published on the cover of five different dental journals. Dr. Radz has provided photography for educational and promotional purposes to dental manufacturers and laboratories.

Creating a Cosmetic Practice within Your General Practice

Full day lecture

- Discuss the materials and techniques used in composite and porcelain to create lifelike restorations
- Discuss and review the materials and techniques used to help patients predictably improve their smiles
- Discover how to use your own patients and your own digital photography to develop and increase the amount of elective dentistry you can provide

Elective Cosmetic Dentistry for Adolescents and Young Adults

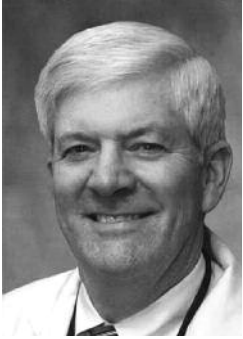
Full or half day lecture

- Discover and discuss the many conservative, minimally invasive treatment options to help young patients improve their smiles
- Review diagnosis and treatment planning for a younger patient
- Discuss the materials and techniques used to provide conservative, elective care

Creating Natural Vitality Using Direct Resins

Full or half day lecture; hands-on workshop available

- Review of case selection and materials for direct bonding
- Discuss the concept of layering to create a dynamic and vital looking restoration
- Use case studies to demonstrate the materials and techniques used in elective and non-elective dentistry



Dr. Daniel H. Ward

Dr. Daniel H. Ward is an Assistant Clinical Professor at The Ohio State University and in private practice in Columbus, OH. He is a fellow in the American College of Dentists, fellow of the American Society for Dental Aesthetics, fellow in the Pierre Fauchard Academy, and a fellow in the Academy of General Dentistry. Dr. Ward serves as editor of the *ASDA Journal*. He has published articles in numerous peer-reviewed journals and authored the "Test Yourself" columns published in *Esthetic Dentistry Update*. Dr. Ward has lectured nationally as well as internationally and has been invited to present to the annual meetings of the Academy of General Dentistry, the American Society for Dental Aesthetics, the American Academy of Cosmetic Dentistry as well as various international Congress meetings. Dr. Ward has published about smile design, posterior composites, and digital dental photography. He has developed an innovative computerized method of smile design called the RED Proportion. An innovative pioneer, Dr. Ward combines theory with practical real world experience.

Selecting and Mastering Materials for Today's Economic Environment

Half-day lecture; half-day hands-on workshop available

In today's economy the demand for direct restorations has dramatically increased. Patients are demanding options which are more affordable, yet esthetic. Many new tooth-colored restorative materials have been designed for optimized physical and optical qualities. However, no single material universally satisfies the needs of our patients. The astute clinician must be knowledgeable about all the available materials when treatment planning and understand the techniques necessary to produce consistent results. This course is an excellent way to update your treatment skills and increase your skills in placing direct tooth-colored restorations.

Learning Objectives:

- Learn how to place comfortable tooth-colored restorations
- Develop the skills to achieve predictable, reliable Class II interproximal contacts
- Understand the rationale for selecting Class V restorative materials
- Manage patients with rampant decay
- Become acquainted with the many types of direct tooth-colored restorations



Dr. Corky Willhite

Dr. Corky Willhite has achieved Fellowship by the Academy of General Dentistry, the American College of Dentists and the American Academy of Cosmetic Dentistry. He has served on the AACD Board of Governors (currently the American Board of Cosmetic Dentistry) and spent years as an Examiner for Accreditation. He is an Adjunct Assistant Clinical Professor in the Department of Comprehensive Dentistry and Biomaterials at L.S.U. School of Dentistry. He is on the faculty of the Center for Esthetic Excellence in Chicago and post-graduate esthetics programs at Eastman Dental Center and the University of Minnesota. He is recognized internationally and nationally for his cosmetic restorative lectures and articles. His private practice in New Orleans is limited to Cosmetic Dentistry. His experience is based on a dedication to the belief that “excellence” and “esthetics” are not only compatible, but can take dentistry to a new level of satisfaction and success.

Transitional vs. Traditional: Innovation in Composite Bonding

Full or half day lecture; hands-on workshop available

- Learn a practical yet profitable technique that costs patients less and requires virtually no tooth reduction
- How to build anterior guidance with composite – even for severe wear cases and non-compliant bruxers
- Understand why porcelain isn’t always the best option, especially for major cases

Freehand Composite Bonding: The “Structure” Course

Full day lecture

- Treatment planning: quickly determine the “best smile possible” for each patient
- Learn how to open VDO and build anterior guidance for esthetics and function
- Major smile makeovers with virtually no prep: super-conservative transitional bonding

Table of Contents

Alan M. Atlas	29
Alan A. Boghosian	31
Lou Graham	33
Douglas L. Lambert	35
David A. Little	37
Stephen D. Poss	39
Gary Radz	41
Jose-Luis Ruiz	43

These doctors are not on our payroll but are independent clinicians with whom we have good relationships. Due to varying levels of honorarium, please contact the DENTSPLY Caulk Clinical Education Department for details regarding cosponsorship.



Dr. Alan M. Atlas

Dr. Alan M. Atlas received his DMD 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, Director of Implant Dentistry and a Primary Care Unit Group Leader in the Department of Preventive and Restorative Sciences. In addition, he is actively involved in the development and integration of clinical research studies for implants, CAD-CAM ceramics and dental materials at Penn. He holds membership in the Academy of Osseointegration, Omicron Kappa Upsilon National Dental Honor Society and the International Association for Dental Research. He is a 2006 recipient of the Penn Dental Medicine Alumni Award of Merit. Presently, Dr. Atlas is an internationally recognized lecturer focused on applying scientific based protocols to clinical dentistry. He lectures extensively and publishes 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, PA.

Enhancing the Esthetics and Function of All-Ceramic Restorations: Treatment Planning the Materials, Techniques and Procedures for Optimal Clinical Success

Full or half day lecture; hands-on workshop available

There are key fundamental concepts that will determine the success of anterior and posterior indirect esthetic restorations. This course will demonstrate with a hands-on practicum step by step concise restorative treatment planning guidelines that fulfill today's esthetic demands and integrates current restorative materials and protocols. Procedures and techniques for esthetic and functional success with ceramic materials will be reviewed based on the most current scientific evidence.

- Utilize proper treatment planning concepts for anterior and posterior esthetic ceramic restorations
- Describe scientific based indications and treatment planning strategies for selection and placement of post systems, luting cements and core materials
- Describe step by step preparation techniques for all ceramic crowns, inlays and onlays
- Utilize predictable impression techniques, simplified retraction and hemostasis
- Describe simplified time saving provisionalization for indirect restorations
- Describe and compare conventional all-ceramic (stacked and pressed) and CAD-CAM technologies
- Describe differences between Lithium Disilicate and Zirconium systems
- Describe cementation criteria utilizing materials, adhesives and techniques for each substrate
- Utilize simple and predictable smile design methods for proper treatment planning of anterior restorations

Hands-on workshop

Each participant will prepare, impress, temporize and cement indirect restorations.

- Step-by-step protocols for preparation of all ceramic anterior and posterior restorations utilizing specific diamonds for precise margins
- Cordless retraction methods
- Simplified impression techniques
- Provisionalization – fabricate precise temporary crowns in 5 minutes
- Cementation – selection and utilization of proper cements for each clinical situation and differing substrates
- Indirect impression technique for Cast Post and Core

Mastering the Indirect Anterior and Posterior Esthetic Restoration

Half day lecture

- Utilize proper treatment planning concepts for anterior and posterior esthetic ceramic restorations
- Describe scientific based indications and treatment planning strategies for the restoration of endodontically treated teeth
- Describe the selection and placement of direct and indirect post and core systems, luting cements and core materials
- Describe step by step preparation techniques for all ceramic crowns, inlays and onlays
- Utilize predictable impression techniques simplified retraction and hemostasis
- Describe simplified provisionalization for indirect restorations
- Describe and compare conventional all-ceramic (stacked and pressed) and CAD-CAM technologies
- Describe differences between Lithium Disilicate and Zirconium systems
- Describe cementation criteria utilizing materials, adhesives and techniques for each substrate
- Utilize simple and predictable smile design methods for proper treatment planning of anterior restorations including porcelain laminate veneers



Dr. Alan A. Boghosian

Dr. Alan A. Boghosian is an Clinical Associate Professor in the Department of Otolaryngology-Head and Neck Surgery, Division of Dentistry at Northwestern University's Feinberg School of Medicine where he coordinates laboratory and clinical research investigations. Dr. Boghosian maintains a private practice in downtown Chicago devoted primarily to restorative dentistry. He has authored numerous publications and has lectured internationally on the subjects of dental materials and restorative procedures. Dr. Boghosian is a member of the International Association of Dental Research and a Fellow in the American College of Dentists and Academy of Dental Materials. In 1996 he was the recipient of the Gordon J. Christensen Recognition Lecturer Award of the Chicago Dental Society. Dr. Boghosian is a media spokesperson for the American Dental Association. He formerly was chairman of the working group on materials, instruments and equipment of the Council on Scientific Affairs of the American Dental Association and currently serves as a consultant to the council.

Classic versus Contemporary Dental Materials and Clinical Techniques

Full day lecture

New materials and techniques are introduced on a daily basis. Many modalities exist today that were not deemed possible a decade ago as a result of new discoveries. However, the clinical performances of some contemporary materials offered today are not as efficacious as those released 10 years ago. This presentation will compare the advantages and benefits of proven classic materials and techniques to that of the latest products. The morning session will review a variety of the materials and techniques used in fixed prosthodontic procedures. Adhesion, composite restorative dentistry, and biomimetic materials will be the focus of the afternoon program. The following topics are among those to be discussed:

- Latest improvements in impression materials
- Physical properties relating to the clinical usage of impression materials
- Altering the surface characteristics to achieve consistent, perfect impressions
- Provisional material selection
- Predictable methods for tissue management
- Review of adhesive systems and adhesive restorable materials
- Optimal methods for finishing and polishing composite materials
- Results of clinical research conducted at Northwestern University
- Calcium Phosphate biomimetic materials

Dental Materials and Clinical Techniques Used in Fixed Prosthodontics

Half day lecture

Predictable results can be easily attained in crown and bridge procedures if the practitioner has an understanding of fundamental dental material concepts and clinical techniques. While the introduction of new materials has simplified the restorative process, achieving a successful result is still very dependent upon clinical technique. This presentation will review all aspects of the materials and techniques used in crown and bridge procedures. The following topics are among those to be discussed:

- Latest improvements in impression materials
- Modifying the surface characteristics to achieve consistent perfect impressions
- Provisional material selection
- Predictable methods for tissue management
- Tray selection
- Restoration of the endodontically treated tooth



Dr. Lou Graham

Dr. Graham is an internationally recognized lecturer extensively involved in continuing education for dental professionals, focusing on incorporating current clinical advancements through "conservative dentistry." He emphasizes in his teachings the same things he practices: dental health diagnosis, treatment plans for medically compromised patients, conservative treatment, cosmetic dentistry, and customized approaches to periodontal care, implants and laser dentistry. He is the founder of Dental Team Concepts a continuing education company whose philosophy and programs use contemporary, interactive formats to integrate time-proven conservative dentistry with 21st century materials and techniques. Dr. Graham is a published author in many leading national and international dental journals. He is a member of the American Dental Association, American Academy of Cosmetic Dentistry, Academy of General Dentistry, Chicago Dental Society and Illinois Dental Association. Dr. Graham is a graduate of Emory Dental School. He is the former Dental Director of the University of Chicago's Department of Dentistry. He enjoys providing dental care at his private practice, University Dental Professionals, in Chicago, IL – Hyde Park.

Advancements in Indirect Adhesive Dentistry

Full day lecture

The advancements in fixed prosthetics continue to advance at lighting speeds. Gone are the days of traditional PFM's and Gold (unfortunately) and now we have fantastic options in ALL-CERAMIC restorations that truly maximize strength and esthetics for our patients. Understanding these materials allows us to treatment plan every patient and every preparation individually on what is best for the long term. This one day course will present to the general dentist a step-by-step approach to diagnosis and treatment for their patients.

- Understanding: EMAX, All Zirconia Restorations, Porcelain Restorations: the pros and cons to each
- How preparations vary and why one is far more conservative
- Maximizing your impressions: techniques in both traditional and digital and how to avoid the pitfalls that are SO common to our daily practice
- The latest in temporization and why the materials have made it so much faster and easier, along with the latest on the next generation of temporary cements
- Cementation: the very latest on techniques, options, primers, silane, bonding agents, RMGI's, and more!
- Casework includes how and when to do onlays, single units, quadrants and delivering beautiful smiles everyone can do.
- How soft tissue can make or break a case with emphasis on lasers, socket grafting and temporization approaches to your most demanding patients.



Dr. Douglas L. Lambert

Douglas L. Lambert, DDS, FACD, FASDA, FASD, ABAD, graduated from the University of Minnesota Carlson School of Management in 1980 and the University of Minnesota School of Dentistry in 1984, where he received the Outstanding Senior Student Award and the Quintessence Award. He is a Fellow in the American College of Dentists, the Pierre Fauchard Academy, the Academy for Sports Dentistry, the American Society for Dental Aesthetics, and a Diplomate of the American Board of Aesthetic Dentistry. He has been recognized as one of the Top Educators by *Dentistry Today* for seven consecutive years, and has been honored as a Top Dentist by *Minneapolis/St. Paul and Minnesota Monthly* magazines the past several years. Dr. Lambert has held many societal positions in organized dentistry including Past President of the Minneapolis District Dental Society and Trustee to the Minnesota Dental Association, and is a delegate to the ADA. He has authored and co-authored several articles on cosmetic and esthetic topics, and has presented numerous lectures and hands-on seminars nationally and internationally for dental organizations, universities, and study clubs. He also serves as an independent consultant and clinical researcher for many dental manufacturers. Dr. Lambert is senior partner in an esthetic-based practice in Edina, MN, emphasizing cosmetic, comprehensive, and sports dentistry.

Smile Design: Something Old, Something New, Something Borrowed, and Something RED?

Half day lecture

What do we really need to consider prior to starting an aesthetic case? Is the Golden Proportion really “golden”? The elements of smile design are critical to starting the path toward a successful outcome for both the patient and the dental team, whether it be one tooth or an entire mouth. Yet, the concept can many times seem daunting and confusing. Learn about the role which macro-esthetics and micro-esthetics, simple dental anatomy, color and shade selection, phonetics, material choices, and perio-esthetics play in planning an esthetic change.

- Patient motivation to enhance a smile
- Key components of smile design
- Color and shade selection process – human or machine?
- Importance of photography
- The RED Proportion – A New Standard for Designing Your Esthetic Case
- Communication: patient, lab, and yourself

Addition by Subtraction: Conservative Preparation Workshop for Porcelain Veneers

Half day workshop

Esthetics is one of the key driving forces in dentistry today. A renaissance in realizing the beauty of the human dentition is being driven by both patient and dentist alike, and, to this end, new restorative materials and techniques are constantly evolving. This is especially true when considering the use of porcelain laminate veneers as part of an aesthetic change for a patient. One of the key factors, yet many times overlooked, in the successful porcelain veneer case is proper conservative tooth preparation. This workshop will guide you through a unique technique for planning, prepping, and temporizing a case with misaligned teeth using pre-preparation temporaries

- Importance of aesthetic pre-contouring
- Use of aesthetic pre-preparation temporaries
- Conservative preparation design for porcelain veneers
- Impressioning techniques and fabrication of post-preparation temporaries
- Bonding agents and luting resins for cementation



Dr. David A. Little

Dr. David Little is an accomplished national and international speaker, Professor, author and Researcher. A graduate of The University of Texas Health Science Center at San Antonio, he approached dentistry with a vision for merging conservatism and progressiveness in a practice that focused on total patient care through a team concept. Dr. Little's private practice in San Antonio includes a multidiscipline state-of-the-art facility. In addition, Dr. Little serves as an adjunct clinical professor at the UTHSCSA dental school and serves on several editorial boards. He is a fellow in the International and American Colleges of Dentistry and the AADFE. He is also a member of the ADA, AGD, and the AACD. All of his programs unite clinical advancements and technology, including practice management for simple implementation into private practice. His passion for dentistry and his enthusiasm for the team concept specifically enliven and motivate all who hear him.

Possibilities in Dentistry: Cosmetic, Restorative, Implant Dentistry and How to Implement Them into Your Practice

Full day or half day lecture

With more than 25 years of successful practice management experience, Dr. Little provides invaluable insight into successful private practice leadership methodology. Through the use of multimedia, computer generated morphing, unenhanced digitized photographs and cutting-edge profiles of materials, Dr. Little will not only take the participant to a higher level of technical knowledge, he will excite and motivate the dentist and team to achieve a new standard of care. A review of systems and treatment options will be offered, including techniques that can be implemented immediately. Esthetic restorative material and techniques will be presented. Cases will be discussed involving detailed impression taking, wax-up requirements, preparation protocol, provisionalization, laboratory communications, and simplified cementation recommendations. An overview of successful strategies for integrating the latest technologies will be addressed.

- Diagnosis and treatment planning: which restoration? when? why?
- Learn preparation design for today's esthetic materials
- Learn detailed tissue management, impression techniques (including digital scans and lasers) and provisionalization techniques
- Improve skills at direct restorations and cementation techniques
- Innovative techniques for case presentation

Implant Dentistry for the General Practitioner

Full day or half day lecture

With the popularity of dental implants on the rise, this course equips clinicians with practical knowledge about the tools required to successfully incorporate implant services into the general practice, whether for single tooth restorations or the fully edentulous case. Topics include how to identify implant cases, methods for gaining patient acceptance for implant procedures, and establishing an action plan for incorporating implants into the practice. Participants will examine how to utilize new technologies, such as CT scans, planning software, and state-of-the-art restorative materials, to deliver esthetic and predictable restorations, as well as how to perform abutment level and fixture level implant impression techniques. Additionally, attendees also receive instruction in immediate provisionalization and final prosthesis delivery.

- Formulate a blue-print to integrate implant services into a general practice and incorporate proven techniques to gain patient acceptance
- Diagnose and treatment plan cases using advanced technologies, whether for single tooth or full arch cases
- Discuss proper impression techniques and viscosities to achieve a perfect implant impression. Provisional materials and techniques are also reviewed.
- Outline the proper protocol for achieving predictable implant restorations



Dr. Stephen D. Poss

Dr. Poss graduated from the University of Tennessee College of Dentistry in 1983. He has directed numerous live patient continuums at various teaching institutions emphasizing anterior and posterior esthetic dentistry since 1995. Dr. Poss is currently active in instructing at The Center for Exceptional Practices in Cleveland, Ohio. He is also on the editorial team of the **REALITY** publishing.

Dr. Poss lectures internationally on esthetic dentistry and TMD. He is an active consultant to several dental manufacturers in the area of new product development and refinement. He has had numerous articles published in most of the leading dental journals. He maintains a cosmetic oriented restorative practice in Brentwood, TN. beautifulsmiles@earthlink.net • www.DrPossSmiles.com

Advanced Anterior Esthetics

Full or half day lecture; Hands-on workshop available

- Understanding all aspects of adhesive dentistry and how it is applied to today's dental practice
- Polychromatic layering of dental composites and aesthetics it can create
- Cementation selection of various dental ceramics to achieve success
- Smiles design and ideal preparation

Advanced Posterior Esthetics

Full or half day lecture; hands-on workshop

- Updates in the latest in adhesive technology contrasting total-etch versus self-etch techniques
- Dental composites and the ideal layering, preparation and placement of these restorations
- Dental laboratory restorations and the latest in proper cementation techniques

Transitioning to the Esthetic-based Practice

Full or half day lecture

- An overview of all aspect and indications for adhesive dentistry
- Discussion of the latest in direct and indirect restorative restorations and how to place them
- How to grow your practice through website optimization, Facebook, Twitter and blogs

Successful Outcome of Anterior Restorations When Considering TMJ and Sleep Apnea

Half-day lecture

- The latest in dental materials and techniques of porcelain restorations
- Contraindications for anterior esthetic restorations
- Understanding sleep apnea and night bruxism how it can affect your esthetic restorations



Dr. Gary Radz

Dr. Gary Radz maintains a private practice, Cosmetic Dentistry of Colorado, in downtown Denver. His full time practice focuses on esthetic dentistry. Dr. Radz is a graduate and former chief resident of both AEGD and GPR residency programs. He has completed and been an associate instructor for several post-graduate dental education institutions. Since 2004 he has been an Associate Clinical Professor at the University of Colorado School Of Dental Medicine.

For the past 15 years Dr. Radz has lectured internationally, teaching the materials, techniques, and equipment used in esthetic dentistry. He has published over 150 articles related to cosmetic dentistry. Dr. Radz serves on the editorial board of seven different dental journals, including the *Journal of Cosmetic Dentistry*. He was editor-in-chief of *Aesthetics and Mentor*. From 2004-2011, he has been listed in *Dentistry Today's* "Top Clinician's in Continuing Education".

Dr. Radz served for 10 years as a clinical evaluator for **REALITY** and is a clinical consultant to numerous dental manufactures and laboratories. His photography has been published on the cover of five different dental journals. Dr. Radz has provided photography for educational and promotional purposes to dental manufacturers and laboratories.

Creating a Cosmetic Practice within Your General Practice

Full day lecture

- Discuss the materials and techniques used in composite and porcelain to create lifelike restorations
- Discuss and review the materials and techniques used to help patients predictably improve their smiles
- Discover how to use your own patients and your own digital photography to develop and increase the amount of elective dentistry you can provide

Elective Cosmetic Dentistry for Adolescents and Young Adults

Full or half day lecture

- Discover and discuss the many conservative, minimally invasive treatment options to help young patients improve their smiles
- Review diagnosis and treatment planning for a younger patient
- Discuss the materials and techniques used to provide conservative, elective care

Porcelain Veneers: Beautiful, Practical, and Predictable

Full or half day lecture; hands-on workshop available

- Review of the materials and techniques that can be used for veneer restorations
- Discuss the benefits of a conservative veneer design
- Review of smile design, lab communication, and photography to maximize the final result
- Discuss both internal and external marketing techniques to increase the amount of cosmetic dentistry you do in your office

Prepress Veneers: Myths, Controversies, and Concepts

Half day lecture

- Discuss the potential uses of “prepress” veneers
- Discuss the misconceptions and realities of “prepress” veneers
- Review the materials and techniques associated with “prepress” veneers
- Compare and contrast “prepress” veneers with conventional veneer concepts



Dr. Jose-Luis Ruiz

Dr. Ruiz has been named as one of the “Top Clinicians in CE in 2006-2009 in the US” by *Dentistry Today*. He is the Director of the Los Angeles Institute of Esthetic Dentistry and Director of the “University of Southern California’s Esthetic Dentistry Continuum” from 2004-2009. He is also an Associate Instructor at Dr. Gordon Christensen’s PCC in Utah and an independent evaluator for *CRA*.

Dr. Ruiz has been practicing in the studio district of Los Angeles for over 18 years and enjoys a clientele of many stars and entertainers. His focus is on treating complex cosmetic, rehabilitation, and implant cases. Dr. Ruiz has made numerous television appearances highlighting his esthetic dental makeovers, including NBC Channel 4 News, ABC’s *Vista La* and Channel 52’s *Telemundo*. He lectures nationally and internationally and has published many research and clinical articles on esthetic and adhesive dentistry.

Porcelain Veneers: How to Achieve Predictable Adhesion, Excellent Esthetic Outcome, Patient Satisfaction and Longevity

Full or half day lecture; hands-on workshop available

- Understand how proper diagnosis and smile design dictates proper tooth preparation and restorative material selection
- Learn techniques and material for predictable and easy bonded cementation of veneers
- Easy predictable techniques and materials for impressions and temporization

A New Paradigm in Dentistry...Excellence with Metal-free Posterior Indirect Onlays, Full Crowns and Fixed Prosthesis

Full or half day lecture; hands-on workshop available

- Explain the many benefits of metal-free inlays, onlays and full crowns
- Distinguish between inlays, onlays, or all porcelain crown systems and identify which one works best under a particular circumstance
- Describe sensitive free and easy cementation techniques