RECOMMENDED ATTIRE
All educational sessions will be business/resort casual – ties and sport coats are discouraged. Meeting rooms tend to be cool, so please dress accordingly during the day. Casual beach attire is requested for the President’s Welcome Reception and the closing dinner is black tie optional.

ADA CERP® Continuing Education Recognition Program
The American Academy of Esthetic Dentistry is an ADA CERP Recognized Provider. ADA CERP is a service of the American Dental Association to assist dental professionals in identifying quality providers of continuing dental education. ADA CERP does not approve or endorse individual courses or instructors, nor does it imply acceptance of credit hours by boards of dentistry.

AAED designates this activity for 13 continuing education credits.

Concerns or complaints about a CE provider may be directed to the provider or to ADA CERP at www.ada.org/goto/cerp.

All educational presentations will be delivered in a lecture style with a Q&A period.

VERIFICATION OF PARTICIPATION FORMS
To obtain your verification of participation forms for participation in the AAED 37th Annual Meeting, a conference evaluation and attendance form must be completed. These forms can be found in your conference registration materials. Extras are available in the registration area (Ritz-Carlton Ballroom Foyer). AAED will mail the verification of participation forms after the conference.
AMERICAN ACADEMY OF ESTHETIC DENTISTRY MISSION

To promote the integration of dental esthetics into the total spectrum of oral health care and provide a leadership role for the profession by defining the highest interdisciplinary clinical, scientific, artistic and ethical standards through research, publications and educational presentations.

2012 ANNUAL MEETING GOALS

❖ Highlight evidence-based methods for achieving excellence in esthetic and restorative dentistry
❖ Provide interdisciplinary education and advance knowledge in esthetic, endodontic, prosthodontic, periodontic, orthodontic, surgical and materials aspects of restorative dentistry
❖ Highlight in-depth knowledge in materials selection and ethical considerations in esthetic and restorative dentistry
❖ Create an environment for networking and professional interaction among participants
PRESIDENT’S WELCOME

It is my distinct pleasure to welcome you to beautiful Naples, Florida. I’m delighted to see our members and guests here to join us at the luxurious Ritz-Carlton, Naples, as we celebrate the 37th anniversary of the American Academy of Esthetic Dentistry.

Our Annual Meetings have a long history of excellence and this year’s event promises to exceed expectations once again. Program Chair Dr. Jacinthe Paquette has brought together an outstanding line-up of world class speakers for the educational program. Our local arrangements chairs, Dr. Dennis Tarnow and his wife Karen, Dr. Cary Goldstein and wife Jody and my wonderful wife, Sinaia, have worked tirelessly to ensure that the resort and the evening social events will exceed your expectations. I’m enormously thankful to the program and local arrangements committees.

I want to extend our sincere gratitude to our sponsors, whose commitment to the esthetic dentistry community at large and our academy in particular, has helped make this event possible. It is through their continued generosity that we are able to provide quality educational programs, thereby sharing our mission with the entire dental profession.

I am positive that you will enjoy the social events that have been planned for you this week. Besides the daily learning, it will be a time for us to come together to enjoy ourselves with old friends, meet new friends and relax with our friends and families. Both the educational and networking opportunities taking place during this meeting enhance our roles as “ambassadors of information” – allowing us to share our collective expertise from our practices, our research and our academic endeavors around the world.

The American Academy of Esthetic Dentistry remains committed to providing a leadership role at the forefront of the dental community. I am confident you will leave Naples feeling newly energized, inspired and enriched from our activities over the next few days!

Dan Nathanson, DMD, MSD

37TH ANNUAL MEETING COMMITTEE

AAED expresses sincere gratitude to the entire AAED 37th Annual Meeting Committee for their hard work and dedication to this event over the past year.

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*The newly created business will actively market and sell products as DENTSPLY Implants beginning with North America, effective April 2012. Transition to the new business in all other geographic locations around the globe will follow.
6TH ANNUAL SILENT AUCTION

We are excited to announce that AAED is hosting our 6th Annual Silent Auction at this year’s Annual Meeting. Serving as a mechanism for raising funds to benefit AAED’s educational activities, we encourage everyone to participate and help us make this event a great success.

Auction items will be displayed over the course of the meeting, allowing attendees to view the items and place their bids. The successful auction recipients will be announced during the closing dinner Friday evening. Auction items include vacation packages, artwork and photographs, wine collections, golf outings and numerous educational programs.

Your support of this event will allow AAED to enhance our educational programming endeavors!
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TUESDAY, AUGUST 7, 2012

8:30am  Golf Outing – Tiburón Course at The Ritz-Carlton, Naples Golf Resort

Tennis Tournament – The Ritz-Carlton, Naples Beach Resort

4:00 – 5:00pm  JERD Editorial Board Meeting – Park Shore

4:00 – 8:00pm  Registration Open – The Ritz-Carlton Ballroom Foyer

8:30 – 10:30pm  Evening Dessert Welcome Reception – Poolside

WEDNESDAY, AUGUST 8, 2012

7:00am – 1:00pm  Registration Open – The Ritz-Carlton Ballroom Foyer

7:00 – 8:00am  Continental Breakfast – The Ritz-Carlton Ballroom III & IV

8:00 – 10:30am  Spouse/Companion Breakfast – Artisans

AFTERNOON  Open Afternoon

7:00 – 10:00pm  President’s Opening Reception – Center Court

Wednesday: Day One Scientific Program – Vanderbilt Ballroom
Moderator: Abraham Ingber, DDS

8:00 – 8:20am  Opening Remarks
Dan Nathanson, DMD, MSD & Jacinthe Paquette, DDS

8:20 – 9:10am  Success Factors in Restorations of Teeth and Implants in the Aesthetic Zone
Prof. Nitzan Bichacho, DMD

9:10 – 9:35am  Charting the Course of Gingival Nano-Esthetics: Principles, Techniques and Outcomes
Adriana McGregor, DDS

9:35 – 10:00am  Zirconia: A New Esthetic Reality
Michael Moscovitch, DDS

10:00 – 10:30am  Surgical and Prosthetic Details to Optimize the Esthetic Outcome
Andrea Ricci, DMD

10:30 – 11:00am  Networking Coffee Break

Moderator: Lisa B. Emirzian, DMD

11:00 – 11:20am  Successful Use of Dental Root Form Implants
Gordon Christensen, DDS, MSD, PhD

11:20am – 12:05pm  Selecting an Adhesive – A Matter of Philosophy or Indication?
Claus Peter Ernst, Prof. Dr. Med. Dent.

12:05 – 12:50pm  Immediate Loading and Final Esthetic Outcome: A Powerful Synergy
Marco Degidi, MD, DDS

12:50 – 1:00pm  Question and Answer Session; Closing Remarks

1:00pm  Session Adjourns

THURSDAY, AUGUST 9, 2012

7:00am – 1:00pm  Registration Open – The Ritz-Carlton Ballroom Foyer

7:00 – 8:00am  Continental Breakfast – The Ritz-Carlton Ballroom III & IV

8:00 – 10:30am  Spouse/Companion Breakfast – Artisans

1:00pm  AAED Member Business Meeting – Artisans

AFTERNOON  Open Afternoon

EVENING  Open Evening

Thursday: Day Two Scientific Program – Vanderbilt Ballroom
Moderator: Mark Hochman, DDS

8:00 – 8:10am  Opening Remarks
Jacinthe Paquette, DDS

8:10 – 9:00am  Key Factors for Sustainable Mucosal Integration of Implants in the Esthetic Zone
Bernard Touati, DDS, DSO
9:00 – 9:25am  Predictable Surgical Augmentation of the Interdental Papilla  
Peter Nordland, DMD, MS

9:25 – 9:50am  Color in Esthetics – Education and Training Resources  
Rade Paravina, DDS, MS, PhD

9:50 – 10:15am  Active Diagnostics: Preplanning for Restorative and Esthetic Success  
Neil Starr, DDS

10:15 – 10:45am  Networking Coffee Break

**Moderator: Matt Roberts, CDT**

10:45 – 11:15am  Integration of Esthetic Dentistry in Routine and Complex Prosthodontics  
Kenneth Malament, DDS, MScD

11:15 – 11:40am  Contemporary Esthetic Alternatives for Edentulous Patients  
George Priest, DMD

11:40am – 12:40pm  Excellence in Dental Esthetics: New Trends and Materials in Esthetic Implantology  
Luc Rutten, MDT and Patrick Rutten, MDT

12:40 – 1:00pm  Question and Answer Session; Closing Remarks

1:00pm  Session Adjourns

**FRIDAY, AUGUST 10, 2012**

7:00am – 1:00pm  Registration Open – The Ritz-Carlton Ballroom Foyer

7:00 – 8:00am  Continental Breakfast – The Ritz-Carlton Ballroom III & IV

8:00 – 10:30am  Spouse/Companion Breakfast – Artisans

AFTERNOON  Open Afternoon

6:30 – 7:00pm  Reception – The Ritz-Carlton Ballroom Foyer

7:00 – 10:30pm  Closing Dinner – The Ritz-Carlton Ballroom

Friday: Day Three Scientific Program – Vanderbilt Ballroom  
**Moderator: Theodore Croll, DDS**

8:00 – 8:10am  Opening Remarks  
Jacinthe Paquette, DDS

8:10 – 9:00am  Restoration of Multiple ‘Failing’ Teeth with Implants in the Aesthetic Zone – The Surgical & Prosthetic Keys to Success  
Tidu Mankoo, BDS

9:00 – 9:25am  Digital Photography: Minimizing Image Degradation to Maximize Color Integrity  
Steve Snow, DDS

9:25 – 9:50am  Esthetic Lip-Nose Reconstruction in Our Littlest (and Most-Deserving) Patients  
Larry Brecht, DDS

9:50 – 10:20am  Computer-Aided Prosthodontics: Benefits and Limitations  
Irena Sailer, Dr. Med. Dent

10:20 – 10:50am  Networking Coffee Break

**Moderator: Greg Vigoren, DDS**

10:50 – 11:15am  A Possible Paradigm Shift in Dentistry: Biomimetic and Bioactive Restorative Materials  
Steven Jefferies, MS, DDS, PhD

11:15 – 11:40am  Implant Restoration: Cementation – Friend or Foe  
Chandur Wadhwani, BDS, MSD

11:40am – 12:10pm  Stealing a March on Your Competition – Enhancing Your Online Practice Presence  
Neil McLeod, BDS, LDS, RCS, DDS

12:10 – 12:40pm  A Challenge to Natural Teeth: Past << Future  
Naoki Hayashi, RDT

12:40 – 1:00pm  Question and Answer Session; Closing Remarks

1:00pm  Meeting Adjourns
SPECIAL EVENTS & SOCIAL ACTIVITIES

TUESDAY, AUGUST 7
Dessert Welcome Reception  🕒  8:30 – 10:30pm  🕒  Poolside
After you arrive and settle in to the beautiful Ritz-Carlton, join your friends and colleagues poolside for some after dinner treats. Drinks and dessert will be served poolside. Say hello to friends new and old before the meeting officially kicks off in the morning. Suggested dress code: Casual Resort Attire.

WEDNESDAY, AUGUST 8
President's Opening Reception  🕒  7:00 – 10:00pm  🕒  Center Court
President Dan Nathanson opens the meeting in Center Court with a lively event for the whole family. Pick up a specialty cocktail upon arrival and enjoy a great meal under the twinkling lights. Suggested dress code: Casual Resort Attire.

THURSDAY, AUGUST 9
Thursday evening is a completely open night. See the accompanying area dining guide for excellent suggestions.

FRIDAY, AUGUST 10
Reception and Closing Dinner Dance  🕒  6:30 – 10:30pm  🕒  The Ritz-Carlton Ballroom
Say farewell to another phenomenal AAED meeting at Friday night’s closing event. Enjoy cocktails, dinner and dancing at this glamorous affair. Cocktails will be served from 6:30 - 7:00pm in the foyer and dinner will begin shortly after in the ballroom. Suggested dress code: Black Tie Optional. If so inclined, dress in black and/or white.

SPOUSE AND COMPANION ACTIVITIES
Spouse and Companion Breakfast  🕒  8:00 – 10:30am  🕒  Artisans
On Wednesday, Thursday and Friday, registered spouses and children are invited to a special Spouse and Companion Breakfast in the Artisans room.

Yoga Classes  🕒  10:30am  🕒  Fitness Studio
Yoga classes will be offered Tuesday and Thursday. A sign up is required 24-hours in advance and the class maximum is 15 guests. To register, visit the registration desk and a Ritz-Carlton staff member will assist you with any of your group fitness needs.

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A natural transition between the artificial restoration and its surrounding gingiva is the primary factor for esthetic success. The cervical contouring concept was introduced two decades ago to treat and guide the predictability of the soft tissue envelope of natural teeth, pontics and around implant borne restorations.

Current strategies of the prosthetic phases of the treatment will be shown and discussed when restoring implant restorations, in order to achieve optimal peri-implant envelope in its volume, appearance and long term stability. Benefits and limitations of each strategy will be critically analyzed.

At the conclusion of this course participants will gain an understanding of:

- The restorative-abutment interface of natural teeth
- The restorative implant interface of natural teeth
- The restorative cervical contouring concept
Advances in restorative technologies are nowadays evaluated in a Nano-scale, yet accompanying soft tissue management principles rarely receive the same degree of scrutiny, until now. This presentation will address the microsurgical principles and techniques for pre, trans and post surgical gingival esthetics “Nano-guidance” aimed at creating equally precise and desirable outcomes.

Recent developments in the esthetic properties of Dental Zirconia (3YTZP) materials has led to increased uses of this ceramic in place of metal in dental restorations. This presentation will explore the advantages in the use of Dental Zirconia in tooth and implant supported crowns and bridges as an alternative to metal and/or feldspathic ceramics.

The biomechanical properties of Zirconia allow for the design of monolithic restorations or minimally veneered with feldspathic ceramic to enhance facial surfaces. The technological processes in the production of these restorations will be discussed with special emphasis on digital design and digitally controlled manufacturing as well as clinical outcomes with supporting data. The expanded use of Dental Zirconia is creating a paradigm shift in esthetic and functional possibilities in Fixed Prosthodontics.

Participants of this lecture will gain an understanding of:

- The properties of Zirconia as they relate to dental restorations
- The technical procedures used to maximize esthetics of the various designs of Zirconia restorations
- The current possibilities of digital processes as they relate to Zirconia restorations
WEDNESDAY, AUGUST 8, 2012

10:00 – 10:30am

Surgical and Prosthetic Details to Optimize the Esthetic Outcome

Andrea Ricci, DMD

Achieving esthetics in dentistry is one of the most challenging issues in dentistry and has become a persistent topic in all specialties of dentistry. The patient seeks not only a functional restoration or an implant that is osseointegrated, but also an optimal esthetic result, therefore, we are facing everyday higher and higher patients’ demands. Caries, tooth discoloration, defective restorations, wrong restorative materials, advanced periodontal disease, consequences of periodontal therapy, iatrogenic lesions, wrong soft tissue management and wrong timing of procedures may lead to different esthetic problems. These problems can include elongated teeth, altered gingival margins, lack of three-dimensional hard and soft tissue volume—in other words an inadequate relationship between soft tissue and teeth and/or restorations. This, as a consequence, may determine an unnatural, non-pleasing smile. Modern techniques and materials can be useless if the final outcome doesn’t achieve the patient esthetic expectations. This presentation will focus on the solutions of these problems, an adequate diagnosis of the different sites, the forecast of the clinical outcome and the technical solutions, which, in most cases, requires a multidisciplinary approach and a thorough knowledge of the restorative materials and protocols which involve the effort of the entire dental team.

At the conclusion of this lecture participants will:

- Know the decision parameters for keeping a tooth or placing an implant and all the diagnostic factors related
- Understand surgical key points for stable hard and soft tissue profiles
- Understand when a prosthetic compensation for hard and/or soft tissue deficiencies is recommended and which are the materials preferred
Successful Use of Dental Root Form Implants
Gordon Christensen, DDS, MSD, PhD

This presentation includes data from a survey distributed to AAED members and guests at the 2011 AAED meeting in Puerto Rico. It shows brands of implants and their popularity, success and failure rates of both implants and prostheses and makes predictions for implant use.

At the completion of this presentation participants will be able to:

- Describe the most frequently used implants and the fee that dentists charge for implant placement
- Describe the expected longevity of implants over various periods of service
- Describe the expected longevity of implant supported prostheses over various periods of service

GORDON CHRISTENSEN, DDS, MSD, PHD

Gordon J. Christensen is Founder and Director of Practical Clinical Courses (PCC) and Chief Executive Officer of Clinicians Report Foundation (CR) in Provo, Utah. Dr. Christensen has presented over 45,000 hours of continuing education throughout the world and has published many articles and books. Gordon and Dr. Rella Christensen are co-founders of the non-profit CLINICIANS REPORT FOUNDATION (previously CRA), which Rella directed for many years. Since 1976, they have conducted research in all areas of dentistry and published the findings to the profession in the well-known CRA Newsletter now called CLINICIANS REPORT. Gordon’s degrees include: DDS, University of Southern California; MSD, University of Washington; PhD, University of Denver; and two honorary doctorates. Early in his career, Gordon helped initiate the University of Kentucky and University of Colorado dental schools and taught at the University of Washington. Gordon is a practicing prosthodontist in Provo, Utah. Gordon and Rella’s sons are both dentists. William is a prosthodontist and Michael is a general dentist. Their daughter, Carlene, is a teacher. He is a member of numerous professional organizations.
Do you still use phosphoric acid for conditioning dentin and enamel? If yes, are you then in consequence of an old-fashioned dentist? One might have the idea if looking to all the new adhesives on the market. Most of them belong to the different types of Self Etch-adhesives; they promise an easier and faster application protocol while providing sufficient bond strength and cavity seal. In addition, Self Etch-adhesives seem to be much more forgiving with respect to postoperative sensivities. Therefore they might be the ideal material for dentists still plagued by complaints about postoperative sensivities and for those indications, where phosphoric acid etching has disadvantages as in Class V restorations or in pediatric dentistry.

At the conclusion of this lecture participants will:

- Be aware of different adhesive philosophies: etch and rinse and self-etch
- Be able to differentiate between the advantages and disadvantages of both adhesive techniques
- Adapt the optimal adhesive protocol to the individual cavity + optimizing the operative procedure
Immediate Loading and Final Esthetic Outcome: A Powerful Synergy
Marco Degidi, MD, DDS

The main problem facing the clinician is to select the correct treatment plan for patients with missing or badly compromised teeth. Several crucial goals have to be achieved: minimizing crestal bone loss, increasing long-term implant survival, improving esthetic outcome, reducing total treatment time and cost and, when appropriate, also dramatically reducing the need for augmentation procedures. Whenever it is possible to achieve primary stability and avoid micro-movement of the implant interface during the healing period, immediate loading is the ideal way to attain all these objectives, be it for a single tooth or for the fully edentulous patient. Drawing on his extensive clinical experience, the speaker will explore these topics and present the scientific basis for his conclusions.

At the conclusion of this lecture participants will:

• Understand the prerequisites for immediate loading in post extractive implants
• Understand the biological principles of the chamber concept
• Understand the surgical and prosthetic steps for immediately loaded restorations in the aesthetic zone

MARCO DEGIDI, MD, DDS
Dr. Degidi is an active member in the Academy of Osseointegration and a Diplomat in the International College of Oral Implantology. He operates a Private Practice in Bologna, restricted to implant surgery & prosthodontics in addition to being an Adjunct Professor, Postgraduate Program in Clinic Implantology and Biomaterials at the University of Chieti as well as an Adjunct Professor, Postgraduate Master in Clinic Implantology, University of Bologna. Dr. Degidi speaks in many national and international seminars, congresses and courses and is published in many national and international publications.
Bernard Touati, DDS, DSO

Dr. Touati is a Visiting Professor at the Hadassah Faculty of Dental Medicine, Jerusalem, and a Former Visiting Professor at Rio de Janeiro State University in Brazil. He is Past President of the European Academy of Esthetic Dentistry and Founder-Honorary of the President of the French Society of Esthetic Dentistry. He is a current member of the American Academy of Restorative Dentistry and the American Academy of Esthetic Dentistry. He served as editor-in-chief of Practical Procedures and Aesthetic Dentistry from 1997-2010. Dr. Touati is an International lecturer, author of numerous publications all over the world, including the best seller text book Esthetic Dentistry and Ceramic Restorations (Martin Dunitz publishing).

The real challenge of anterior dental implants is to obtain sustainable esthetic outcomes. Therefore a clear strategy must be determined for stable and durable soft tissue integration, after identification of all risk factors, especially in extraction sites where tissue remodeling is inevitable. In the first hand, anatomical factors such as integrity of the buccal bone plate and thickness of soft tissues must be assessed. Long-term Esthetics depends on the stability of the mucosal barrier, i.e., on multiple biological factors which each clinician ought to understand before choosing the appropriate clinical protocol.

At the conclusion of this lecture participants will be able to:

- Identify risk factors of anterior implants
- Understand impact of biological factors
- Understand compensations to inevitable tissue remodeling
9:00 – 9:25am
**Predictable Surgical Augmentation of the Interdental Papilla**
Peter Nordland, DMD, MS

Although the restoration of the interdental papilla has been considered impossible or unpredictable, Dr. Peter Nordland will present his most recent publications detailing over 10 years of successful surgical treatment results to restore the lost interdental papilla. Sometimes orthodontic treatment and/or restorative treatment can solve the dilemma, yet other times surgical augmentation is needed. This program will help to show surgical technique and describe when each discipline is needed.

At the conclusion of this lecture participants will be able to:

- Understand when surgery is indicated to augment lost papilla
- Select cases for optimal results
- Understand biology of a surgical technique

9:25 – 9:50am
**Color in Esthetics - Education and Training Resources**
Rade Paravina, DDS, MS, PhD

This presentation will emphasize the tools, principles and fundamentals that are essential to master a plan for a successful color matching in both office and dental laboratory. Examples and practical suggestions will be provided. The material will be appropriate for both dentists and technicians.

At the conclusion of this lecture participants will be able to:

- Contrast subjective and objective color matching methods
- Compare advanced shade guides
- List and discuss contemporary resources for color education and training

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**PETER NORDLAND, DMD, MS**

Peter Nordland is a co-founder and president of the International Society of Periodontal Plastic Surgeons. Dr. Nordland has introduced many surgical procedures and has developed his own line of microsurgical instruments. He is the director of the Oral Microsurgical Residency Program at the Newport Coast Oral-Facial Institute and is an Assistant Professor of Periodontics at Loma Linda University. Over the past 20 years, Dr. Nordland has presented over 350 professional papers and lectures internationally and has co-authored three textbooks, several chapters and many journal publications.

**RADE PARAVINA, DDS, MS, PhD**

Rade D. Paravina, DDS, MS, PhD is a tenured Associate Professor at the University of Texas School of Dentistry at Houston and Acting Director of Houston Center for Biomaterials and Biomimetics (HCBB). He has authored/co-edited two books, two software programs, one educational CD and more than 150 other peer-reviewed publications.

He is Founder and Past President of the Society for Color and Appearance in Dentistry (SCAD). He serves as Editor of the *Journal of Color and Appearance in Dentistry* and editorial board member for the *Journal of Esthetic and Restorative Dentistry* and several other journals.
NEIL STARR, DDS

Dr. Neil L. Starr graduated from McGill University Dental School and attended the University of Pennsylvania wherein he received postdoctoral training in Periodontics and Fixed Prosthodontics.

Dr. Starr has been lecturing nationally and internationally. He has authored a series of articles on treatment planning and sequencing therapy in the comprehensive treatment of the partially edentulous patient, appearing in the inaugural issue of the Seattle Study Club Journal and the Scientific Issue of the Alpha Omegan. His clinical articles have appeared in the Compendium of Continuing Education in Dentistry, the International Journal of Periodontics and Restorative Dentistry, and Quintessence of Dental Technology. Additionally, he has contributed textbook chapters for Periodontics, Medicine, Surgery, and Implants, Mosby, St. Louis 2004, for the textbook titled Interdisciplinary Treatment Planning – Principles, Design, Implementation (Quintessence Publishing Co. Inc. 2008) and most recently in the newly released textbook titled Cosmesis of the Mouth, Face and Jaws (Wiley-Blackwell, 2012).

Dr. Starr holds teaching positions at the University of Pennsylvania and the University of Maryland in Postdoctoral Periodontics and Fixed Prosthodontics.

Dr. Starr is the 2003 recipient of the Dr. Saul Schluger Award for Clinical Excellence in Diagnosis and Treatment Planning. He maintains a private practice in Prosthodontics, in Washington, D.C.

PRESENTATIONS

THURSDAY, AUGUST 9, 2012

9:50 – 10:15am
Active Diagnostics: Preplanning for Restorative and Esthetic Success
Neil Starr, DDS

“Active Diagnostics” is a term used to examine a given problem or set of problems. It allows one to identify factors that are causing the problem and prepare the collected information using structured diagnostic tools to decide how to implement possible solutions to the identified problems.

At the conclusion of this lecture participants will:

- Learn the use of diagnostic composite mockups
- Learn the use of bone modeling with the CBCT, laser scan and articulator to develop precise and optimal implant treatment plans
- Learn how to communicate the information learned from “Active Diagnostics” with your patient and your interdisciplinary treatment team
Integration of Esthetic Dentistry in Routine and Complex Prosthodontics
Kenneth Malament, DDS, MScD

Dentistry that is esthetic to the patient is an important clinical objective. The knowledge within dental technology, dental science and dental practice has dramatically expanded leading to better quality, artistry and more standards based clinical applications. Understanding methods to manage simple and complex restorative issues are critical to patient acceptance and even long-term ceramic success. Methods to integrate the efforts of laboratory technologists and managing occlusion and patient’s desires can have a profound impact in the practice of dentistry.

At the conclusion of this lecture participants will gain an understanding of:

- What factors and concerns a prosthodontist would have treating patients that require “esthetic procedures”
- The controversies that exists with modern dental materials
- The clinical factors that impact long-term survival of dental ceramic materials
- The restoration of dental implants in complex conditions

KENNETH MALAMENT, DDS, MScD

Dr. Malament received his D.D.S. from N.Y.U. College of Dentistry and a specialty certificate and Master’s degree from Boston University School of Graduate Dentistry. Dr. Malament has a full time practice limited to prosthodontics in Boston that includes a dental laboratory with master dental technologists. A Past President of the American Board of Prosthodontics, he is a Clinical Professor at Tufts University and a Course Director in postgraduate department of Prosthodontics. Dr. Malament is a Fellow of the American College of Prosthodontists, Academy of Prosthodontics, Greater New York Academy of Prosthodontics and Northeastern Gnathological Society. He is an active member of many dental organizations including the American Academy of Esthetic Dentistry.
Contemporary Esthetic Alternatives for Edentulous Patients
George Priest, DMD

Technological breakthroughs in materials and techniques offer superior esthetics and durability to prostheses for edentulous patients. Beginning with conventional dentures and progressing to fixed and removable implant prostheses, Dr. Priest will feature innovative treatment options that demonstrate proven longevity. Clinical examples will demonstrate computer-guided surgery for expedited and accurate prosthetically driven placement; CAD/CAM designed and manufactured frameworks that are precise and durable; and improved resins and ceramics for stronger and more lifelike tooth replacements. The impact of these advancements on clinical practice represents a significant development in enhancing implant treatment outcomes for edentulous patients.

At the conclusion of this lecture participants will be able to:

• Use anatomical determinants to establish optimal smile esthetics in edentulism
• Select appropriate conventional and implant options for edentulous patients
• Position and distribute implants for optimal prosthesis esthetics

Excellence in Dental Esthetics: New Trends and Materials in Esthetic Implantology
Luc Rutten, MDT and Patrick Rutten, MDT

This presentation will focus on dental technology’s impact in achieving excellent aesthetic results. Dental technology is no longer considered only a technical craft, but has become an integral part of dentistry. New materials, CAD/CAM systems and the novel armamentarium of dental technicians continue to transform restorative design. In this session, particular focus will be given to zirconium dioxide - a material that offers convincing aesthetics, biocompatibility and sustainability of metal-free restorations. Experiencing continued growth, Zirconium is one of the highest-performance ceramics in dental technology with excellent long-term behavior and extraordinary mechanical properties and is opening many doors for aesthetic implant dentistry.
FRIDAY, AUGUST 10, 2012

8:10 – 9:00am
Restoration of Multiple ‘Failing’ Teeth with Implants in the Aesthetic Zone – The Surgical & Prosthetic Keys to Success
Tidu Mankoo, BDS

The aesthetic rehabilitation of multiple failing teeth and the periodontally compromised dentition remains a challenge despite the numerous advances in the treatment of periodontitis, regenerative and dental implant therapies. This presentation will review the contemporary surgical and prosthetic concepts in management of implants in the aesthetic zone with a view to achieving optimum long-term aesthetics and stability. With this in mind, novel approaches for aesthetic rehabilitation of periodontally compromised teeth in the aesthetic zone will be presented.

The outcomes depend on the clinical management and an understanding and application of the biological factors that influence our treatment outcomes. The optimal management of the interplay between bone, soft tissues and prosthetics determines the aesthetic outcome and the long-term stability of soft tissue aesthetics. An interdisciplinary approach is the key to success.

At the conclusion of this lecture participants will:

• Learn the key principles for the diagnosis, treatment planning and management (both surgical and prosthetic) of implant restoration in the aesthetic zone

• Gain an understanding of the biology of the periodontal and peri-implant tissues and the application of this knowledge to clinical decision making

• Comprehend the behavior of the bone and soft tissues around post-extraction sites and around dental implants

• Learn the principles of bone and soft tissue management around implants, as well as how to manage bone and soft tissue defects in post-extraction sites and peri-implant defects

• Learn to manage both delayed and immediate implants

• Be taught the keys to the management of single tooth and multiple tooth cases

• Learn the benefit of interdisciplinary case management

TIDU MANKOO, BDS
Dr. Tidu Mankoo qualified with a BDS from the University of Bristol in 1981 and has a renowned Private & Referral Practice in Windsor, UK, treating Implant, Restorative and Aesthetic cases, particularly complex cases. He has built a reputation for exceptional dentistry and carries out both the surgical and prosthetic aspects of his cases. He is an active member of the European Academy of Esthetic Dentistry, the Association of Dental Implantology (UK), the European Association of Osseointegration (EAO), Fellow of the International College of Dentists (FICD) and a fellow of the International Congress of Oral Implantologists.

He was the President of the European Academy of Esthetic Dentistry 2009-2010 and a founder and Past President of the British Academy of Aesthetic Dentistry and serves on the Editorial Board of a number of dental journals. He is a respected teacher with numerous publications, including a chapter in the textbook The Art of Treatment Planning: Dental and Medical Approaches to the Face and Smile by Quintessence Publishing. He is a sought-after international speaker particularly in the field of Dental Implants, Aesthetic Dentistry and management of complex cases. He lectures and gives courses regularly all over the world.
Digital Photography: Minimizing Image Degradation to Maximize Color Integrity
Steve Snow, DDS

Accurate digital photography is an essential element of the delivery care in the contemporary dental office. Mastering control of the digitization of light is required for precision in capturing and viewing color without inadvertent and unwanted image degradation. Photography principles and computer strategies must be integrated in a coordinated workflow for repeatable and predictable results.

At the conclusion of the lecture participants will gain an understanding of:

- The key principles of digitization of light in photography
- How image manipulation always causes image degradation
- Strategies to capture and process digital images for easy, accurate and consistent results

Esthetic Lip-Nose Reconstruction in Our Littlest (and Most-Deserving) Patients
Larry Brecht, DDS

As the most common congenital anomaly of the head and neck region, clefts of the lip, alveolus and palate occurs in nearly 1 out of 500 infants. Prosthodontists have an integral role in the interdisciplinary care that cleft patients receive. Advances in cleft management techniques over the last decade have greatly improved the esthetic and functional results of cleft repair. The prosthodontist serves an important role in the care of these patients from birth through adulthood. There is increasing evidence that intervention during the earliest stages after birth may result in predictably better outcomes while reducing the number of surgical procedures a cleft patient will be required to undergo.

At the conclusion of this lecture participants will:

- Have familiarity with the infant cleft lip, nose deformity
- Have familiarity with nasoalveolar molding (NAM)
- Have an exposure to the literature on NAM and GPP
- Have a familiarity with the advantages and disadvantages of NAM and GPP
9:50 – 10:20am

**Computer-aided Prosthodontics: Benefits and Limitations**

Irena Sailer, Dr. Med. Dent

Optical impressions, or more specifically digital impressions, have been introduced to dentistry more than 25 years ago with the development of the Cerec CAD/CAM system. More recently, several new systems for the digital impression have been introduced. These digital impression systems are linked to corresponding lab-side CAD/CAM manufacturing procedures and thereby offer a broader application of the “digital workflow” for the fabrication of dental reconstructions. The digital impression systems available today offer numerous advantages, like the precision of the reconstructions. Yet, the workflow also has several limitations and traditional procedures still needed. The lecture will highlight today’s digital possibilities and indicate at which point the traditional manufacturing is still beneficial.

At the conclusion of this lecture participants will be able to:

- Discuss digital impression techniques
- Elucidate the following digital workflows for the fabrication of the reconstructions
- Compare the prosthodontic possibilities of the digital and conventional manufacturing

10:50 – 11:15am

**A Possible Paradigm Shift in Dentistry: Biomimetic and Bioactive Restorative Materials**

Steven Jefferies, MS, DDS, PhD

In the last two decades, a new class of “bioactive” materials has evolved within the practice of dentistry. This presentation will provide an overview concerning the current status of these calcium-based materials, discussing their properties and current clinical uses as well as some perspectives on their unique “biomimetic” characteristics.

At the conclusion of this lecture participants will be able to:

- Review the history, evolution, composition and material elements of these materials in dentistry
- Review evidence-based physical property and clinical performance attributes of these materials
- Understand “bioactivity” and its possible clinical significance related to these dental biomaterials
Chandur Wadhwani received a BDS with honors in 1986 from University College Hospital Dental School London. In 2004 he received his MSD and certificate in prosthodontics from the University of Washington. Chandur has authored multiple papers in peer reviewed journals as well as conducted research projects related to implants, endodontics and radiographic procedures.

Dr. Neil McLeod was Kenya raised, trained in Britain and the United States and has maintained a private practice on Sunset Boulevard for 36 years. He has written and lectured on Precision Attachments, Digital Radiography, Gold Onlays and Web Presence for Dental Practices. He is an author and performing poet.
A Challenge to Natural Teeth: Past << Future
Naoki Hayashi, RDT

This presentation will cover key points to consider while restoring anterior teeth and its overall effect on patients’ smile. Can you imagine seeing a dental restoration that is not esthetic nowadays? As esthetic dental treatment is improving year by year, dentists and technicians, and also patients, are getting more aware about cosmetic restorations. It’s not only oral health and beauty, it becomes a part of a person’s total profile. We all know that it is necessary to have a great relationship and teamwork between dentists. Sometimes in order to make restorations look natural, it is important that the technician should know the meaning of beauty beyond dentistry. Being a technician, I always try to have an interest in everything around myself, such as nature, trends, fashion and cosmetics and learn from it. In my lecture, I will introduce my concept in regards to esthetic restoration treatment and explain by category with every step of what needs to be considered when I create esthetic restoration. I will analyze and show you the result using a clinical case, using each category to display the effect related to those attention points and how it brings change to the patients overall profile.

NAOKI HAYASHI, RDT

Naoki Hayashi graduated from Japan Osaka Dental University in 1992. Soon after graduation he worked in the National Dental Laboratory in Japan. He works currently as a master ceramist & Vice President of Ultimate Styles Dental Laboratory in Irvine, California. Mr. Hayashi lectures all over the world about current trends in dental technology and treatment planning. He has lectured in QDT symposium in the 5th and 6th World Dental meeting in Japan, 4th international congress of dental technology in Japan, Spectrum Dialogue Techno Clinical day in Chicago, AACD Boston, International Symposium on Ceramics & many more. Mr. Hayashi constantly searches for the best methods for esthetic porcelain restorations to achieve the best results to satisfy dentists and their patients high esthetic demands. He continues to share his knowledge and skill by offering many hands on workshops all over the world.
CONFLICT OF INTEREST DISCLOSURES

This educational forum will comply with appropriate disclosure policies as set forth by the American Dental Association’s code of ethics and professional standards. The AAED speakers will verbally disclose any material, financial or other relationships that pose a potential conflict of interest. Such disclosures may also be included in written form within this program. Speakers will also disclose any unapproved use of products or devices that they will be discussing. Disclosure requirements are not intended to imply any impropriety, but rather to inform the audience that they exist.

The following speakers have indicated no potential conflict of interest(s) exist:

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Neil McLeod, BDS, LDS, RCS, DDS
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George Priest, DMD
Andrea Ricci, DMD
Steve Snow, DDS
Neil Starr, DDS

The following speakers have disclosed these relationships which may pose a conflict of interest:

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The following speaker did not disclose any relationships prior to the printing of this program book. Please see the presentations for the most up-to-date disclosure information.

Naoki Hayashi, RDT
Results are all that matter. I've been prescribing Lava restorations for about six years. I know from experience that when I send the case to my lab, it's going to look and fit perfectly—and last. I've had consistent success, even on six-unit bridges. Our patients love it so much, they actually tell their friends.

– Dr. Kyle Edlund

Staggering statistics aside, there are endless reasons to prescribe Lava™ Zirconia.

Start with patient demand for a crown or bridge with no metal in it. Or the look of genuine satisfaction when a patient sees beautiful Lava zirconia where a large amalgam once was. Lava zirconia takes cosmetics to a whole new level. Isn't that where you want to take your practice?

Start now.

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– Dr. Kyle Edlund

Why? How about 10 years, 100 studies and millions of cases.¹

Staggering statistics aside, there are endless reasons to prescribe Lava™ Zirconia. Start with patient demand for a crown or bridge with no metal in it. Or the look of genuine satisfaction when a patient sees beautiful Lava zirconia where a large amalgam once was. Lava zirconia takes cosmetics to a whole new level. Isn’t that where you want to take your practice?

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AAED PAST PRESIDENTS AND MEETING LOCATIONS

1975  Ronald E. Goldstein, DDS  Chicago, IL
1976  Charles L. Pincus  Las Vegas, NV
1977  Charles L. Pincus  Colorado Springs, CO
1978  Ronald E. Goldstein, DDS  Colorado Springs, CO
1979  Raymond M. Contino, DDS  Colorado Springs, CO
1980  Gordon J. Christensen, DDS, MSD, PhD  White Sulphur Springs, WV
1981  Carl E. Rieder, DDS  San Francisco, CA
1982  Peter K. Dawson, DOS  Boca Raton, FL
1983  Jack D. Preston, DDS  Maui, HI
1984  David S. Shelby, DDS  Bermuda
1985  Henry N. Yamada, DDS, MEd, MBA  Sun Valley, ID
1986  Noah Chivian, DDS  Colorado Springs, CO
1987  Niles F. Guichet, DDS  Laguna Niguel, CA
1988  Lloyd L. Miller, DMD  Cambridge, MA
1989  Leonard Abrams, DDS  Pebble Beach, CA
1990  Stephen K. Bergen, DDS, MSD  Hershey, PA
1991  Ralph V. O’Connor, DDS, MSD  Santa Barbara, CA
1992  George A. Murrell, DDS  Santa Fe, NM
1993  Robert P. Berger, CDT, FNBC  Los Angeles, CA
1994  Cherilyn G. Sheets, DDS  Maui, HI
1995  Reuben R. Roach, DDS  Palm Beach, FL
1996  Donald E. Arens, DDS, MSD  Aspen, CO
1997  David A. Garber, DMD, BDS  Cancun, Mexico
1998  Edwin S. Rosenberg, BDS, DMD, HDD  Philadelphia, PA
1999  Vincent G. Kokich, DDS, MSD  Whistler, British Columbia, Canada
2000  Mark J. Friedman, DDS  Kauai, HI
2002  Frank M. Spear, DDS, MSD  Beaver Creek, CO
2003  Ronald I. Maitland, DMD  Dana Point, CA
2004  Harald 0. Heymann, DDS, MEd  Banff, Alberta, Canada
2005  Baldwin W. Marchack, DDS, MBA  Kohala Coast, HI
2006  Gerard J. Chiche, DDS  Grand Cayman, Cayman Islands
2007  Edward P. Allen, DDS, PhD  Colorado Springs, CO
2008  John C. Kois, DMD, MSD  Laguna Niguel, CA
2009  John D. West, DDS, MSD  Las Vegas, NV
2010  Vincent Celenza, DMD  Maui, HI
2011  Louis F. Rose, DDS, MD  San Juan, PR
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