
APS 90th Annual Meeting

 Thursday, February 22, 2018 – Friday, February 23, 2018

 Swissôtel Chicago 323 E Upper Wacker Dr., Chicago, Illinois 60601 United States

Welcome to the 90th Annual Meeting of the American Prosthodontic Society, where we will explore the future of prosthodontics as an ever-evolving discipline. Over 1.5 days, you will enjoy relevant education in advanced prosthodontics, interdisciplinary instruction led by world-renowned experts, and networking and social events designed to inspire good conversation and build worthwhile relationships. The APS is the only organization that combines the discipline, specialty and technology of prosthodontics. Our membership includes specialists, general dentists, certified and master dental technologists and students. The APS has earned the reputation of being the singular organization with unrestricted membership where all that is required is an interest in prosthodontics. There is no better organization than the APS to bring together the talent, the insight and the experience of practicing dentists, researchers, dental school faculty and administrators and technologists in one meeting devoted to the advancement of prosthodontics.

FEB 22, 2018

7:00 - 8:00 AM

· 2nd Floor Event Centre

Breakfast and Registration

Breakfast sponsored by Elsevier

7:00 - 8:00 AM

· St. Gallen & Montreux

Exhibits and Digital Poster Presentations Open

8:00 - 8:10 AM

· Vevey Ballroom

Call to Order and Opening Remarks

Arun Sharma, BDS, MSc · Alon Preiskel, BDS, MRD

8:10 - 8:15 AM

· Vevey Ballroom

Presentation of Golden Medallion

Salvatore J. Esposito, DMD · Arun Sharma, BDS, MSc

The American Prosthodontic Society has selected Dr. John Beumer III as its 2018 Golden Medallion Awardee. The Golden Medallion Award is issued periodically to individuals whose contributions to prosthodontics have been exceptional. APS wishes to acknowledge the generous financial support of this award provided by the American Prosthodontic Foundation.

8:15 - 8:40 AM

· Vevey Ballroom

Golden Medallion Awardee Presentation

John Beumer III, DDS, MS

8:45 - 9:15 AM

· Vevey Ballroom

Management of Soft Tissue Complications Around Dental Implants

Kirk Pasquinelli, DDS

Moderated by: Baldwin W. Marchack, DDS Soft tissue complications around dental implants can negatively affect the aesthetics, health and longevity of implants. This talk will present the etiology for several of the most common soft tissue complications as well as their therapeutic solutions. We will focus on the utilization of connective tissue grafts with and without particulate bone grafts to repair aesthetic soft tissue defects on implants in the aesthetic zone. At the conclusion of this lecture participants will be able to or have gained an understanding of: 1. The cause and effect of the most common soft tissue complications around dental implants 2. How to avoid these complications 3. How to treat these complications when they occur

9:20 - 9:50 AM

· Vevey Ballroom

Management of the Missing Papilla in the Esthetic Zone

Joseph Kan, DDS, MS

Moderated by: Baldwin W. Marchack, DDS Achieving anterior implant esthetics is a challenging and demanding procedure. To create implant restorations with harmonious gingival contour that emulate nature is a fusion of

science and art. Understanding the biologic and physiologic limitations of the soft and hard tissue will facilitate predictability in simple to complex esthetic situations. This presentation will focus on current implant treatment philosophies and methodologies for management of the missing papilla around single and multiple adjacent implants in the esthetic zone. Equal emphasis will be placed on the diagnosis and treatment of planning, surgical and prosthetic management of soft and hard tissue for anterior papilla esthetics. At the conclusion of this lecture participants will be able to or have gained an understanding of: 1. The limitations in vertical tissue regeneration 2. Whether papilla can be surgically regenerated 3. How interdisciplinary treatment can assist in papilla management

9:55 - 10:25 AM

· Vevey Ballroom

Predicting Implant Success & Avoiding Complications

Peter Moy, DMD

Moderated by: Baldwin W. Marchack, DDS At the conclusion of this lecture participants will be able to or have gained an understanding of: 1. The use of new technologies to enhance decision-making in surgical implant procedures 2. Identify common etiological factors that contribute to failure of a dental implant 3. Managing complications once it occurs

10:25 - 10:35 AM

· Vevey Ballroom

Panel Discussion

Joseph Kan, DDS, MS · Peter Moy, DMD · Kirk Pasquinnelli, DDS

Moderated by: Baldwin W. Marchack, DDS

10:35 - 11:00 AM

Networking Coffee Break

11:00 - 11:30 AM

· Vevey Ballroom

2018 APS Graduate Prosthodontic Research Competition

James Lee, DDS · Robert Kyle Gazdeck, DDS · Ghaith Darwish, DDS

Moderated by: John Ball, DDS Judges: John Ball, DDS, Steven Sadowsky, DDS and Joseph Huryn, DDS The APS is focused on the future of prosthodontics. With that focus in mind, the APS has attracted an exciting field of graduate student candidates for the 2018 Research Competition. Recruited by Dr. John Ball, they will be presenting original work over a wide range of topics. The mission of this program is to provide an annual forum for graduate students to foster high-quality research, writing and oral presentation skills. Furthermore, the APS welcomes the opportunity to develop stronger ties to prosthodontic graduate students and cultivate their future leadership in the Society. 11:00-11:10am: Mandibular Implant-Supported Fixed Prosthesis: A 30-Year Success Story, James Lee, DDS 11:10-11:20am: Computed Tomography Analysis of Reconstructed Mandibles with Fibula Free Flaps, Robert Gazdeck, DDS 11:20-11:30am: Improving Polymethyl Methacrylate Resin Using Novel Nano-Ceramic Coating, Ghaith Darwish, DDS

11:35 AM - 12:00 PM

· Vevey Ballroom

The Sweet Spot: Life Lessons Learned

Sreenivas Koka, DDS, PhD, MBA

Moderated by: John Ball, DDS "Home is not where you are from. Home is where you are needed." - Dr. William Foegel. These words epitomize selfless service representing the best of our noble dental profession. Making decisions to allow ourselves the pursuit of being where we are needed is fundamental to a successful journey in life. This presentation will draw upon threads from dentistry, medicine, psychology and behavioral economics to weave together a story of how to live a life where who you are is who you want to be. At the conclusion of this lecture participants will be able to or have gained an understanding of: 1. The role of human behavior in decision making 2. The importance of decision making in career success 3. The importance of career success in happiness

12:00 - 2:00 PM

Break for Lunch & Corporate Forum

Corporate Forum Sessions Moderated by: Izchak Barzilay, DDS Ivoclar Vivodent 12:30 – 12:55 pm The Digital Denture Revolution Presenter: Dr. Frank Lauciello Panthera Dental 1:00 – 1:25 pm Angulated Screw Channel, The Only Real Option Presenter: Béatrice Robichaud GC America 1:30 – 1:55 pm Carte Blanche: Aesthetic and Functional Foundations for the Complete Denture Presenter: Dr. Miles R. Cone

2:00 - 2:05 PM

· Vevey Ballroom

Presentation of Rudd Award

Moderated by: Todd Fridrich, CDT The American Prosthodontic Society has selected Dr. Edward A. McLaren as its 2018 Kenneth D. Rudd Awardee. The award was developed to promote and encourage dental laboratory technicians

and support the advancement of dental technology education. The APS, in conjunction with the editorial council of The Journal of Prosthetic Dentistry, presents this award to a dental technician who has made a significant contribution to the advancement of prosthodontics and dental laboratory communities. The generous funding of this award is provided by the Editorial Council of The Journal of Prosthetic Dentistry.

2:10 - 2:40 PM

· Vevey Ballroom

Rudd Award Recipient Presentation

Edward McLaren, DDS, MDC

Moderated by: Todd Fridrich, CDT

2:45 - 3:05 PM

· Vevey Ballroom

Current Concepts in Cleft Care

Lawrence E. Brecht, DDS

Moderated by: Todd Fridrich, CDT At the conclusion of this lecture participants will be able to or have gained an understanding of: 1. Understand the value of intervention in the infant with a cleft 2. Understand treatment options for the cleft patient throughout their lifetime 3. Appreciate the intensity of treatment our patients with facial differences endure

3:05 PM - 3:25 AM

Networking Coffee Break

3:25 - 4:00 PM

· Vevey Ballroom

The Evolution of Zygomatic and Pterygomaxillary Implants

Tom Balshi, DDS, PhD · Stephen Balshi, MBE

Moderated by: Harold Preiskel, MDS, MSc Implant prosthodontics is continuously evolving and therefore changes the way patient treatment plans are presented. This lecture will look specifically at the evolution of the treatment using the zygoma and pterygomaxillary regions. Implants are now placed on an intentional tilt or in remote locations to eliminate additional surgical procedures such as bone grafting or sinus augmentation; this also allows a faster path to the definitive fixed prosthesis. The No BoneZ Solution is the latest clinical protocol developed which uses a combination of CAD/CAM surgical templates and traditional free-hand procedures to treat the atrophic maxilla immediately and with predictability. A further look into the CAD/CAM technologies that are used in aiding implant placement and prosthesis construction will be reviewed.

4:05 - 4:25 PM

· Vevey Ballroom

Salvaging a Screw Retained Full Arch Prosthesis

Robert A. del Castillo, DMD, PA

Moderated by: Harold Preiskel, MDS, MSc At the conclusion of this lecture participants will be able to or have gained an understanding of: 1. New implant and prosthetic solutions allow us to rescue a Full Arch Prosthesis 2. New prosthetic solution allow for a Fixed Arch Prosthesis without the use of cements and screws 3. New prosthetic solution allows for correction of angular difficulties usually encountered with Screw Retained components

4:30 - 4:50 PM

· Vevey Ballroom

Predictable Anterior Esthetics with Angle Correction Implants

Stephen Chu, DMD, MSD, CDT

Moderated by: Harold Preiskel, MDS, MSc The anterior maxilla provides anatomic challenges that often result in implants being placed at an angle or in a compromised facial biased position. Esthetic management is even more important when employing post-extraction immediate implant placement and provisional restoration protocols. This program will demonstrate how an innovative implant design and appropriate provisional restoration can be used in immediate extraction socket therapy to maximize bone and soft tissue volume. A dual or co-axis design allows for subcrestal angle correction leading to the implant being placed in the correct position with a consistent screw-retained provisional and final restoration. The achievement of predictable anterior esthetic outcomes is an important treatment solution that should be properly considered by all dentists. At the conclusion of this lecture participants will be able to or have gained an understanding of: 1. The principles that lead to the use of an angled implant for improved screw access and retention 2. How to make a screw-retained implant provisional restoration 3. The evidence base information available that predictably can be used to achieve consistent anterior esthetic implant restorations

4:55 - 5:30 PM

Determining Esthetic Risk in Implant Rehabilitation

· Vevey Ballroom

Will Martin, DMD, MS

Moderated by: Harold Preiskel, MDS, MSc Esthetic outcomes are an indispensable component of modern implant dentistry. On a daily basis, clinicians are faced with demanding decisions on the diagnosis and treatment of esthetically challenging situations. When dental implants are utilized in the esthetic zone, they can show a wide variation in results with differing levels of predictability. This presentation will introduce a patient assessment tool designed to improve the predictability and longevity of esthetic implant-based treatment. The Esthetic Risk Assessment (ERA) table is a patient assessment system that guides the clinician in evaluating thirteen clinical parameters that can influence both positive and negative outcomes when placing and restoring implants in the esthetic zone. When the ERA table is completed the clinician and patient are presented with a visual analog scale that highlights the overall Esthetic Risk. During the presentation, the ERA table's clinical parameters will be introduced through patient examples of how they can be determined and influence esthetic outcomes. At the conclusion of this lecture participants will be able to or have gained an understanding of: 1. The tools to effectively plan and communicate with patients the risk(s) involved in anterior tooth replacement utilizing dental implants 2. Factors of significance in the assessment of treatment outcomes, with particular reference to dental implant esthetics 3. The components of the Esthetic Risk Assessment (ERA) table 4. Utilizing Esthetic Risk Assessment to evaluate a patient for esthetic risk and compare it to treatment outcomes

5:30 - 7:00 PM

· St. Gallen & Montreux

Reception in the Exhibit Hall

FEB 23, 2018

7:30 - 8:30 AM

· St. Gallen Ballroom

Members Business Meeting & Continental Breakfast

Breakfast sponsored by Elsevier

8:30 - 9:00 AM

· Vevey Ballroom

Complete Digital Workflow for Facially Driven Restorative Dentistry

Christian Coachman, CDT, DDS

Moderated by: Alon Preiskel, BDS, MRD How to implement a fully digital, facially driven workflow in interdisciplinary cases, increasing esthetics, precision and efficiency. This lecture will present pragmatic step-by-step of how to digitally design smiles in harmony with faces and how to utilize a interdisciplinary software platform to simulate treatments, improve the decision making process and increase case acceptance. At the conclusion of this lecture participants will be able to or have gained an understanding of: 1. The facially driven interdisciplinary software platform 2. Esthetic Natural Anterior and Functional Posterior Restorations with CAD/CAM 3. The Restorative and Orthodontic Digital link

9:05 - 9:35 AM

· Vevey Ballroom

Restorability of Teeth – How Far Can We Go?

Nicola Zitzmann, DDS, PhD

Moderated by: Alon Preiskel, BDS, MRD Prosthodontists face the difficult task of judging the influence and significance of multiple risk factors of periodontal, endodontic, or prosthetic origin that can affect the prognosis of an abutment tooth. The purpose of this review is to summarize the critical factors involved in deciding whether a questionable tooth should be treated and maintained, or extracted and possibly replaced by dental implants. Tooth maintenance and the acceptance of risks are suitable when: the tooth is not extensively diseased; the tooth has a high strategic value, particularly in patients with implant contraindications; the tooth is located in an intact arch; and the preservation of gingival structures is paramount. At the conclusion of this lecture participants will be able to or have gained an understanding of: 1. Options for tooth preservation 2. Assessment of periodontal, endodontic, reconstructive risks 3. Strategic treatment planning with and without implants

9:40 - 10:10 AM

· Vevey Ballroom

Current Status of Zirconia for Contemporary Restorative Dentistry

Ariel Raigrodski, DMD, MS

Moderated by: Alon Preiskel, BDS, MRD Clinicians and dental technicians are constantly challenged with harnessing rapidly evolving technologies and materials with the goal of providing patients with indirect restorations with superior biomechanical and optical properties. Numerous considerations, which may require the involvement of multiple dental disciplines, must be weighed during the treatment planning phase prior to commencing treatment. Such considerations include material selection and restoration design and for complete-coverage restorations. This presentation will provide an update on traditional zirconias for copings, frameworks and implant restorations and on newer translucent zirconias for monolithic restorations. It will also provide an update on concepts of restoration design (monolithic, bilayered, and hybrid (partial monolithic)) for such restorations, and discuss how appropriate selection of different types of zirconias and restoration design may foster successful treatment outcomes for

various clinical scenarios. At the conclusion of this lecture participants will be able to or have gained an understanding of: 1. The unique properties of traditional and newer translucent zirconia 2. Different design concepts (monolithic, bilayered, and hybrid) for all-ceramic restorations while addressing their advantages and limitations for different clinical scenarios 3. How the advent of CAD/CAM technology supports the fabrication of such restorations

10:10 - 10:20 AM

· Vevey Ballroom

Zerodonto/AIOP/APS Presentation: Full Mouth No Prep Adhesive Rehabilitation; A Case Report

Dr. Ionut Brânzan

Moderated by: Alon Preiskel, BDS, MRD At the conclusion of this lecture participants will be able to or have gained an understanding of: 1. Symptoms associated with severe erosion and attrition in a young patient 2. The advantage of preserving tooth structure by using adhesive restorations 3. Communication between prosthodontist and dental technician for a great result

10:20 - 10:25 AM

· Vevey Ballroom

Presentation of Graduate Prosthodontic Research Award

Moderated by: Alon Preiskel, BDS, MRD

10:25 - 10:40 AM

Networking Coffee Break

10:40 - 10:50 AM

· Vevey Ballroom

Presentation of Digital Poster Awards

Nestor Schejtman Plotnik, DDS

10:50 - 10:55 AM

· Vevey Ballroom

Patient Presentation

Moderated by: Arun Sharma, BDS, MSc

10:55 - 11:15 AM

· Vevey Ballroom

Case Discussion: Treatment of Anterior Tooth Wear

David Bartlett, BDS, PhD

Moderated by: Arun Sharma, BDS, MSc

11:20 - 11:40 AM

· Vevey Ballroom

Case Discussion: Treatment of Anterior Tooth Wear

Carlo Poggio, DDS, MSD, PhD

Moderated by: Arun Sharma, BDS, MSc

11:45 AM - 12:05 PM

· Vevey Ballroom

Case Discussion: Treatment of Anterior Tooth Wear

Ricardo Mitrani, DDS, MSD

Moderated by: Arun Sharma, BDS, MSc

12:05 - 12:25 PM

· Vevey Ballroom

Panel Discussion

David Bartlett, BDS, PhD · Ricardo Mitrani, DDS, MSD · Carlo Poggio, DDS, MSD, PhD

Moderated by: Arun Sharma, BDS, MSc

12:35 - 1:20 PM

Combining Digital Workflow With Surgical Execution and Prosthetic

· Vevey Ballroom

Management

Peter Wöhrle, DMD, MMedSc, CDT (CH)

Moderated by: Arun Sharma, BDS, MSc Implant treatment options to satisfy patient's needs and desires have evolved continuously with increasing attention to quality of survival, and delivery of these services in a timely, predictable and cost effective fashion. As newer treatment concepts such as CT-assisted diagnosis, minimally invasive guided surgery and immediate restorations progress, the outcome of treatment has become more predictable. This new approach allows for a significantly reduced complexity, facilitates the process, delivers the solution in an expedient and cost-effective manner, enhances the patient experience, and provides the necessary information for proper evaluation and critical decisions. The health care provider with appropriate diagnostic, prognostic, surgical and restorative skills will be the primary clinician of choice delivering these services, and the company providing all the necessary tools to the clinician within one system will be the partner of the future. This program highlights diagnostic and treatment planning issues, basic digital data acquisition, and their transformation into surgical tools. Case selection criteria are decisive, and thus will be highlighted. Finally, the altered flow of treatment will be discussed comprehensively. Prosthetic restorations, from single tooth to full arch cases, will be detailed in relationship to emergence profile, type of restorative materials, and case design. Provisionalization as it relates to patient management during the active treatment will be scrutinized, as will immediate loading protocols. At the conclusion of this lecture participants will be able to or have gained an understanding of: 1. The advantages of CT assisted treatment planning 2. Appreciation of the workflow from patient acquisition to delivery of final restoration 3. The different areas throughout treatment where CT or CAD/CAM based tools can enhance outcome 4. The various prosthetic techniques and materials used to restore patients with implant-supported restorations

1:20 - 1:30 PM

· Vevey Ballroom

2019 Meeting

Todd Fridrich, CDT, FNBC

Moderated by: Arun Sharma, BDS, MSc

1:30 PM

Meeting Adjourns