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the AMERICAN PROSTHODONTIC SOCIETY

Welcome to the 87th Annual Meeting of the American Prosthodontic Society! This year's event will feature 1.5 of days of continuing education in advanced prosthodontics, presentations from world-renowned dental experts, and special networking events designed to fortify your passion for the profession. With a theme of "The Restorative Spectrum," the 87th Annual Meeting is guaranteed to provide you with the interdisciplinary instruction, advanced knowledge, and international perspective you are seeking.

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.



Survey and Continuing Education Information
Session level surveys are available through our mobile-enabled site, messageblocks.com/aps/

Session level surveys are available through our mobile-enabled site, messageblocks.com/aps2015. An overall evaluation of the meeting will be sent post-event. To receive a continuing education letter, attendees must submit a CE claim form. Forms are available on-site and will also be made available post-event.

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APS Mission Statement

To promote the advancement of the discipline of prosthodontics by integrating the generalist, specialist and dental laboratory technologist in a manner that will continuously seek improvement of patient treatment. We will accomplish this through education and research.

2014 – 2015 EXECUTIVE COUNCIL

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APS Meeting Goals

- Highlight evidence-based dentistry, where scientific research is applied to clinical dentistry
- Provide interdisciplinary instruction and advanced knowledge in prosthodontic education
- Provide an international representation in the prosthodontic field
- Create an environment for networking, professional interaction and knowledgesharing among participants

2015 APS Sponsors

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Exhibition Hall

Exhibits and digital poster presentations will be held in the St. Gallen and Montreux ballrooms.

Thursday, February 26, 2015

7 a.m. – 7:30 p.m.

Breakfast, lunch, breaks and the reception will be held in the Exhibit Hall.

2015 APS Exhibitors

Thank you to the following exhibiting companies:

- Avadent by Global Dental Science
- Best Card
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- Dentsply Implants
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- Panthera Dental
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- Thommen Medical

APS does not endorse any specific company, product, service or advertisement.

2015 Program Schedule At-a-Glance

Registration: 2nd Floor Event Centre **General Session:** Vevey Ballroom

Business Meeting: St. Gallen
Exhibits & Reception: St. Gallen & Montreux

Digital Poster Presentations: Foyer between St. Gallen and Montreux Ballrooms

THURSDAY, FEBRUARY 26, 2015

Part 1: Preserving Dentition

7 – 8 a.m. Cor Reg

Continental Breakfast, Registration Exhibits and Digital Poster Presentations Open 8 - 8:05 a.m.

Call to Order and Opening Remarks Antonio Bello, DDS

8:05 a.m.

Presentation of the Golden Medallion Award

2015 Program Schedule At-a-Glance

THIIDSDAY EERDIIAD	V 26 2015 cant					
THURSDAY, FEBRUARY 26, 2015 cont.						
8:05 — 8:25 a.m.	Gerald Graser, DDS, MS Golden Medallion Awardee Are You Ever Lucky to be Practicing Prosthodontics Today!	12:55 — 2:15 p.m.	Richard Rosenblatt, DMD Advancements in CAD/CAM Dentistry – Hands on Workshop Sponsored by GC America			
8:30 — 9:25 a.m.	John Kois, DMD, MSD Myth of Anterior Guidance	or	*Additional Registration Fee Required Chris Bormes Servicing Provisional and Definitive Full Arch Restorations – Hands on Workshop and Lecture Sponsored by PREAT *Additional Registration Fee Required			
9:30 — 10:15 a.m.	Andrea Ricci, DMD Surgical and Restorative Solutions Around Natural Teeth and Implants in Healthy and Periodontally Compromised Patients					
10:15-10:35 a.m.	Coffee Break	Part 2: Replacing De	ıtition			
	Exhibits Open Digital Poster Presentations	2:15 — 2:35 p.m.	Rudd Awardee Presentation With Diligence Toward New Horizons! Inspiring Solutions Through CAD/			
10:40 — 11:15 a.m.	August Bruguera, TPD Essential Steps in Esthetic Dentistry					
11:20 a.m. — 12:00 p.m.	Oswaldo Scopin de Andrade, DDS, MS, PhD Adhesive Oral Rehabilitation: Guidelines for Clinical Longevity in	2:40 — 3:25 p.m.	CAM Technology Keith Phillips, DMD, MSD, CDT Implant Supported Prostheses for the Patient with Terminal Dentition			
12:05 — 12:55 p.m.	Minimally Invasive Indirect Restorations Graduate Prosthodontic Presentations	3:25 — 3:45 p.m.	Coffee Break Exhibits Open Digital Poster Presentations			
	12:05 – 12:15 p.m. Natalie Baker, DMD Characterization and Biocompatibility of Transparent Nanotubules on Hybrid Ti/ZrO2 12:20 – 12:35 p.m.	3:50 — 4:20 p.m.	Daniel Galindo, DDS, FACP The Biomechanical Dilemma of Immediate Loading			
		4:25 — 4:50 p.m.	Ace Jovanoski, DMD, MCDT & Robert Naples, DDS Dental Implant Therapy in the Head and Neck Cancer Patient using Guided Surgical Techniques and Immediate Function			
	Leandro Carneiro, DDS Novel Semi-destructive Biomechanical Osseointegration Test					
	12:40 – 12:55 p.m. Lauren Manning, DDS Experimental Evaluation of Discoidin Domain Receptor 2 as an Ideal Target for Development of Disease- modifying Osteoarthritic Drugs	4:55 — 5:20 p.m.	Thomas Graber Beck, SCDT & Alejandro Treviño Santos, DDS, MSc Bar Structures and Overdentures T&T Approach			
		5:20 — 5:30 p.m.	Question & Answer Session			
12:55 — 2:15 p.m.	Break for lunch in the Exhibit Hall	5:30 p.m.	Sessions Adjourn			
		7:30 p.m.	Digital Poster Presentations Adjourn			
		5:30-7:30 p.m.	Reception in the Exhibit Hall			
FRIDAY, FEBRUARY 27, 2015						
7:30 — 8:30 a.m.	Members Business Meeting & Breakfast	11:00 — 11:25 a.m.	Oscar Gonzáles-Martín, DDS, MSc The Influence of the Implant			
8:00-8:35 a.m.	Continental Breakfast	11 20 10 05	Abutment Design on Final Aesthetic			
8:35 a.m.	Opening Comments Antonio Bello, DDS	11:30 a.m. — 12:05 p.m.	José Carlos Martins da Rosa, DDS, MSc, PhD Immediate Dentoalveolar Restoration			
8:40 — 8:45 a.m.	Presentation of the Graduate Prosthodontic Research Award		- Labial Contour Grafting at the Time of Immediate Placement and			
8:50 — 9:25 a.m.	Carlo Marinello, Dr. Med. Dent., MS The Future of (Removable) Prosthodontics is Digital?	12:10 — 12:30 p.m.	Provisionalization Jacopo Castelnuovo, DDS, MSD Titanium Reinforced Interdental			
9:30 — 10:25 a.m.	Tal Morr, DMD, MSD Prosthetic Management of the		Peaks as a Simple Method for Papilla Preservation			
10.05 10.45	Adolescent Partially Edentulous Patient	12:35 — 1:20 p.m.	Greggory Kinzer, DDS, MSD			
10:25 — 10:45 a.m.	Coffee Break		The Conservative Prosthodontic Treatment Approach?			
10:50 — 10:55 a.m.	Presentation of Digital Poster Awards	1:20 - 1:30 p.m.	Question & Answer Session			
		1:30 p.m.	Meeting Adjourns			
			-			



View the event schedule and speaker information on your mobile device:

All information, including session surveys, may be accessed at messageblocks.com/aps2015

THURSDAY, FEBRUARY 26, 2015

8:05 - 8:25 a.m.

ARE YOU EVER LUCKY TO BE PRACTICING PROSTHODONTICS TODAY!

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

- Three of the most important advances in dentistry over the last 70 years
- Four of the most important advances in prosthodontics over the last 70 years
- Why practicing prosthodontics has made dentistry such a wonderful profession in the last 30-40 years, according to this speaker



GERALD GRASER, DDS, MS

Dr. Gerald Graser earned his dental degree at the University at Buffalo School of Dentistry and then earned his prosthodontics certificate at Eastman Dental Center in 1972, followed by his master's degree from the University of Rochester in 1975.

He is a former President of the American Prosthodontic Society, the Academy of Osseointegration, the Academy of Prosthodontics, and the Prosthodontic Section of the International Association of Dental Research. He has been a member of numerous other professional organizations, including The American College of Prosthodontics, The American College of Dentists, The Greater New York Academy of Prosthodontics, The Society for Geriatric Dentistry, and The Pierre Fauchard Academy. He has published and lectured extensively about overdentures, dental materials, and osseointegrated dental implants. Dr. Graser served as Chairman of the Eastman Institute for Oral Health (EIOH) Prosthodontics Department from 1977-2006 and Program Director from 1977-2001. He is currently Professor Emeritus and continues to teach part-time at FIOH

8:30 - 9:25 a.m.

MYTH OF ANTERIOR GUIDANCE

An articulator has a limited ability to duplicate or mimic patient's functional movements. This creates a disadvantage for the laboratory technician to provide a significant collaborative role. In addition, the role of anterior guidance is an assumption based on the concept of "mutual protection," not biology. The problem of resolving biological concerns with mechanical solutions is not logical. When our patients undergo mastication, the guidance we create may overload the anterior teeth leading to excessive friction, structural failure, tooth mobility, spacing, and temporomandibular dysfunction. This lecture will explore this paradox and develop better ways to reduce these risks by understanding our individual patient's masticatory system and provide better communication keys to the laboratory.

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

- Understand the envelope of function specific to the patient being treated
- Create the communication keys necessary for the laboratory technician
- Understand that material selection cannot overcome improper occlusal management



JOHN C. KOIS, DMD, MSD

John C. Kois, DMD, MSD, received his DMD from the University of Pennsylvania, School of Dental Medicine and Certificate in Periodontal Prosthodontics with a MSD degree from the University of Washington, School of Dentistry. He maintains

a private practice limited to Prosthodontics in Tacoma and Seattle and is an Affiliate Professor in the Graduate Restorative Program at the University of Washington. Dr. Kois continues to lecture nationally and internationally, is a reviewer for many journals and is the co-Editor in Chief for The Compendium of Continuing Education in Dentistry. Dr. Kois is the recipient of the 2002 Saul Schluger Memorial Award for Clinical Excellence in Diagnosis and Treatment Planning, and received a Lifetime Achievement Award from both the World Congress of Minimally Invasive Dentistry and the American Academy of Cosmetic Dentistry. He is the Past President of both the American Academy of Restorative Dentistry and the American Academy of Esthetic Dentistry and a member of numerous other professional organizations. In addition, he continues to work with restorative dentists at the Kois Center, a didactic and clinical teaching program.

9:30 - 10:15 a.m.

SURGICAL AND RESTORATIVE SOLUTIONS AROUND NATURAL TEETH AND IMPLANTS IN HEALTHY AND PERIODONTALLY COMPROMISED PATIENTS

Achieving esthetics in dentistry is one of the most challenging issues in dentistry and has become a persistent topic in all specialties. The patient seeks not only a functional restoration or an implant that is osseointegrated, but also an optimal esthetic result, which has led to ever-increasing patient 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 all lead to different esthetic problems, such as elongated teeth. altered gingival margins and 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's esthetic expectations. This presentation will focus on the solutions to these problems, on an adequate diagnosis of the different sites, on the forecast of the clinical outcome and on the technical solutions, which, in most cases, require a multidisciplinary approach and a thorough knowledge of the restorative materials and protocols, involving the effort of the entire dental team

At the conclusion of this lecture participants will have gained an understanding of:

- Selecting the right treatment for the right patient
- The key factors necessary to establish the prognosis of our treatment
- The importance of protocols and materials to obtain a natural smile



ANDREA RICCI, DMD

Dr. Andrea Ricci graduated from the University of Perugia in 1996. After a three-year training program, he achieved the Certificate in Advanced Prosthodontics at the University of Southern California in Los Angeles. Since 1999 he limits his practice to

prosthodontics, periodontology and implant dentistry with special emphasis in the esthetic areas. His office is one of the leading dental centers in the world. He is the Scientific Director of the Institute of Dental Education and Therapy. He is an active member of the European Academy of Esthetic Dentistry, associate member of the American Academy of Restorative Dentistry, active member of the Italian Academy of Esthetic Dentistry and active member of the Italian College of Prosthodontics. Co-author of several papers published in international journals, he has lectured extensively in Europe, the United States, China, Singapore, Saudi Arabia and in Japan.

10:40 - 11:15 a.m.

ESSENTIAL STEPS IN ESTHETIC DENTISTRY

There have been substantial changes to dental preparations during the evolution of esthetic dentistry. Not long ago, when a restoration on an anterior tooth was needed, we had to start from a 360 degree straight shoulder if we wanted to achieve excellence. Today, with the properties of the adhesive cementation techniques, our vision is more conservative and noninvasive. In this session, we will show you the possibilities that offer us these kind of restorations and their feasibility. We will also analyze how we can implement the injected ceramics in the implantlogy and the comparison with other materials from generations past. like zircon.

At the conclusion of this lecture participants will have gained an understanding of:

- How to choose the best color ceramic ingot to press a ceramic coping
- A new technique to press ceramic table tops
- · A new concept to take the color



AUGUST BRUGUERA, TPD

August Bruguera, TPD, is an ACADEN honors member, author of articles published in national and international magazines; the book "Sombras, un mundo de color" (trans. "Shadows, a world of colour"). edited in Spanish. English.

Korean and German; and of the book, "Invisible" with Dr. Sidney Kina, edited in Portuguese, Spanish, English, German, Japanese, Italian and Korean. He speaks at courses and conferences in national and international congress. In 2003, Bruguera received the Golden Bistoury Award.

THURSDAY, FEBRUARY 26, 2015

11:20 a.m. - 12:00 p.m.

ADHESIVE ORAL REHABILITATION: GUIDELINES FOR CLINICAL LONGEVITY IN MINIMALLY INVASIVE INDIRECT RESTORATIONS

Laminate ceramic veneers are a predictable treatment option for esthetic anterior restorations. When bonded to enamel, this modality of treatment allows the clinician to obtain a long-term, stable result. Utilizing current laboratory techniques associated with a strict clinical bonding protocol, it is possible to deliver very thin restorations, with minimal loss of hard tissue not only in anterior restorations. This presentation will show how tooth preparation techniques based on the laminate veneer concept have changed the way we plan, execute, deliver and control a full mouth oral rehabilitation.

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

- Determine how the laminate veneer concept has changed tooth preparation on all levels
- Understand the advantages of minimally invasive indirect restorations
- Learn how to develop a treatment plan for an adhesive oral rehabilitation



OSWALDO SCOPIN de ANDRADE, DDS, MS, PhD

Dr. Oswaldo received his DDS degree from State University of Campinas School of Dentistry, in Piracicaba, São Paulo, Brazil, in 1990. In 1996 he received the Certificate of the Advanced

Post Graduated Program in Prosthodontics at New York University College of Dentistry. After this period he stayed as a Teaching Fellow, in the Department of Prosthodontics at NYU. He returned to Brazil in 1997, where he settled in Piracicaba, where he maintains a private practice emphasizing Implant and Restorative Esthetic Dentistry. He also received a master's degree and PhD degree in Prosthodontics from the State University of Campinas School of Dentistry. Dr. Oswaldo has published several articles focusing on esthetic dentistry, prosthodontics and oral implantology. He is on the editorial board of several publications in Brazil and is also a member of the Scientific Editorial Board of QDT Year book, by Quintessence International. In the educational area, Dr. Oswaldo is the Director of the Advanced Program in Implant and Esthetic Dentistry, Dentistry, SENAC University, São Paulo, Brazil for more than 10 years. Since 1998, he has dedicated himself to teaching esthetic and implant dentistry at the post-graduate level in several institutions, congresses and events worldwide.

12:05 - 12:15 p.m.

CHARACTERIZATION AND BIOCOMPATIBILITY OF TRANSPARENT NANOTUBULES ON HYBRID TI/ZRO2

(Graduate Prosthodontic Presentation)
Titanium nanotube surfaces represent a growing field of dental research because of the potential for improved cell adhesion. Given the inconclusive research regarding the quality of osseointegration of zirconia as compared to titanium, we propose that surface modification of zirconia with translucent titanium nanotubes may enhance its biocompatibility and long-term success, and may still result in improved esthetic outcomes as compared to titanium implants in cases of thin gingival biotype and gingival recession.



NATALIE BAKER, DMD

Dr. Baker will earn an Advanced Prosthodontics and MSc from the University of Illinois at Chicago College of Dentistry in May 2015. She graduated from New Jersey Dental School in 2012 with her DMD. Dr. Baker is a graduate of the

Health Careers Program from Harvard University. She is the recipient of the 2011 Outstanding and Dedicated Service Award from New Jersey Dental School; the 2012 Prosthodontics Award from New Jersey Dental School and was the Student Research Grant in 2013 from the Academy of Prosthodontics.

12:20 - 12:35 p.m.

NOVEL SEMI-DESTRUCTIVE BIOMECHANICAL OSSEOINTEGRATION TEST

(Graduate Prosthodontic Presentation)
The aim of this study was to evaluate the correlation between turnout-torque removal testing and osseointegration of dental implants. The study was a randomized, split mouth design with implants placed in dog mandibles. Removal turnout-torque was applied with a newly custom designed extractor. The histological analysis of implants submitted to both biomechanical and histomorphometric tests demonstrated, for the first time, that bone-to-implant contact values are in agreement with the strength of osseointegration as measured by turn-out torque removal testing.



LEANDRO CARNEIRO, DDS

Dr. Leandro Carneiro obtained his dental degree from the Gama Filho University, Brazil in 2002. He earned a DSc in Oral Biology from Boston University 2010 and a certificate for AEGD training at the University of Rochester in Rochester NY in

2013 where he is currently a resident in the Periodontics department. Dr. Carneiro has publications on the field of proteomics. His research focuses are now on the field of dental implants and osseointegration.

12:40 - 12:55 p.m.

EXPERIMENTAL EVALUATION OF DISCOIDIN DOMAIN RECEPTOR 2 AS AN IDEAL TARGET FOR DEVELOPMENT OF DISEASE-MODIFYING OSTEOARTHRITIS DRUGS

(Graduate Prosthodontic Presentation) A number of conditions produce pain and dysfunction of TM joints (TMD), eventually leading to difficulty opening or closing the mouth freely, as well as problems with chewing and swallowing. Although the precise etiology of TMD is unknown, it is generally accepted that there are three major conditions that produce TMD, including myofascial pain; internal derangement; and degenerative joint disorders secondary to articular cartilage degeneration. Therefore, a molecular understanding of the articular cartilage degeneration process will provide critical information for a new therapeutic protocol to treat TMD. The goal of this study is to evaluate if the complete removal of DDR2 from the knee joint of an adult mouse's articular cartilage can delay progression of osteoarthritis prior to or after initiation of articular cartilage degeneration.



LAUREN MANNING, DDS

Dr. Lauren Manning was born and raised in Wilson, North Carolina. She received her bachelor degrees in biology and chemistry, summa cum laude, from East Carolina University and received her Doctor of Dental Surgery degree from the

University of North Carolina School of Dentistry in Chapel Hill, North Carolina. She is a member of the American College of Prosthodontists, Harvard Odontological Society, Massachusetts Dental Society and the American Dental Association. Currently enrolled in the DMSc post-doctoral prosthodontics program at the Harvard School of Dental Medicine in Boston, she is studying articular cartilage degeneration and osteoarthritis in the lab of Dr. Yefu Li.

2:15 - 2:35 p.m.

WITH DILIGENCE TOWARD NEW HORIZONS! INSPIRING SOLUTIONS THROUGH CAD/CAM TECHNOLOGY

In his lecture, Enrico Steger, inventor of the full contour zirconia restoration Prettau® Bridge will provide new concepts and ideas which can be realized with the broad diversity of materials and CAD/CAM systems, especially in regard to manufacturing individual, natural-looking prostheses. He will demonstrate all the possibilities of CAD/CAM technology: short- and long-term temporaries made from resin, full contour zirconia restorations and titanium primary structures everything milled in your own laboratory. A passionate dental technician, Mr. Steger will put the laboratory's added value in the foreground. Furthermore, he will explain how to work on the basis of a patient's physiognomy and how to use an intelligent digital tooth library. In addition he will set out the needs and opportunities of intelligent workflow design with a live demonstration of the software. Known as a dental visionary, he will be giving a glimpse into future innovations in the dental sector. He will, of course, gladly answer any questions which may arise during the presentation.

At the conclusion of this lecture participants will have gained an understanding of:

- Material diversity and various applications of CAD/ CAM Technology (in-house milling of titanium)
- Natural-looking prostheses on the basis of the patient's physiognomy
- Needs and opportunities of intelligent workflow design



ENRICO STEGER. MDT

After five years of high school at the Institute for Dental Technicians in Bolzano/South Tyrol and various jobs as a dental technician throughout Europe, in 1981 he set up his own dental laboratory. In 1986, with the publication of his book "The

Anatomic Chewing Surface" he attracted attention and started publishing papers in specialist journals and became a guest speaker in conferences all over the world. In 2003, Mr. Steger had the revolutionary idea to develop the manual zirconium milling machine and the company Zirkonzahn Srl was founded. As the inventor of the manual milling system for zirconia, the CAD/CAM System 5-TEC, the Prettau® Zirconia and Prettau® Bridge, he is one of the world's leading experts and trendsetters in the dental sector.

THURSDAY, FEBRUARY 26, 2015

2:40 - 3:25 p.m.

IMPLANT SUPPORTED PROSTHESES FOR THE PATIENT WITH TERMINAL DENTITION

Many options exist to restore edentulous arches. Fixed removable hybrid prosthetic therapy has become a viable option for the edentulous or terminal dentition patient. Many implant companies have embraced this exciting treatment option including All-on-4® (Nobel Biocare), SmartFix™ (Dentsply) and others. However, hybrids can pose challenges even for the dentist that is skilled in removable prosthetics and implants. This lecture will focus on introducing the dentist to the hybrid procedure from treatment planning through surgery and the final prosthetics. Emphasis will be placed on avoiding common hybrid treatment errors.

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

- Understand space relationships of various prosthetic designs
- Understand surgical-prosthetic-technical interrelationships
- Understand planning dental implants in relation to available bone



KEITH PHILLIPS, DMD, MSD, CDT

Keith M. Phillips received his DMD from the University of Pennsylvania School of Dental Medicine, a certificate in Prosthodontics with an MSD from the University of Washington and is a diplomate of The American Board of Prosthodontics, as well as a fellow

in the American College of Prosthodontists. After completion of his postdoctoral training, Dr. Phillips became Assistant Professor of Restorative Dentistry at the University of Pennsylvania School of Dental Medicine as well as Chief of Restorative Dentistry at the University of Pennsylvania Medical Center. Dr. Phillips returned to the University of Washington to become the Director of the Graduate Program in Prosthodontics from 1996 to 2004 and was Associate Director from 2004 to 2009. He is currently an Affiliate Associate Professor at the University of Washington, The University of Southern California, The University of Pennsylvania, and Tufts University. He is also a guest lecturer at the Kois Center in Seattle, Washington and the Ickert Teaching Centre in Vancouver, British Columbia. He is a reviewer for numerous journals and is Associate Editor for the "Journal of the American Dental Association". He maintains a private practice in Tacoma, Washington, with major areas of focus on periodontal prosthodontics, implant surgery and implant assisted oral reconstruction.

3:50 - 4:20 p.m.

THE BIOMECHANICAL DILEMMA OF IMMEDIATE LOADING

The concept of immediate function has become a common treatment modality in the management of edentulous, or about to become edentulous, patients desiring to avoid multiple procedures and treatment completed in a reasonable amount of time. This presentation will focus on the variables dictating immediate function such as implant size and shape, implant site and anatomical limitations, primary stability, anterior/posterior distribution, and biomechanics and their role in successfully achieving osseointegration under the immediate function protocol. The biologic and clinical rationale for these variables will allow us to understand when to move forward with immediate function or when to choose a conventional protocol.

At the conclusion of this lecture participants will have gained an understanding of:

- Comprehensive protocol for immediate function in full arch restorations
- Diagnosis and treatment planning for immediate function
- Solving clinical complications from immediate function



DANIEL F. GALINDO. DDS. FACP

Dr. Daniel F. Galindo received his dental degree (1992) from Universidad Javeriana School of Dentistry in Bogota, Colombia and his certificate in prosthodontics (1999) from the University of Rochester Eastman Dental Center. He served

as Assistant Professor (1999-2002) in the Department of Prosthodontics and Operative Dentistry at the University of Connecticut School of Dental Medicine and is currently Clinical Assistant Professor at the University of Rochester Eastman Institute for Oral Health. Dr. Galindo is a diplomate of the American Board of Prosthodontics, a fellow of the American College of Prosthodontists and an active member of the Academy of Osseointegration, the American Academy of Fixed Prosthodontics and the American Prosthodontic Society. He is in full-time private practice in Phoenix, Arizona, dedicated to implant, esthetic and restorative dentistry.

4:25 - 4:50 p.m.

DENTAL IMPLANT THERAPY IN THE HEAD AND NECK CANCER PATIENT USING GUIDED SURGICAL TECHNIQUES AND IMMEDIATE FUNCTION

The world of implant dentistry is dynamic, complex and constantly evolving. Similarly, cancer treatments are ever advancing and the result is more and longer living survivors. Head and neck cancer patients often receive a combination of surgery, chemotherapy and radiation treatments. This combination has effects on adjacent healthy tissues. We address an opportunity to serve these patients using guided surgery for implant placement and immediate functional appliances. We will share some cases successfully treated with our protocol and review current thoughts on treating this patient population.

At the conclusion of this lecture participants will have gained an understanding of:

- Contemporary management of head and neck cancer patients
- Concepts of dental management of head and neck cancer patients
- A technique for rehabilitation of head and neck cancer patients using guided implant surgical planning and immediate function



ACE JOVANOVSKI, DMD, MCDT

Dr. Ace Jovanovski graduated from Case Western Reserve University in Cleveland, Ohio, with a triple major in Biology, Chemistry and Psychology in 2001. He received his DMD at Case Western School of Dental Medicine. He graduated from the Advanced

Prosthodontics program at Louisiana State University. He is the only dentist in the world that has achieved a Master Certificate in Dental Technology (MCDT), as recognized by the National Board for Certification in Dental Technology. His achievements in advanced education include receiving his fellowship award within the distinguished Internal College of Oral Implantologists. He is a member of the American Dental Association, American College of Prosthodontics, Texas Dental Association, Capital Area Dental Society, American Academy of Cosmetic Dentistry, International College of Oral Implantologists and the Academy of Osseointegration. Dr. Jovanovski and his wife Sarah, who is an orthodontist, recently opened their practices in the same building in Round Rock. Dr. Jovanovski also devotes a portion of his practice to hospital dentistry at Scott and White Hospital in Temple, Texas.



ROBERT J. NAPLES, DDS

Dr. Robert J. Naples completed his undergraduate studies at the University of Texas at Austin, where he graduated in 1990. He received his doctorate degree in 1994 from the University of Texas Health and Science Center in San Antonio, as

a cum laude graduate. Dr. Naples completed his surgical internship training at Emory University in Atlanta, Georgia. His final four years of Oral and Maxillofacial surgical training were fulfilled at the Medical University of South Carolina in Charleston, South Carolina. Dr. Naples has maintained his Oral and Maxillofacial private practice in Round Rock, Texas since 2000. He has vast knowledge and experience in the following areas: dental implants, wisdom teeth removal, orthognathic and reconstructive surgery. He is an active member of the American Association of Oral & Maxillofacial Surgeons, Areademy of Osseointegration and Texas Dental Association.

THURSDAY, FEBRUARY 26, 2015

4:55 - 5:20 p.m.

BAR STRUCTURES AND OVERDENTURES T&T APPROACH

We all have experienced the use of dental attachments in both fixed and removable restorations, and bringing precision attachments to implant dentistry is a natural development. In edentulous jaws with implant-supported overdentures, there is not much room to innovate new concepts but Prof. Dr. Aleiandro Treviño Santos and Thomas Graber Beck, SCDT, will review known concepts and analyze, in an evidence-based team approach, the advantages of favorable techniques and materials, splinting implants and the type of attachment. The number, size and distribution of implants for a fullarch removable prostheses needs to be based on the implant-prosthodontic plan, arch form and bone volume, regardless of the loading protocol. Therefore, careful case selection and treatment planning, as well as adequate knowledge, skill and experience of the clinician performing the procedures are key. Our goal is to anticipate and facilitate maintenance of overdentures and show techniques to plan easy prosthetic solutions with predictable bar structures design for any implant-supported overdentures.

At the conclusion of this lecture participants will have gained an understanding of:

- · Concepts of bars and attachments
- Problems related to attachments and overdentures
- A simple approach for successful management of bars and overdentures



ALEJANDRO TREVIÑO SANTOS, DDS, MSc

Dr. Alejandro Treviño Santos, DDS, MSc, received his undergrad degree in Prosthodontics Training and his Masters in Science at UNAM. Dr. Treviño Santos is the past President of the Mexican Academy

of Prosthodontics. He is a fellow of the International College of Dentist, the Pierre Fauchard Academy and of the International Team for Implantology (ITI). He is an Education Delegate of the ITI and a Mexican Section Member of the International Committee of Education Core Group of the ITI.



THOMAS W. GRABER BECK, SCDT

Thomas W. Graber Beck, graduated in Switzerland as dental technician, he has worked in Los Angeles and Mexico the past 25 years, specializing in modern materials and aesthetic dental restorations. Innovations in fixed

and removable implant prosthesis have been his passion to resolve complex implant cases with new materials and CAD/CAM technology. Since 1988 he operates the EPS dental laboratory in Cuernavaca, Mexico.

Mr. Graber Beck is a member of the American Prosthodontics Society, International Team for Implantology and honorary member of International College of Dentists, honorary member of the Pierre Fauchard Academy and honorary member of the Mexican Academy of Prosthodontic APP. He has lectured for 20 years as a dental technology pioneer in Central and South America, as well as given hands-on clinics in the United States, Italy and Switzerland.

FRIDAY, FEBRUARY 27, 2015

8:50 - 9:25 a.m.

THE FUTURE OF (REMOVABLE) PROSTHODONTICS IS DIGITAL?

Digital technology is one of the fastest-growing segments in dentistry worldwide and digital procedures are increasingly determining clinical dentistry and technology. Digitalization in dentistry should provide benefits in terms of efficiency, productivity and quality of care. We expect a high impact in teaching, diagnostic evaluation, impression taking and fabrication of restoration. Various workflows, including fixed and removable prosthodontics, are presented and evaluated. Demographics still show a high incidence of edentulism. Special emphasis is given to CAD/CAM procedures fabricating simple acrylic complete dentures as well as more complex high-tech ceramic superstructures, including a comprehensive summary of the scientific background.

At the conclusion of this lecture participants will be able to or have an understanding of:

- Various digital developments in teaching prosthodontics
- Various digital possibilities in diagnostics, impression taking and fabrication of restorations



CARLO MARINELLO, DR. MED. DENT., MS

Dr. Marinello was the Assistant/ Associate professor at the Department of Fixed and Removable Prosthodontics and Dental Material Sciences, University of Zurich from 1981-1989. From 1989-1995, he

was the visiting research professor at the Department of Periodontology, University of Gothenburg. Since 1995, Dr. Marinello has been Chairman of the Clinic of Reconstructive Dentistry and Temporomandibular Disorders, University of Basel. He is also a Past President of the APS. 9:30 - 10:25 a.m.

PROSTHETIC MANAGEMENT OF THE ADOLESCENT PARTIALLY EDENTULOUS PATIENT

All too often we see young patients with congenitally missing teeth or teeth lost to trauma. Due to the stages of growth and development of the adolescent patient, it is paramount to take this into consideration relative to replacement of the missing teeth with prosthetics. Understanding the options for prosthetic replacement, when to use what type and timing of tooth replacement is critical for long-term success. Not only is it important from an esthetic and functional perspective, but also from a psychological development perspective, as these patients are in a very important developmental stage in their lives. Having a comprehensive plan based on growth and development will ensure a predictable result while allowing the patient to function normally in society.

At the conclusion of this lecture participants will have gained an understanding of:

- Options for tooth replacement in the young patient
- Timing of restorations and considerations for both implant placement and prosthetic replacement
- The psychological factor of tooth replacement and its effect on decision making



TAL MORR, DMD, MSD

Dr. Tal Morr maintains a private practice in Aventura, Florida limited to esthetic, implant and complex restorative dentistry. Dr. Morr received his DMD degree from Tufts University School of Dental Medicine. He then went on to study

at the University of Washington Prosthodontic program where he received a certificate in prosthodontics and a Masters of Science in Dentistry degree. Dr. Morr is an internationally recognized speaker on various topics such as esthetics, implants and full mouth rehabilitation, as well as being a published author on esthetically related dental topics such as veneers, implants and complex prosthetics. Dr. Morr is a member of numerous professional organizations, such as the American College of Prosthodontics, the American Academy of Esthetic Dentistry, the American Academy of Restorative Dentistry and the American Dental Association, as well as many local study clubs.

FRIDAY, FEBRUARY 27, 2015

11:00 - 11:25 a.m.

THE INFLUENCE OF THE IMPLANT ABUTMENT DESIGN ON FINAL ESTHETIC

While tissue volume at anterior implants is key to esthetic success, the adequate management of the provisional and definitive restoration become crucial to obtain optimal esthetic results. The design of the prosthetic components will make an impact on the position and shape of the gingival margin and the final support/volume of the soft tissue. The concept of the critical/subcritical contour helps us to better understand the peri-implant soft tissue dynamic in relation to the prosthetic design. During this lecture we will describe the concept of the critical/subcritical contour and discuss the role of abutment contour modifications at these zones on the peri-implant soft tissues, including the gingival margin level, gingival architecture and gingiva color.

At the conclusion of this lecture participants will have gained an understanding of:

- Influence of the provisional restoration on the pink esthetic
- Critical/Subcritical Contour Concept for prosthetic design
- New technologies for abutment design



OSCAR GONZÁLEZ-MARTÍN, DDS, MSc

Dr. Oscar Gonzalez-Martín received a DDS degree from the University of Seville. In 2005 he earned an MS degree in Periodontics and Periodontal Prosthesis from the University of Pennsylvania. He is

a diplomate of the American Board of Periodontics. In 2010, he joined the Fixed Prosthodontic and Occlusion Department at the University of Geneva School of Dental Medicine as a visiting faculty member. Currently, he teaches graduate Periodontology at the University Complutense of Madrid and combines teaching with his private practice limited to periodontics, prosthetics and implants.

11:30 a.m. - 12:05 p.m.

IMMEDIATE DENTOALVEOLAR RESTORATION -LABIAL CONTOUR GRAFTING AT THE TIME OF IMMEDIATE PLACEMENT AND PROVISIONALIZATION

The Immediate Dentoalveolar Restoration (IDR) is a surgical and prosthetical technique developed more than seven years ago from the need to minimize the treatment time and morbidity of reconstructive procedures used in compromised fresh sockets. It was also the theme of the book of the same name launched in Portuguese, Spanish and English languages.

In the lecture we will discuss the scientific basis, the technique protocol and indications. The IDR technique, which advocates minimally invasive surgery and flapless procedures, will be presented as a viable and reproducible treatment alternative.

During the presentation we will also see several cases, which showed one or more compromised socket walls, with or without changes of the gingival margin. Some of these cases were given clinical, radiographic and CT scan follow-up for more than seven years.

At the conclusion of this lecture participants will have or gained an understanding of:

- The principles and indications of the Immediate Dentoalveolar Restoration IDR concept
- How to harvest an autogenous bone graft from maxillary tuberosity
- Management of the graft and complete reconstruction of the alveolar defect



JOSÉ CARLOS MARTINS DA ROSA, DDS, MSC, PHD

Dr. José Carlos Martins da Rosa graduated from the Federal University of Santa Maria in 1988 and with his specialization course in Periodontics, from São Paulo Association of Dental

Surgeons in 1991. He has also earned specialization in prosthodontics from the Center of Dental Research São Leopoldo Mandic in 2003. Dr. Rosa earned his Master of Science in Prosthodontics at the Center of Dental Research São Leopoldo Mandic in 2005 and his PhD in Oral Implantology, Center of Dental Research São Leopoldo Mandic, in 2013. He is the author of the book "Immediate Dentoalveolar Restoration—Immediately Loaded Implants in Compromised Sockets" and is currently in private practice in Caxias do Sul/RS, Brazil.

12:10 - 12:30 p.m.

TITANIUM-REINFORCED INTERDENTAL PEAKS AS A SIMPLE METHOD FOR PAPILLA PRESERVATION

Esthetic failure within the esthetic zone can be caused by the presence of interdental black triangles due to the loss of interdental papillae. The position of the osseous crest represents the main determinant for the papilla height, and therefore interdental bone peaks should be preserved both during and following dental treatment. Osseointegrated titanium implants maintain bone levels at the site where they have been inserted, and even when left non-loaded. Such property of osseointegrated titanium implants can be applied to preserve interdental bone peaks. A technique will be described on how to surgically insert small titanium bars within the interdental osseous peaks in order to prevent bone resorption and maintain papilla height when restoring both natural teeth and implants in the aesthetic zone.

At the conclusion of this lecture participants will have gained an understanding of:

- Importance of papilla preservation
- Clinical behavior of interdental papillae
- Role of titanium bars in preventing bone resorption



JACOPO CASTELNUOVO, DDS, MSD

Dr. Jacopo Castelnuovo graduated from the University of Rome, Tor Vergata, School of Dentistry, Italy in 1992. From 1994 to 1996, he was enrolled in the Combined Prosthodontics and Implant Dentistry Postgraduate Program at

Loma Linda University School of Dentistry, California. In 1999, Dr. Castelnuovo completed a three-year Postgraduate Program in Prosthodontics at the University of Washington School of Dentistry, in Seattle, Washington, where he received a Certificate in Prosthodontics and a Master of Science in Dentistry degree. Dr. Castelnuovo currently acts as an Affiliate Assistant Professor at the University of Washington School of Dentistry, Graduate Prosthodontics Program. He is a member of the American Academy of Restorative Dentistry and is a fellow of the International College of Dentists, European Section. Dr. Castelnuovo lectures extensively nationally and internationally, has published several articles in international journals and practices in Rome at the COR, Center for Oral Rehabilitation.

12:35 - 1:20 p.m.

THE CONSERVATIVE PROSTHODONTIC TREATMENT APPROACH?

It has been said that the goal of dentistry is to make the patient worse at the slowest rate possible. However, the treatment options presented to the patient are often reflective of the skills and bias of the practitioner, rather than what might be in the best interest of the patient and their teeth. The chosen treatment should be both minimally destructive and be supported by the literature, which requires the practitioner to have knowledge of the success/failure rates reported in the literature. This presentation will help open your eyes to treatment options that may be underutilized when considering treatment options today.

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

- Provide treatment options that preserve teeth/ tooth structure
- Present treatment options that may not be "main stream" in today's practice
- Discuss the success/failure rates with different treatment options in a variety of clinical situations



GREGGORY A. KINZER, DDS. MSD

Greggory Kinzer received his DDS degree from the University of Washington in 1995 and an MSD and certificate in Prosthodontics in 1998. Committed to advancing the art and science of restorative dentistry, Dr. Kinzer continues to

serve as an Affiliate Assistant Professor in the Graduate Prosthodontic program at the University of Washington School of Dentistry. He taught with Dr. Frank Spear at the Seattle Institute for Advanced Dental Education from 1998-2009 prior to joining the Spear Education faculty in Scottsdale, Arizona. In addition, Dr. Kinzer has written numerous articles and chapters and serves on the editorial review board for various dental publications. Dr. Kinzer is a gifted academician and clinician. His interdisciplinary approach to dentistry is founded in empirical-based research and clinical experience. Dr. Kinzer's unique ability to impart complex clinical processes in a logical, systematic and clear methodology differentiates him from other dental educators of our time. He maintains a private practice in Seattle limited to comprehensive restorative and esthetic dentistry.

Digital Poster Presentation

Thursday, February 26 7 a.m. – 7:30 p.m. Fover between St. Gallen and Montreux Ballrooms

This year's digital poster presentation will feature nearly 65 submissions. Posters will be digitally displayed in the foyer and within a searchable, online gallery following the conference. Refer to the Digital Poster Presentation handout for a listing of poster topics and presenters.

This program is generously supported through a grant from DENSPLY



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Graduate Prosthodontic Program

This year, the APS has attracted an exciting field of graduate student candidates for the 2015 Research Competition. Recruited by Chair Dr. Joseph Huryn, 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.

This program has again been facilitated by the generous support of the Editorial Council of The Journal of Prosthetic Dentistry.



APS Business Meeting

All registered members are invited to join the APS officers for the annual business meeting. Breakfast will be available.

> Friday, February 27, 2015 7:30 – 8:30 a.m. St. Gallen

> > Sponsored by





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 2015 APS 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 the onsite final 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.

SPEAKER CONFLICT DISCLOSURES

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

Natalie Baker, DMD
August Bruguera, CDT
Leandro Carneiro, DDS
Jacopo Castelnuovo, DDS, MSD
Daniel Galindo, DDS, FACP
Oscar Gonzalez-Martin, DDS, MSC
Thomas Graber Beck, SCDT
Gerald Graser, DDS, MS
Greggory Kinzer, DDS, MSD

John Kois, DMD, MSD
Lauren Manning, DDS
Carlo Marinello, Dr. Med. Dent., MS
Robert Naples, DDS
Keith Phillips, DMD, MSD, CDT
Andrea Ricci, DMD
Jose Carlos Martins da Rosa, DDS, MSc, PhD
Alejandro Treviño Santos, DDS, MSc

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

Oswaldo Scopin de Andrade, DDS, MS, PhD

Company: Ivoclar Vivadent, 3M Relationship: Lecturer

Ace Jovanovski, DMD, MCDT

Company: Resolve Dental Lab Product: Full Service Dental Laboratory Relationship: Coach, Owner/Stockholder Tal Morr, DMD, MSD

Company: Dentslpy, Astra Tech, Ivoclar Vivadent **Relationship:** Honorarium

Enrico Steger, MDT

Company: Zirkonzahn
Product: Dental Technology
Relationship: Owner/Stockholder



Exhibition Hall

Exhibits and digital posters will be held in St. Gallen and Montreux Ballrooms.

THURSDAY, FEBRUARY 26, 2015

7 – 8 a.m.

Continental Breakfast

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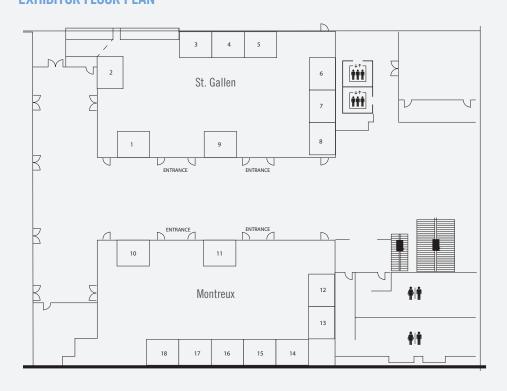
12:55 – 2:15 p.m. Lunch Break

3:25 – 3:45 p.m.

Coffee Break

10:15 – 10:35 a.m. 5:30 – 7:30 p.m. Reception

EXHIBITOR FLOOR PLAN



Award Recipients



Golden Medallion Award

Gerald Graser, DDS
The Golden Medallion Award
is issued periodically to
individuals whose contributions
to prosthodontics have been
exceptional. The American
Prosthodontic Society is proud

to present the Golden Medallion Award to Dr. Gerald Graser. Learn more about Dr. Graser on page 8.

Previous Golden Medallion Winners:

Dr. Gary Goldstein – 2014

Dr. Yasuma Akagawa – 2013

Dr. Tomas Albrektsson – 2012

Dr. Thomas D. Taylor - 2011

Dr. Charles Goodacre - 2010

Dr. John W. McLean – 2009

Dr. George Zarb – 2008

Dr. Howard A. Landesman - 2007

Dr. Peter E. Dawson – 2006

APS wishes to acknowledge the generous financial support of this award provided by the American Prosthodontic Foundation and Nobel Biocare.

American Prosthodontic Foundation





Kenneth D. Rudd Award

Mr. Enrico Steger
The American Prosthodontic Society is proud to present the eleventh Kenneth D. Rudd Award to Enrico Steger. This award was created to honor a Dental Technologist who has made a significant contribution

to the advancement of the dentist-dental laboratory technologist team concept, and who has made an impact in the Prosthodontic and Dental Laboratory communities. Learn more about Mr. Steger on page 10.

Previous Kenneth D. Rudd Award Winners:

Mr. Robert Kreyer, CDT - 2014

Ms. Elizabeth Curran, CDT, RDT - 2013

Mr. Arnold Wohlwend, CDT - 2012

Mr. Vincent V. Alleluia, MDT, CDT, TF - 2011

Mr. Matt Roberts, CDT - 2010

Mr. Willi Geller - 2009

Mr. Roosevelt Davis, MCDT, MS - 2008

Mr. Lee Culp, CDT - 2007

Mr. Robert Berger, CDT – 2006

Mr. Masahiro Kuwata - 2005

The generous funding of this award is provided by the Editorial Council of The Journal of Prosthetic Dentistry.



Join the APS Today!

Not already a member? Come grow with us! We invite you to apply for membership—whether you're a generalist, specialist, technologist or student, you will find a professional "home" in the APS. Visit the Resource Center in the registration area, where you can learn about the different categories and benefits of membership and submit your application. We look forward to you becoming a part of the American Prosthodontic Society!

Exhibitor Directory

AvaDent by Global Dental Science #5

15730 N 83rd Way, Suite 101 Scottsdale, AZ 85260 Phone: 480.275.7144

Website: www.avadent.com

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Website: www.bestcardteam.com

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Website: www.brasselerusa.com

Brasseler USA is a world leader in the manufacture of quality dental instrumentation; Rotary, Endodontic, Hand Instrument, Handpieces and Polishers.

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2101 Floyd St. Burbank, CA 91504 Phone: 800.336.3053

Website: www.burbankdental.com

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Website: www.dentsplyimplants.com

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570 W College Ave. York, PA 17405 Phone: 800.877.0020

Website: www.prosthetics.dentsply.com

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Exhibitor Directory

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Website: www.ceramirus.com

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175 Pineview Drive Amherst, NY 14228 Phone: 716.691.2977

Website: www.ivoclarvivadent.com

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Website: www.thommenmedical.com

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American Prosthodontic Foundation

2015 SILENT AUCTION

The American Prosthodontic Society, in conjunction with the American Prosthodontic Foundation, is hosting its second annual Silent Auction at this year's meeting. Serving as a mechanism for raising funds to benefit APS's educational activities, we encourage all attendees to participate and help us make this event a great success.

The auction will be located in the general session fover during the following times:

THURSDAY. FEBRUARY 26

7 a.m. – 7:30 p.m.

FRIDAY, FEBRUARY 27

7:30 - 10:45 a.m.

Checkout and item pickup: 11:30 a.m. – 1:30 p.m.

We encourage all attendees to support the APS and the Foundation through this exciting new program!

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THE AMERICAN PROSTHODONTIC FOUNDATION WISHES TO THANK THE FOLLOWING DONORS FOR THEIR SUPPORT IN 2014:

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Jennifer Fritz, DDS Gary Goldstein, DDS Gerald Graser, DDS, MS James Hudson, DMD Joseph Huryn, DDS Robert Kreyer, Jr., CDT Lloyd Landa, DDS Sungki Paik, DDS, PhD Rodrigo Paras, DDS James Soderstrom, DDS Dennis Stiles, DDS

For more information on the American Prosthodontic Foundation, or to make a contribution, please contact Dr. Dennis Stiles, President, at dstiles5@comcast.net.



Welcome to Our Newest Members

THE AMERICAN PROSTHODONTIC SOCIETY WOULD LIKE TO ACKNOWLEDGE AND WELCOME THE FOLLOWING NEW MEMBERS WHO JOINED APS IN 2013-2014:

DENTIST MEMBERS

Mohammad Abdin Tricia Adelsberger Safa Albarhrani Louie Al-Faraie Nasser Alhashim Salwa Baiunaid Junping Bergin Augusto Bibiano Luis Boza Gerardo Bracho Caroline Cesar

Miguel Colin Duncan Copp Claudia Cotca Javier Cruz Pasquel Carlyle Dahlquist Jaime De Leon

María Del Rocío Nieto Martínez Yesenia Dominguez

Ana Duran

Yoshiki Endo

Samuel Jaime Flizondo Garcia

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Barbara LaMere-Heck

lorge Luna Paez Marvse Manasse Laura Mardis Ana Mateos Kevin McCulloch Jason Megens Ricardo Mitrani Alfonso Monarres

Karla Monica Lopez Anh Nguven William O'Brien Karla Ontiveros

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