39th Annual USC International Periodontal and Implant Symposium

Connecting the dots: integration of scientific and clinical data in every day practice

Millennium Biltmore Hotel Los Angeles
General Sessions: Friday - Saturday, January 24 - 25, 2014
Dental Hygiene Forum: Saturday, January 25, 2014
Dental Hygiene Hands-On Workshop: Saturday, January 25, 2014
Hands-On Workshop III: Saturday, January 25, 2014
Hands-On Workshop IV: Saturday, January 25, 2014

Ostrow School of Dentistry of USC
Hands-On & Cadaver Workshop I: Wednesday, January 22, 2014
Hands-On & Cadaver Workshop II: Thursday, January 23, 2014
Hands-On & Cadaver Workshop V: Sunday, January 26, 2014
Hands-On & Cadaver Workshop VI: Sunday, January 26, 2014
Welcome

Dear colleagues and friends:

We are pleased to invite you to attend the 39th International USC Periodontal & Implant Symposium. The theme of this year’s symposium will be: “Connecting the dots: integration of scientific and clinical data in every day practice”. An enormous volume of clinical and scientific research is being conducted, however, investigators do not often clearly explain how the findings of these studies impact clinical practice or can be implemented by clinicians. Moreover, many of the developments are in various disciplines. A panel of internationally renowned experts will explain the inter-relationship among various disciplines. Some of the topics discussed include periodontal medicine implications on both periodontal disease and systemic health, the role of periodontal surgical procedures on orthodontic therapy, interrelationship between periodontal therapy and restorative therapy, nutrition, medical, surgical therapy of the sinus by ENT and oral surgical specialists, digital technologies in implant dentistry, as well as biological, surgical and restorative management of implants placed in extraction sockets. The program boasts five days with a diverse range of educational opportunities. In addition to the two-day general sessions, there are seven hands-on workshops, including four cadaver workshops. Although the majority of the general-session presentations are interdisciplinary in nature, there are also sessions designated as “Surgical Track”, “Restorative Track” and “Dental Hygiene Forum” that focus on specific disciplines. The program is sure to inspire you and provide materials, which are very germane to clinical practice. This is an educational opportunity not to be missed by the entire oral healthcare team, including specialists, restorative dentists, dental hygienists and dental technologists. We hope to see you all in Los Angeles in January 2014.

Homayoun Zadeh, DDS, PhD
Symposium Chair and Moderator
### Hands-On Cadaver Workshop (Wednesday, January 22, 2014 - Ostrow School of Dentistry of USC)
8:00 am - 5:00 pm
Cadaver Workshop #1: Vestibular Incision Subperiosteal Tunnel Access (VISTA): for minimally invasive soft tissue and bone augmentation (Homa Zadeh)

### Hands-On Cadaver Workshop (Thursday, January 23, 2014 - Ostrow School of Dentistry of USC)
8:00 am - 5:00 pm
Cadaver Workshop #2: Update 2014: Mandibular Block Autografts and Titanium Mesh Reconstruction (Michael Pikos)

### General Sessions (Friday, January 24, 2014 - Millennium Biltmore Hotel Crystal Ballroom)

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<tr>
<th>Time</th>
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<tr>
<td>8:00 am</td>
<td>Registration &amp; Continental Breakfast</td>
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<tr>
<td>8:45 am</td>
<td>Welcoming Remarks (Homayoun Zadeh &amp; Avishai Sadan)</td>
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<tr>
<td>9:00 am</td>
<td>Keynote Lecture: Mauricio Araujo (Keynote Speaker)</td>
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<td>9:50 am</td>
<td>Paul Weigl</td>
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<td>Coffee Break</td>
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<td>11:10 am</td>
<td>Fernando Rojas-Vizcaya</td>
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<td>12:00 pm</td>
<td>Round table interactive session with experts</td>
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### Extraction socket as an implant site

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<tr>
<td>1:45 pm</td>
<td>Marilene Wang</td>
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<td>2:35 pm</td>
<td>Jaime Lozada</td>
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<td>3:25 pm</td>
<td>Coffee Break</td>
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<td>3:55 pm</td>
<td>Michael Pikos</td>
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<tr>
<td>4:45 pm</td>
<td>Round table interactive session with experts</td>
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<tr>
<td>5:00 pm - 7:00 pm</td>
<td>Cocktail Reception</td>
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### Surgical Track - Crystal Ballroom

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<th>Time</th>
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<tr>
<td>Maxillary sinus</td>
<td>Periodontics &amp; Prosthodontics</td>
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<tr>
<td>1:45 pm</td>
<td>Marilene Wang</td>
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<td>Jaime Lozada</td>
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<td>Michael Pikos</td>
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<tr>
<td>4:45 pm</td>
<td>Round table interactive session with experts</td>
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<td>Cocktail Reception</td>
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### Restorative Track - Tiffany Ballroom

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<th>Time</th>
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<tr>
<td>1:45 pm</td>
<td>Kian Kar</td>
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<tr>
<td>2:30 pm</td>
<td>Nobuyasu Seto</td>
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<td>3:05 pm</td>
<td>Coffee Break</td>
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<tr>
<td>3:35 pm</td>
<td>Alireza Moshaverinia</td>
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<tr>
<td>4:15 pm</td>
<td>Fernando Vizcaya</td>
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### General Sessions - Crystal Ballroom (Saturday, January 25, 2014)

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<th>Time</th>
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<tr>
<td>7:30 am</td>
<td>Registration &amp; Continental Breakfast</td>
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<tr>
<td>8:00 am</td>
<td>Robert Genco (Keynote Speaker)</td>
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<td>8:50 am</td>
<td>Alexandre-Amir Aalam</td>
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<td>9:30 am</td>
<td>Robert Carvalho da Silva</td>
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<td>Coffee Break</td>
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<td>Giuseppe Romeo</td>
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<td>Lee Walker</td>
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<tr>
<td>1:15 pm</td>
<td>Hands-On Workshop #3: Immediate function on 4 tilted/axial implants</td>
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<td>2:10 pm</td>
<td>Hands-On Workshop #4: Extraction socket management</td>
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<td>3:00 pm</td>
<td>Coffee Break</td>
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<tr>
<td>3:30 pm</td>
<td>Hands-On Workshop: Microscope/loupe-assisted periodontal therapy</td>
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<tr>
<td>4:15 pm</td>
<td>Hands-On Workshop: Microscope/loupe-assisted periodontal therapy</td>
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<tr>
<td>5:00 pm</td>
<td>Meeting Adjourns</td>
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### Dental Hygiene Forum - Tiffany Ballroom (Saturday, January 25, 2014)

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<th>Time</th>
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<tr>
<td>8:00 am</td>
<td>Oral/systemic connection</td>
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<tr>
<td>8:50 am</td>
<td>Satish Kumar</td>
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<td>9:40 am</td>
<td>Camille Dieterle</td>
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<td>10:10 am</td>
<td>Coffee Break</td>
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<tr>
<td>10:40 am</td>
<td>Camille Dieterle</td>
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### Hands-On Workshops (Sunday, January 26, 2014 - Ostrow School of Dentistry of USC)

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<th>Time</th>
<th>Session</th>
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<tr>
<td>8:00 am - 5:00 pm</td>
<td>Cadaver Workshop #5: The surgical preparations needed for efficient acceleration of tooth movement (Thomas Wilcko)</td>
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<tr>
<td>8:00 am - 5:00 pm</td>
<td>Cadaver Workshop #6: Sinus Lift Surgery: The Treatment of the Atrophic Posterior Maxillae (Alexandre-Amir Aalam)</td>
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Keynote Presentations

Mauricio G. Araujo, DDS, MSc, PhD (BRAZIL)
Leo and Sydelle Ward Foundation Endowed Keynote Lectureship

Dr. Araújo is a Periodontist working both in private practice and at The State University of Maringa, Parana, Brazil. In 1987 he received his degree in dentistry from State University of Rio de Janeiro (Brazil), Master degree in Periodontology from São Paulo University (Brazil) in 1993, and Specialist certificate in Periodontology from Federal Board of Dentistry (Brazil) as well as PhD at The University of Gothenburg, Sweden in 1998. Dr. Araújo is Associate Professor of Periodontology and head of the Research Group in Periodontics and Implant Dentistry, State University of Maringá. He is also the senior-researcher at the Department of Periodontology, Gothenburg University. He has, together with his co-workers, published groundbreaking research in the fields of ridge alterations following tooth extraction, ridge preservation, bone formation in extraction sockets and immediate implant placement. He is an ITI Fellow, the ITI Chairman in Brazil, an Osteology Foundation Board member and serves as a member of the editorial board of several journals.

Topics: Keynote Presentation (Friday, January 24, 2014): Ridge preservation or ridge augmentation?
Hands-On Workshop IV: Extraction socket management

Robert J. Genco, DDS, PhD (USA)
Leo and Sydelle Ward Foundation Endowed Keynote Lectureship

Dr. Genco is Distinguished Professor of Oral Biology and Microbiology at the State University of New York at Buffalo. He also is Vice Provost and Director of the Office of Science, Technology Transfer, and Economic Outreach at UB. He is a member of the Institute of Medicine of the National Academy of Sciences and has served on several of its committees commissioned by the U.S. Government to study major health care issues such as Medicare coverage of new dental clinical advances, and barriers to clinical research. Dr. Genco has received many awards including the American Dental Association (ADA) Gold Medal for Excellence in Research, the ADA Award for Clinical Research, the UB Samuel B. Capen Alumni Award, and the SUNY Research Foundation Lifetime Achievement Award. He also received an honorary doctorate from Georgetown University.

He received a DDS, cum laude, from the University at Buffalo, and a PhD in Microbiology and Immunology from the University of Pennsylvania. He also is a Periodontist. Dr. Genco has published over 340 papers, edited 10 texts, and has been awarded 11 patents, and is a founding partner of Therex LLC, a local biotechnology company. Dr. Genco has conducted pioneering studies of the role of infections in increasing the risk for diabetes and cardiovascular disease and stroke. His earlier work established smoking, diabetes mellitus, obesity, low dietary calcium, osteoporosis, and stress as risk factors for periodontal infections. He also has studied tissue engineering as applied to periodontal and implant surgery. He has directed a Clinical Research Center for 30 years, and has served on 2 FDA panels.

Dr. Genco currently serves as Secretary of the Board of the Buffalo Museum of Science. He also serves on the Boards of the WNY Business Development Fund, and Excell Partners, 2 regional seed capital funds.

Topic: Keynote Presentation (Saturday, January 25, 2014): Periodontal medicine: implications for contemporary management of periodontitis

Join us for an evening of entertainment, food and drinks on Friday night!

An auction will be conducted to support USC Post-doctoral periodontology renovation, featuring arts and dental related products.
Speakers

Alexandre-Amir Aalam, DDS (USA)
Dr. Aalam graduated with a DDS degree from the University of Nice Sophia Antipolis, Nice (France). He subsequently specialized in Advanced Periodontics at the University of Southern California, Los Angeles. Dr. Aalam is a Diplomat of the American Board of Periodontology and a Diplomate of the American Board of Oral Implantology. The French Society and the California Society of Periodontology awarded Dr. Aalam for his contribution to clinical research in the field of implant dentistry. Dr. Aalam is a Clinical Assistant Professor of dentistry at USC. In 2012, Dr. Aalam was appointed as the USC dental school representative on the Board of Governors. He maintains a private practice in Brentwood CA, limited to Periodontics and Reconstructive Implant Dentistry. Dr. Aalam lectures and publishes in the field of dental implants and site development procedures. Topic 1: Enhancing restorative outcome with resective periodontal therapy
Topic 2: Hands-On Cadaver Workshop VI: Sinus lift surgery: The treatment of the atrophic posterior maxillae

Rebecca Bockow, DDS, MS (USA)
Dr. Bockow is a dual trained orthodontist and periodontist. She attended the University of Washington for dental school, and subsequently practiced as a general dentist in Seattle, WA for two years. She received her certificates in orthodontics and periodontics at the University of Pennsylvania while simultaneously completing a Masters in Oral Biology. Dr. Bockow is a Diplomate of the American Board of Orthodontics. She volunteers at the University of Washington School of Dentistry and is a regular contributing author to the Seattle Study Club Journal.
Topic: Goal-oriented treatment planning in corticotomy-facilitated orthodontics

Robert Carvalho da Silva, DDS, MS, PhD (BRAZIL)
Dr. da Silva is Professor at the Implante Perio Institute (São Paulo/Brazil). He received his dental degree in 1994 (Uberlândia Federal University), certificate in Periodontology in 1997 (Brazilian Dentistry Association/ Brasilia-FD), Master of Science and PhD in Periodontics (Piracicaba Dental School/ Campinas University, 2002 and 2004 respectively). He is also an ITI fellow, is author or co-author of several national and international papers and one of the author of the book: RECONSTRUÇÃO TECIDUAL ESTÉTICA : PROCEDIMENTOS PLÁSTICOS E REGENERATIVOS PERIODONTAIS E PERI-IMPLANTARES. He was the first recipient of the first edition of the E. Bud Tarson award granted by the AAP in 2005, and one of the winners of “Growth against recession – Esthetic Case Competition” published in “Straumann® Emdogain - Esthetic Case Book, 2011.”
Topic 1: Gingival margin discrepancies around teeth: gummy smile and root coverage
Topic 2: Simultaneous aesthetic tissue reconstruction around implants regenerative and plastic approaches to place implants in areas with less than optimal tissue disponibility

Camille Dieterle, OTD, OTR/L (USA)
Dr. Dieterle received her BA in English and Dance at the University of Georgia and danced professionally, taught dance, and worked in arts administration in New York and Atlanta. She received her MA and OTD degrees in Occupational Therapy from the University of Southern California. She specializes in the Lifestyle Redesign® treatment process for wellness and prevention of chronic conditions such as overweight/obesity, cardiovascular health, and behavioral health. As Assistant Professor of Clinical Occupational Therapy at the USC Division of Occupational Science and Occupational Therapy, she teaches content in the occupational therapy doctorate (OTD) educational program, the Lifestyle Redesign® pathway course in the master’s program, and the Creating a Sustainable Lifestyle course in the Occupational Science Minor undergraduate program. Topic: Occupational Therapy Lifestyle Interventions for the Prevention and Management of Chronic Health Conditions

Kian Kar, DDS, MS (USA)
Dr. Kar is the Clinical Director of Advanced Periodontology Program at Ostrow School of Dentistry of USC and a full time faculty member. He received his dental degree, certificate in Periodontology, and Master of Science degree in Craniofacial Biology from USC. He is the recipient of California Society of Periodontology research Award in 1997, USC Mellon Mentorship Award in 2013, and American Academy of Periodontology Educator Award in 2013. He has served as an editor for the Journal of Clinical Implant Dentistry and Related Research, Journal of Periodontology, Journal of Oral Implantology and as a guest editor for the Journal of California Dental Association. Dr. Kar is member of the American Academy of Periodontology, Academy of Osseointegration, American Dental Association, California Dental Association, Orange County Dental Society, and California Society of Periodontists.
Topic: Pre-prosthetic periodontal therapy
Jaime L. Lozada, DMD (USA)
Dr. Lozada is professor and director of the Advanced Education Program in Implant Dentistry at Loma Linda University, School of Dentistry where he also received his Certificate in Implant Dentistry (1987) and Prosthodontics (1995). He is a Diplomate of the American Board of Implant Dentistry, past president of the American Academy of Implant Dentistry and a member of the Editorial Board of the Journal of Oral Implantology.
Topic: Simplified techniques to reduce the incidence of maxillary sinus membrane perforation during sinus grafts

Arvie Malik, RDHAP, BS (USA)
Ms. Malik has over 29 years of clinical experience in Periodontal and Prosthodontic practices. She practices fulltime in a private Prosthodontic practice in Newport Beach, CA. In addition to her role as periodontal therapist, she is the Director of Oral Health and Managing Director for the practice. She educates patients on oral health and provides advanced periodontal therapies. For the past 22 years, she has served as an Adjunct Assistant Professor at West Los Angeles College, Department of Dental Hygiene. Ms. Malik is the Course Director for advanced therapies in Dental Hygiene at the Newport Coast Oral Facial Institute.
Topic 1: Innovative therapy with the magic of magnification and technologies
Topic 2: Hands-On Workshop: Advanced periodontal therapy: the power of magnification with microscope/loupe

Alireza Moshaverinia, DDS, MS, PhD (USA)
Dr. Moshaverinia received his DDS degree in 2004. He has a Master of Science in Dental Biomaterials (2009) from the Ohio State University, College of Dentistry. He completed advanced clinical education in Prosthodontics and earned his PhD in Craniofacial Biology from the Ostrow School of Dentistry of USC in 2012. Dr. Moshaverinia has published more than 30 papers in peer-reviewed journals and serves as the editorial reviewer for several scientific journals such as the Journal of Prosthetic Dentistry. He is the recipient of several of awards in recognition of his scientific achievements including: Graduate Prosthodontics Research Award from the American Prosthodontic Society (2010 and 2012), Pacific Coast Society for Prosthodontics (2011), Research Fellowship Award, and the John Sharry Award from the American College of Prosthodontics Education Foundation (ACPEF) in 2012.
Topic: Dental ceramics: a clinical perspective on material selection

Michael Pikos, DDS (USA)
Dr. Pikos is originally from Campbell, Ohio. He graduated with honors from The Ohio State University College of Dentistry. Dr. Pikos completed his residency training in Oral & Maxillofacial Surgery at the University of Pittsburgh, Montefiore Hospital. He is founder and CEO of the Pikos Implant Institute. Since 1990, he has been teaching advanced bone and soft tissue grafting courses with alumni that now number more than 2700 from all 50 states and 32 countries. Dr. Pikos maintains a private practice limited exclusively to implant surgery in Palm Harbor, Florida.
Topic 1: General Sessions: Maxillary sinus grafting in the presence of pathology
Topic 2: Hands-On Cadaver Workshop II: Update 2014 - Mandibular block autografts and titanium mesh reconstruction

Fernando Rojas-Vizcaya, DDS, MS (SPAIN)
Dr. Rojas-Vizcaya maintains a private practice limited to implant surgery and prosthodontics, and is the founder of the Mediterranean Prosthodontics Institute in Castellón, Spain. He also holds a position as Adjunct Assistant Professor in the Department of Prosthodontics at the University of North Carolina, Chapel Hill. He received his DDS degree from the Javeriana University in Colombia, his Specialty Degrees in Oral Surgery, Oral Medicine and Implant Dentistry and his Doctorate in Buccal Surgery from the Complutense University in Madrid, Spain. Dr. Rojas-Vizcaya received his post-graduate specialty degree along with a MS in Prosthodontics, and a Fellowship in Oral Implantology from UNC.
Topic 1: The 3A-2B biological rule to enhance esthetic and function in oral implantology
Topic 2: Hands-On Workshop III: Immediate function with 4 axial and tilted implants: surgical and prosthetic workshop
**Giuseppe Romeo, MDT, CDT (USA)**

Mr. Romeo operated his own practice in Torino, Italy before moving to Oral Design Center at Beverly Hills, California, and is currently Clinical Assistant Professor at the Division Restorative Science at USC. He received his Master Degree in Dental Technologist and Esthetic Prosthetics in Geneva, Switzerland, and completed his continuing education in Italy and abroad while working in the United States and in Switzerland. He authored articles for Italian and international magazines in dentistry, such as Practical Procedures & Aesthetic Dentistry, Journal of Esthetic and Restorative Dentistry, Dental Dialogue, Réalité Cliniques, Quintessence of Dental Technology, eLABORATE (Australia), Quintessence Journal of Dental Technology, Alta Tecnica Dental (Mexico), and The New Dental Laboratory Technician (Italy). He co-authored the book *Esthetics and Precision. Clinical and Technical Procedures and Aesthetic & Restorative Dentistry*. Mr. Romeo is member of Willi Geller’s Oral Design group, ARCO (Italian Lecturer for Dental Technology Culture), American Academy Esthetic Dentistry, American Microscope Enhanced Dentistry, and council member of Design Technique International.

**Topic:** Technical diagnostic and esthetic approach.

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**Nobuyasu Seto, DDS (JAPAN)**

Dr. Seto graduated from Nihon University school of dentistry in 1989 and subsequently joined Harajuku Dental Office in 1990. He started his private practice Seto Dental Clinic in Yokohama, Japan in 1994. Dr. Seto is member of Japan Prosthodontic Society, Japan Academy of Esthetic Dentistry, Osseointegration Study Club of Japan, and he serves as executive board member of S.J.C.D. (Society of Japan Clinical Dentistry).

**Topic:** Relationship between periodontal plastic surgery as pre-prosthetic treatment and tooth preparation

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**Lee R. Walker, MD, DDS (USA)**

Dr. Walker received his dental degree from the University of the Pacific, San Francisco, California, and his medical degree and oral and maxillofacial surgery certificate from the University of Texas, Southwestern Medical Center at Dallas. He is a Diplomate of the American Board of Oral and Maxillofacial Surgery, a Fellow of the American Association of Oral and Maxillofacial Surgeons and member of the Academy of Osseointegration. Dr. Walker has lectured extensively both nationally and internationally on dental implants and maintains a private practice in Los Gatos, California.

**Topic:** The power of digital dentistry: Its impact on implant dentistry and what every surgeon needs to know

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**Marilene B. Wang, MD (USA)**

Dr. Wang is Professor of Head and Neck Surgery at UCLA David Geffen School of Medicine and Chief of Otolaryngology at the VA Greater Los Angeles Healthcare System. She is Director of the UCLA Nasal and Sinus Disease Center and co-director of the Endoscopic Skull Base program. She has published over 100 peer-reviewed scientific articles, 15 book chapters, and 180 abstracts. She has been named to the Best Doctors of America database, Best Doctors in Southern California, and Best Doctors in Los Angeles.

**Topic:** Chronic sinusitis: Pathophysiology and treatment options

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**Paul Weigl, DDS (GERMANY)**

Dr. Weigl graduated from the University of Munich Dental School in 1989. Since 1992 he has worked as an assistant professor and director of preclinical studies for the Department of Prosthodontics of the Johann Wolfgang Goethe-University Frankfurt am Main. Dr. Weigl has special focus in the field of prosthetics on implants. He is also a senior specialist at the Dept. of Prosthodontics, University of Frankfurt. Additionally he runs a R&D project to develop a fully automatic working CAD/CAM process to manufacture complete crowns and bridges and to develop a new fs-laser based device for diagnosis and minimally invasive therapy of caries. His new Department of Postgraduate Education offers a master course “Master of Science of Oral Implantology.”

**Topic:** Preservation of vertical soft tissue levels after immediate implant placement

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**Thomas Wilcko, DMD (USA)**

Dr. Wilcko received his certificate in periodontics from Harvard University and is a Clinical Associate Professor in the Department of Periodontics at Case Western University. He has co-authored many peer reviewed articles, abstracts, and textbook chapters. His areas of research have included pyrophosphate tartar inhibitors, free radical stability, crestal ultrasound measurements of bone, prostaglandin precursors, and bone vitality. He and his brother Dr. William Wilcko have developed and present a certification course in the Wilckodontics® Accelerated Osteogenic Orthodontics™ orthodontic system.

**Topic 1:** An Overview of the Periodontally Accelerated Osteogenic Orthodontics(TM) Technique

**Topic 2:** Hands-On Cadaver Workshop V: The surgical preparations needed for efficient acceleration of tooth movement
Homayoun H. Zadeh, DDS, PhD (USA) (Symposium Chair)

Dr. Zadeh is Associate Professor and director of the Advance Periodontology program at the Ostrow School of Dentistry of USC. Dr. Zadeh is a graduate of USC. He completed advanced clinical education in Periodontology and earned his PhD degree in Immunology from the University of Connecticut. He is a Diplomate of the American Board of Periodontology. He serves as the editorial reviewer for several scientific journals. Dr. Zadeh also leads a research team at USC Laboratory for Immunoregulation and Tissue Engineering (LITE). He maintains a part-time private practice limited to Periodontology and Implants in Southern California.


Topic 2: VISTA for treatment of recession or soft tissue deficiency around teeth and implants

Workshops

The four hands-on cadaver workshops will include theoretical lectures, followed by hands-on workshops on cadaver heads or anatomic models

Four all-day programs with cadaver workshop components will be conducted at the Ostrow School of Dentistry of USC. Using slide and video presentations, surgical demonstrations, and hands-on experience, surgical approaches will be reviewed and practiced in detail in a unique hands-on educational environment using fresh un-embalmed cadavers. In order to create the best possible learning environment and afford each participant maximum hands-on time, class-size is limited and each laboratory station will be assigned only two participants at any time. In addition to the listed course director for each workshop, the hands-on labs will be instructed and moderated by experienced faculty. Throughout this course, participants will be exposed to surgical techniques and concepts that will further his/her ability to more successfully manage the challenges posed in the treatment of compromised patients. The four intense all-day programs are structured with lectures in combination with demonstration of surgical techniques on cadavers by each course director, which will be followed by course participants on cadaver specimens provided.

In addition, three hands-on workshops on anatomic models will be conducted at the Biltmore Hotel on Saturday January 25 afternoon.

Hands-On Cadaver Workshop I

Wednesday, January 22, 2014, 8:00am - 5:00pm - Ostrow School of Dentistry of USC

Vestibular Incision Subperiosteal Tunnel Access (VISTA): for minimally invasive soft tissue and bone augmentation

Speaker: Dr. Homayoun Zadeh

A variety of soft tissue and bone augmentation procedures have been employed for treatment of soft tissue and ridge defects. Current techniques have a number of limitations including, scar formation at recipient sites due to surface incisions, relapse of recession due to muscle pull during healing, wound dehiscence and graft exposure. This workshop will discuss the myriad of applications of VISTA for soft tissue and bone augmentation.

Upon completion of this course participants will know:

- Rationale and step-by-step technique of VISTA
- VISTA for soft tissue augmentation and papilla augmentation around teeth and implants
- VISTA for alveolar ridge augmentation: GBR, tenting screws, titanium mesh
- Application of autogenous tissue, allograft, xenograft and growth factors for soft tissue and bone augmentation.
Hands-On Cadaver Workshop II
Thursday, January 23, 2014, 8:00am - 5:00pm - Ostrow School of Dentistry of USC
Update 2014: Mandibular block autografts and titanium mesh reconstruction
Speaker: Dr. Michael Pikos
This evidence based presentation and hands-on cadaver workshop will draw from the author’s twenty-two year clinical experience with mandibular block autografts and titanium mesh particulate grafting protocols. It will feature the most current techniques utilized for predictable surgical and prosthetic success. This will include but not be limited to the following: flap design and release incision techniques, soft tissue manipulation, recipient and donor site surgical protocols, and implant placement. Multiple clinical cases will be presented.
Upon completion of this course participants will be able to:
• Compare and evaluate the surgical protocol and the indications for autogenous block grafts harvested from the symphysis and ramus buccal shelf.
• Understand the use of titanium mesh with particulate bone grafts for alveolar ridge augmentation.
• Avoid/evaluate complications associated with autogenous block grafts and titanium mesh particulate grafts and be able to treat them accordingly.

Hands-On Workshop III
Saturday, January 25, 2014, 1:00pm - 5:00pm - Millennium Biltmore Hotel Los Angeles
Immediate function with 4 axial and tilted implants: surgical and prosthetic workshop
Speaker: Dr. Fernando Rojas-Vizcaya
Implant placement and immediate loading protocol are demonstrated during this workshop. Step-by-step, all the important aspects in treatment plan are covered in a comprehensive way. Implants will be placed using the existing removable complete denture as a surgical guide and them the immediate loading will be performed. The conversion prosthesis technique (from removable to fixed) will be applied. Important aspects as anterior-posterior spread, tilted implants, angulations of the implants, use of different abutments, the preparation of the PTJ (Prosthesis Tissue Junction) and more will be covered. Presentation of monolithic zirconia restorations used in this type of cases will be presented.
Upon completion of this course participants will:
• Understand the mechanics of the fixed detachable restorations
• Know how to create the correct prosthesis tissue junction
• Work with tilted implants and different types of abutments to compensate the angulations of the distal implants
• Understand the process of monolithic zirconia restorations

Hands-On Workshop IV
Saturday, January 25, 2014, 1:00pm - 5:00pm - Millennium Biltmore Hotel Los Angeles
Extraction socket management
Speaker: Dr. Mauricio Araujo
Post-extraction bone resorption represents a challenge for the clinician. It may lead to esthetic problems and more complex implant installation. Thus, the aim of the present workshop is to describe and practice the technique of alveolar ridge preservation following tooth extraction. The ridge preservation procedure to be exercised will included the use of hard and soft tissue grafts. In additional the use of barrier membranes and flaps for ridge preservation will also be addressed.

Hands-On Cadaver Workshop V
Sunday, January 26, 2014, 8:00am - 5:00pm - Ostrow School of Dentistry of USC
The surgical preparations needed for efficient acceleration of tooth movement
Speaker: Dr. Thomas Wilcko
The most efficient acceleration in tooth movement is dependent on both an induced regional acceleratory phenomenon (RAP) and the correct anatomic/morphologic situation to maximize the RAP response. A surgically induced RAP has been repeatedly shown to accelerate tooth movement 25% to 35% through a large volume of bone in the direction of the intended tooth movement. By providing for the correct anatomic bony architecture this can be increased 2 to 3 fold. All too often surgical preparations that are promoted are limited to accelerating tooth movement in simple protraction movements where the proper anatomic conditions very frequently exist pre-surgery. This workshop however will focus on the correct soft tissue and hard tissue preparations that are needed to provide for a consistent acceleration in tooth movement for not only protection movements but also to accommodate the full envelope of motion to include extrusion, intrusion, expansion, space closure, and forced eruption.
Upon completion of this course participants will know:
• Different resistances that RAP stimulated hard and soft tissue offer in the resistance to tooth movement.
• Most efficient manner in which to induce the greatest RAP response.
• Flap preparations needed for optimal visualization.
• How to surgically modify the hard and soft tissues to take the fullest advantage of the induced RAP.
Hands-On Cadaver Workshop VI
Sunday, January 26, 2014, 8:00am - 5:00pm - Ostrow School of Dentistry of USC
Sinus lift surgery: The treatment of the atrophic posterior maxillae
Speaker: Dr. Alexandre-Amir Aalam
Maxillary sinus cavity is major anatomical limiting factors for implant dentistry. To by pass this obstacle, sinus elevation with bone grafting is performed today in a very mundane and predictable way. Multiple techniques and viewpoints are available to achieve this end results. The Purpose of this course is to discuss the diagnostic, technical, and surgical techniques needed to achieve a safe outcome. This course is complimented by a cadaver hands-on course

Upon completion of this course participants will be able to:
- Know the anatomy and relevance to a safe surgical approach
- Review bone graft material for the grafting procedure
- Evaluate multiple surgical techniques
- Discuss complications

Dental Hygiene Forum: Optional Dental Hygiene Hands-On Workshop
Saturday, January 25, 2014, 3:15pm - 5:15pm - Millennium Biltmore Hotel Los Angeles
Advanced periodontal therapy: the power of magnification with microscope/loupe
Speaker: Arvie Malik, RDHAP, BS

Upon completion of this course participants will know:
- Fundamentals of microscopy
- Instrumentation skills which can lead to improved outcomes of periodontal therapy
- Techniques to visualize subgingival areas with microscope or loupe
- Instrumentation with ergonomically balanced position

General Information

EVENT LOCATION
Millennium Biltmore Hotel Los Angeles
506 South Grand Avenue., Los Angeles, CA 90071-2607
- Right in the heart of downtown Los Angeles
- 25 minutes from Los Angeles International Airport
- Minutes away from CA-110, I-10, I-101, and I-5.
- Reservation: 213.612.1575
- Group Code: 1401PERIOS
- Website: http://www.millenniumhotels.com/millenniumlosangeles
- Book your rooms early! Special guest room rate is available for enrollees for 39th USC Periodontal & Implant Symposium. Book prior to January 10, 2014 to receive $130 rate for Classic Room (single or double) and $170 for Club Room. Or book your room online at: http://www.millenniumhotels.com/millenniumlosangeles (Group Code 1401PERIOS)

QUESTIONS?
Please contact Ostrow School of Dentistry of USC Office of Continuing Education by one of the following methods:
Mail: 925 W. 34th St. Room 201J., Los Angeles, CA 90089
Telephone: 213-821-2127 Fax: 213-740-3973
Email: cedental@usc.edu Website: http://www.uscdentalce.org

ONLINE REGISTRATION AVAILABLE AT: WWW.USCDENTALCE.ORG
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Registration Form

39th Annual USC International Periodontal & Implant Symposium. January 22 - 26, 2014. Please mail or fax your registration form to: 925 W. 34th Street, Room 201J. Los Angeles, CA 90089-0641 • Phone: 213.821.2127 • Fax: 213.740.3973
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First Name: ___________________________ Last Name: ___________________________
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Business Phone: ___________________________ Additional Phone (Optional): ___________________________
Email: ___________________________ Fax: ___________________________

Additional Enrollees: ___________________________

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<tr>
<th>COURSE</th>
<th>TUITION BEFORE</th>
<th>TUITION BETWEEN</th>
<th>TUITION AFTER</th>
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<tbody>
<tr>
<td>Hands-On Cadaver Workshop I: Vestibular Incision Subperiosteal Tunnel Access (VISTA) Wednesday, January 22, 2014 8 Units (Limited Attendance)</td>
<td>$1,895</td>
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<td>Hands-On Cadaver Workshop II: Mandibular Block Autografts and Titanium Mesh Reconstruction Thursday, January 23, 2014 8 Units (Limited Attendance)</td>
<td>$1,895</td>
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<td>Hands-On Workshop III: Immediate function on 4 tilted/axial implants Saturday, January 25, 2014 4 Units (Limited Attendance)</td>
<td>$495</td>
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<td>Hands-On Workshop IV: Management of extraction sockets Saturday, January 25, 2014 4 Units (Limited Attendance)</td>
<td>$495</td>
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<td>Hands-On Cadaver Workshop V: The Surgical Preparations Needed for Efficient Acceleration of Tooth Movement. Sunday, January 26, 2014 8 Units (Limited Attendance)</td>
<td>$1,895</td>
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<tr>
<td>Hands-On Cadaver Workshop VI: Sinus lift surgery Sunday, January 26, 2014 8 Units (Limited Attendance)</td>
<td>$1,895</td>
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Total: ___________________________

Join us for an evening of entertainment, food and drinks on Friday night! - $175 ($125 before 12/01/13)
An auction will be conducted to support USC Advance Periodontology Renovation.

☐ Check Enclosed (Payable to USC School of Dentistry)
* Tuition includes course materials, continental breakfast, lunch, and refreshment during breaks
☐ Visa ☐ Mastercard Card Number: ___________________________
Expiration Date: ___________________________ Signature: ___________________________

Refunds are granted only if a written cancellation notification is received at least 21 days before the course. 50% of the tuition minus processing fee will be refunded if cancellation occurs within 14 days before this course. No refund is granted afterwards. A $75 fee is withheld for processing. For additional registrations, xerox this form and send.
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Millennium Biltmore Hotel Los Angeles
January 22 - 26, 2014

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