

41st Annual USC International Periodontal and Implant Symposium

SYMPOSIUM THEME

CHALLENGES AND TRIUMPHS

January 29 - 30, 2016

Millennium Biltmore Hotel Los Angeles

506 South Grand Avenue., Los Angeles, CA 90071-2607

General Sessions • Dental Hygiene Forum • Dental Hygiene Hands-On Workshop • Hands-On Model Workshops

January 27, 28, 31, 2016

Herman Ostrow School of Dentistry of USC

925 W. 34th St., Los Angeles, CA 90089

Cadaver Workshops • Hands-On Workshop



1 EVENT. 25 PRESENTERS. 10 WORKSHOPS.

Welcome

Dear colleagues and friends:

We are pleased to invite you to attend the 41st International USC Periodontal & Implant Symposium. The theme of this year's symposium will be: "Challenges and Triumphs". The concept is that scientific and clinical advancements have achieved a number of significant triumphs, which have changed clinical practice. An example of such triumph is osseointegration, which has revolutionized the clinical practice of dentistry. Other advances include the availability of: advanced scaffolds as substitutes for bone and tissue, growth factors and insights into the biologic process of wound healing, refined surgical techniques and protocols, 3D imaging technologies, digital tools for surgical and prosthetic treatment. On the other hand, significant diagnostic and therapeutic challenges remain in our field that require further research and innovation. Some of the unresolved challenges include limitations in: markers for assessment of periodontal and peri-implant disease susceptibility and progression, periodontal and peri-implant regenerative capacity, post-extraction alveolar bone remodeling, length of time required for tissue regeneration, prosthetic material. A panel of internationally renowned experts will examine many common clinical beliefs and determine their validity. In addition to the two-day general sessions, there are nine hands-on workshops, including four cadaver workshops and seven model 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 material, 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.



A stylized, handwritten signature in black ink, appearing to read 'Homayoun'.

*Homayoun Zadeh, DDS, PhD
Symposium Chair and Moderator*

Wednesday, January 27, 2016 - Herman Ostrow School of Dentistry of USC

8am-5pm Cadaver Workshop: Management of Soft Tissue Complications Around Dental Implants (Homa Zadeh)

Thursday, January 28, 2016 - Herman Ostrow School of Dentistry of USC

8am-5pm Cadaver Workshop: Alveolar Ridge Augmentation in the Esthetic Zone (Maurice Salama)

Friday, January 29, 2016 - General Sessions - Millennium Biltmore Hotel Crystal Ballroom

	8:00 am	Registration & Continental Breakfast
Keynote Lecture	8:45 am	Welcoming Remarks (Homayoun Zadeh)
	9:00 am	Hugo De Bruyn (Keynote Speaker)
Complex esthetics	9:45 am	Ernesto Lee
	10:30 am	Coffee Break
	11:00 am	Maurice Salama
	11:45 am	Expert Panel
	12:15 pm	Lunch Break

Surgical Track - Crystal Ballroom			Hands-On - Mezzanine Rooms			Restorative Track - Tiffany Ballroom		
Maxillary sinus?	1:30 pm	Tiziano Testori	1:30 pm Hands-On Workshop: Esthetic Crown Lengthening (Oscar Gonzalez-Martin)	1:30 pm Hands-On Workshop: Regenerative Therapy for Peri-Implantitis (Navid Sharifzadeh)	1:30 pm Hands-On Workshop: Piezosurgery for Implant Site Osteotomy Preparation (Neema Bakhshalian)	Restorative complications <i>Moderator:</i>	1:30 pm	Winston Chee
	2:20 pm	Achille Peivandi					2:15 pm	Ramin Mahallati
	3:10 pm	Coffee Break						
Ridge augmentation?	3:40 pm	Waldemar Polido				Material selection: dental ceramics	3:40 pm	Masao Yamazaki
	4:30 pm	Expert Panel					4:30 pm	Expert Panel
	5pm-7pm	Cocktail Reception						

Saturday, January 30, 2016 General Sessions - Crystal Ballroom

Saturday, January 30, 2016 Hygiene Forum - Tiffany Ballroom

	7:30 am	Registration & Continental Breakfast				
Perio regenera- tion	8:00 am	Leandro Chambrone		Systemic oral connection	8:00 am	Welcome
	8:50 am	Giano Ricci			8:00 am	Kenneth Lee
	9:20 am					
	9:40 am	Coffee Break				
Implant surgical to prosthetics	10:10 am	Daniel Buser		Perio therapy	10:10 am	Raymond Melrose
	11:00 am	Don Clem				
	11:50 am	Expert Panel				11:10 am
	12:20 pm	Lunch Break				

Ortho/Perio	1:30 pm	Oscar Gonzalez-Martin	1:30pm Hands-On Workshop: Soft Tissue Augmentation (Giano Ricci)	1:30pm Hands-On Workshop: Immediate Implant Therapy in Molars (Hugo De Bruyn)	1:30pm Hands-On Workshop: VISTA for Periodontal Root Coverage (Alfonso Gil)	Perio therapy	1:30 pm	Alon Frydman
	2:15 pm	Don Clem					2:30 pm	Coffee Break
	3:00 pm	Coffee Break				Dental Hygiene Optional Hands-On Workshop	3:00 pm - 5:30 pm	Diane Melrose
Implant esthetics	3:30 pm	Daniel Buser						
	4:15 pm	Alon Frydman						
	5:00 pm	Meeting Adjourns						

Sunday, January 31, 2016 - Herman Ostrow School of Dentistry of USC

8am - 5pm Cadaver Workshop: Maxillary Sinus Augmentation (Tiziano Testori)
Cadaver Workshop: L-PRF in Implant Surgery (Achille Peivandi)

Keynote Presentation



Hugo De Bruyn, DDS (BELGIUM)

Leo and Sydelle Ward Foundation Endowed Keynote Lectureship

Hugo De Bruyn graduated in 1983 at the University of Leuven, Belgium, earned a PhD at the University of Groningen, Netherlands and a Master's Degree in periodontology at Lund University, Sweden. From 1988 until 2014 he owned a private specialist referral clinic in Brussels where more than 10,000 implants were placed. He is currently professor and chairman of the department of periodontology and oral implantology at the University of Ghent, Belgium. His research activities include factors related to implant success, effect of smoking, early and immediate implant loading in completely and partially edentulous patients in straight forward as well as in compromised bone conditions, biofilm formation and simplified periodontal treatment protocols.

Topic 1: Protocols for replacement of hopeless teeth with implants: triumphs and challenges.

Enhanced implant surfaces and improved macroscopic design features have improved the treatment outcome of dental implants and have allowed changes in treatment protocols such as immediate loading and immediate implant placement. On one hand the indication has been enlarged for challenging cases such as smokers, patients with reduced bone volume or reduced bone quality. A critical condition is immediate placement in conjunction with tooth extraction especially in the aesthetic zone, especially when followed by immediate provisionalization, defined as non-functional immediate loading. Both treatment modalities are a clear advantage compared to the classical approach of delayed loading procedure in either one or two stages. It offers several benefits for the patient and the clinician: only one surgical intervention reduces treatment morbidity, shortens the treatment time with several months and may improve patient satisfaction. Given the fact that implant survival with immediate placement has shown similar treatment outcome with conventionally placed delayed implants, the issue of predictability of immediate placement has shifted towards the predictability from a biologic and aesthetic point of view.

Topic Objectives:

- A brief overview of evolving implant dentistry over the last decades
- An evidence-based summary of the existing literature as well as an overview of several ongoing clinical studies assessing the clinical outcome of immediate and conventional implant placement with respect to implant survival, aesthetics and patient-related outcomes.
- An appraisal of peri-implantitis in the aesthetic zone and how to prevent it.
- Clinical guidelines as to when and how this procedure can lead to predictable results as well as the pitfalls and risks related to case selection.

Topic 2: Novel implant designs can overcome problems related to bone volume or morphology.

Today implant placement is more prosthetically oriented and availability of bone is often a prerequisite to achieve a predictable and esthetic outcome. Additionally, patients require faster implant procedures and early provisionalisation. The limitations whenever implants are placed simultaneous to extraction in molar areas or when there is a discrepancy between implant direction and prosthetic insertion can be overcome by additional surgeries such as bone regenerative procedures, but lengthens the treatment time, requires more difficult prosthetics and increases the expenses, morbidity and complication risks.

In this lecture recently performed clinical trials on the outcome and success of wide body and angulated implant designs to overcome these problems will be summarized. The use of a wide body reduces treatment time significantly even in limited bone height or extraction sockets. It may be considered as an alternative for sinuslift and/or grafting. The angulated implant is indicated whenever bone angulation is present without compromising the screw-retained crown.

Speakers



Neema Bakhshalian, DDS, MS, PhD (USA)

Dr. Neema Bakhshalian is specialized in Periodontology and Implant Dentistry. He earned his DDS degree in 2005, and subsequently earned his PhD degree from the Florida State University with a focus on Bone Biology. With his background in tissue engineering, he started his residency program in Periodontology and Implant Dentistry at the University of Southern California in 2011. In 2015, he became a diplomate of the American Board of Periodontology.

Dr. Bakhshalian is a member of several professional organizations such as the American Dental Association, American Academy of Periodontology, and Academy of Osseointegration. He is currently conducting research full time at the University of Southern California while maintaining an evidence-based state-of-the-art practice.

Topic: Piezosurgery Application for Implant Site Osteotomy

Piezosurgery has many benefits in implant osteotomy, including more precise osteotomy preparation, Piezosurgery is also able to make non-cylindrical osteotomy preparations. This is useful in implant osteotomy preparation for narrow alveolar ridge sites where an oval shaped osteotomy can be prepared. Piezosurgery is most helpful in osteotomy preparation in extraction sockets for immediate implant placement. Unlike drills which can slide on uneven extraction socket walls or molar septa, piezosurgery efficiently enters into these anatomical irregularities, allowing for a precise preparation for immediate implant placement. A number of studies have found that alveolar bone prepared using piezosurgery exhibits faster healing and implants placed into these sites exhibit improved primary stability. This workshop includes case presentation to review the rationale and step-by-step procedure for osteotomy preparation using piezosurgery. A hands-on workshop will be conducted on pig jaw to provide practical experience with the clinical protocols.

Topic Objectives:

- Applications of piezosurgery in treatment of narrow alveolar ridge
- Piezosurgery for immediate implant placement
- Implant osteotomy in conjunction with maxillary sinus augmentation

Hands-On Workshop: Piezosurgery for Implant Site Osteotomy Preparation (Friday, January 29, 2016; 1:30 pm)



Daniel Buser, D.M.D., Prof. of Med. Dent. (SWITZERLAND)

Dr. Buser is Professor and Chairman at the Department at Oral Surgery and Stomatology and Executive Chairman of the School of Dental Medicine at University of Bern in Switzerland. He is Past President of various academic associations, the European Association for Osseointegration, the Swiss Society of Oral Implantology and the Swiss Society of Oral Surgery and Stomatology. Dr. Buser is also member of the Board of Directors and President-elect of the ITI (International Team for Implantology), the Board of Directors of the Osteology Foundation, and is President of the Swiss Implant Foundation (2007- present). He received several scientific awards and has authored and co-authored more than 200 publications.

Topic 1: Timing of implant placement after tooth extraction: immediate, early or delayed placement?

Synopsis Coming Soon

Topic 2: Contour grafting-long-term outcomes

Synopsis Coming Soon



Leandro Chambrone, DDS, MSc, PhD (BRAZIL)

Dr. Leandro Chambrone has been engaged in research and evidence-based dentistry since 2000. During this period he successfully completed his training in Periodontics (Certification, Masters, Doctorate, and Post-Doctoral Fellowship) and Orthodontics (Certification). Beyond his enthusiasm and dedication as a clinician, he has a solid background as an academic/researcher. He's the author/co-author of approximately 70 scientific articles, several of them published in leading dental journals, and a book on Periodontal Plastic Surgery.

Topic: Predictability of Root Coverage Procedures: Clinical Scenarios and Evidence-Based Treatment Options

Root coverage (RC) procedures have long been used for the treatment of gingival recession (GR). During daily practice, clinicians are required to deal with diverse clinical scenarios and to provide the most adequate treatment options for each particular condition based on the best evidence available, the clinician's skills, and the patients' desires.

Topic Objectives:

- Comment on the main factors influencing the predictability of root coverage procedures according (i.e., patient-, procedure- and outcome-related factors)
- Translates evidence-based findings on soft tissue (RC) of recession-type defects to daily clinical practice.



Chris H. Chang, DDS, PhD (TAIWAN)

Dr. Chang received his PhD in bone physiology and Certificate in Orthodontics from Indiana Univ. Dr. Chang is a Diplomate of American Board of Orthodontics. He is author of iAOI workbook, ABO Case Reports, 3D iBooks Ortho, Jobsology and publisher of International Journal of Orthodontics and Implantology(iJOI). He also founded Newton's A, Inc. and Beethoven Orthodontic Group in Taiwan, and produces a podcast series, Podcast Encyclopedia in Orthodontics, and the first 3D interactive orthodontic ebook, 3D iBooks Ortho, as innovative E-learning tools. He has been actively involved in the design of orthodontic bone screws and application on impaction treatment. His latest focus is implant and orthodontic combined treatment.

Topic: Ortho-perio Combined Approach to Gummy Smile Correction

Upper whole arch intrusion and retraction by Temporary Anchorage Devices (TADs) is an effective method to improve gummy smile orthodontically. Soft tissue laser can further enhance the aesthetic appearance through minimally invasive techniques. This lecture focuses on the diagnosis and treatment planning of gummy smile using ortho-perio combined approaches. Detailed mechanics and screw insertion techniques will be introduced.

Topic Objectives:

- Participants will be able to identify and differentiate varying types of gummy smile
- Participants will be able to design mechanics to intrude and retract the upper arch

**Winston WL. Chee, DDS, FACP (USA)**

Dr. Chee is a Diplomate of the American Board of Prosthodontics. He is the Ralph W. and Jean L. Bleak Professor of Restorative Dentistry at the Ostrow School of Dentistry of the Univ. of Southern California where he serves as the Director of Implant Dentistry and Co- Director of the Advanced Prosthodontics Program. He has published over 90 articles in peer reviewed journals on the subjects of Dental Materials and Implant Dentistry, a book on treatment planning implant supported restorations and lectured internationally on those subjects.

Topic: Managing Prosthetic Failures in Implant Supported Reconstructions

With no periodontium and a reduced proprioception, breakage of implant supported restorations can present a difficult challenge to clinicians. This lecture will present methods to allow easier management of these types of failures and introduce newer materials that have the potential to reduce these incidences.

Topic Objectives:

- Participants will learn the various causes of prosthetic failures
- Participants will have a framework to select appropriate materials for use for restoration of implants
- Participants will understand the advantages of screw retention for maintenance of implant supported restorations



Donald S. Clem, DDS, FACP (USA)

Don Clem received his dental education at Loyola University of Chicago. Following a completion of a General Practice Residency at North Chicago Veteran's Administration Medical Center, Dr. Clem went on to complete his specialty certificate in Periodontics at the University of Texas Health Science Center, San Antonio.

He is a Diplomate of the American Board of Periodontology. He is a Fellow of the American College of Dentists, the International College of Dentists, and the Pierre Fuchard Academy. He has received numerous awards in the field including the award for Outstanding Contributions to the Field of Periodontics by the California Society of Periodontists and is a co-recipient of the Clinical Research Award from the American Academy of Periodontology.

Dr. Clem is a Past President of the California Society of Periodontists, The American Academy of Periodontology Foundation, and the American Academy of Periodontology.

He currently services on the Board of Directors for the Academy of Osseointegration and is a Regent of Loyola University of Chicago. He has published in the fields of sedation, periodontal regeneration, dental implants, bone healing and continues to lecture on these topics internationally.

Dr. Clem has been in full time private practice limited to Periodontics and Dental Implants in Fullerton, California.

Topic: Current Concepts in the Management of Peri-Implant Diseases

Dental Implants are arguably one of the most significant advancements in dentistry. Over the last thirty years, however, we have learned that they are not without problems. Once thought of as "lifelong solutions", we now find that some implants can develop inflammatory diseases that can affect surrounding soft tissues and even result in progressive bone loss around the fixtures. This presentation will explore the incidence, etiology, treatment and maintenance of dental implants and how the clinician may prevent as well as treat these conditions.

Topic Objectives:

- Current thinking related to etiology and incidences of peri-implant diseases
- How to avoid complications by understanding risk factors
- The role of regenerative concepts in managing peri-implant bone loss
- A protocol for long term maintenance care



Alon Frydman, DDS (USA)

Dr. Frydman is an Assistant Professor of Clinical Dentistry in the Division of Periodontology, Diagnostic Sciences and Dental Hygiene and the Division of Restorative Sciences at the Herman Ostrow School of Dentistry of USC. Dr. Frydman received his dental degree from UCLA and graduated from the Advanced Periodontology Program at USC, where he has since been a faculty member. Dr. Frydman teaches courses in treatment planning and implant therapy for both Advanced Periodontology residents as well as dental students. He lectures nationally and is a Diplomate of the American Board of Periodontology as well as an examiner for the American Board of Periodontology, and is a member of the American Academy of Periodontology. Dr. Frydman's research and publications focus on implant dentistry as well as periodontal diseases in immunocompromised populations.

Topic: Dental Implants: Intention vs Invention

The presentation reviews the current understanding of osseointegration in order to put into perspective possible routes of peri-implant disease. New perspectives in peri-implant disease are offered which borrow from concepts related implant disease and failure in medical devices.

Topic Objectives:

- Understand the principals of osseointegration
- Relate medical implant failure to dental implant failure
- Placing into context generally accepted models of implant disease with emerging concepts



Alfonso Gil, DDS (USA)

Dr. Alfonso Gil received his DDS degree with Distinction at the University of the Basque Country in Spain. He also received two Scholarships, one by the University of the Basque Country and another one by Proclinic Dental Company, for his research in Peri-Implantitis. Dr Gil is now a third year resident in the Advanced Periodontology Program in USC. He is an active member of the following academies: AAP, AO, WSP, SEPA, where he has presented research posters. His line of research is Peri-Implant Diseases and Soft Tissue Grafting with the VISTA Technique.

Topic: Soft Tissue Augmentation using the VISTA Technique

Soft tissue defects around teeth and implant are common. These can be managed by treatment of gingival recession around teeth and implants, as well as improvement of facial soft tissue contour around implant sites. A variety of techniques are available for soft tissue and bone augmentation. However, the conventional techniques have a number of limitations including, exposure of graft material due to flap opening, scar formation at recipient sites due to surface incisions and relapse of recession due to muscle pull during healing. This presentation introduces a novel, minimally invasive approach, referred to as vestibular incision subperiosteal tunnel access (VISTA), as well as a method for stabilizing mucosal margins to achieve optimal coronal positioning. The rationale and technique of VISTA will be presented and illustrated with clinical cases. There will be also an optional hand-on workshop on sheep heads to provide an opportunity to learn the practical aspects of VISTA for soft tissue and bone augmentation.

Topic Objectives:

- Rationale and technique of VISTA for soft tissue augmentation around teeth and implants
- Application of autogenous tissue, allograft, xenograft and growth factors for soft tissue and bone augmentation
- Practical demonstration of the step-by-step VISTA for soft tissue and bone augmentation on sheep heads

Hands-On Workshop: VISTA for Periodontal Root Coverage (Saturday, January 30, 2016; 1:30 pm)

The hands-on workshop portion of this course will provide an opportunity to learn the practical aspects of VISTA for soft tissue and bone augmentation allowing the participants to practice these techniques on sheep heads.



Jaime Gil, MD, DDS, PhD (SPAIN)

Dr. Jaime Gil is professor and Chairman of Prosthodontics at the University of the Basque Country (Bilbao, Spain). He has a Ph. D. in Medicine and Surgery. Dr. Gil is the Past- President of the following organizations: European Academy of Esthetic Dentistry, the Spanish Society of Prosthodontics, International College of Dentists (European-Section) and the European Dental Society. He is a member of the following International Organizations: American Academy of Esthetic Dentistry, American Academy of Restorative Dentistry, American Academy of Fixed Prosthodontics, International College of Prosthodontics, European Prosthodontic Association, and the European Association for Osseointegration. He is also the Associate Editor for the International Journal of Prosthodontics Advisory Board.

Moderator - Restorative Track



Oscar Gonzalez-Martin, DDS (SPAIN)

Dr. Oscar Gonzalez-Martín received a DDS degree from the University of Seville in 1999. In 2005 he moved to Philadelphia and 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.

Topic: The Influence of the Alveolar Contour and Implant Abutment Design on Final Aesthetic

For natural appearance of prostheses placed in aesthetic areas, the preservation and/or reconstruction of the tissue volume seems necessary in many instances. Soft tissue, hard tissue, or combined augmentations may be attempted to reduce these defects, enhancing the alveolar contour at the edentulous segment. Also, while tissue volume at anterior implants is a key to aesthetic success, the adequate management of the provisional and definitive restoration become crucial to obtain optimal esthetic results.

During this lecture we will discuss different surgical techniques to optimize aesthetic result, also describing the concept of the critical/subcritical contour and 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.

Hands-On Workshop: Aesthetic Crown Lengthening (Friday, January 29, 2016; 1:30 pm)

According to the most recent American Academy of Periodontology Practice Profile Survey, approximately 10% of all periodontal surgical procedures are accomplished for purposes of crown lengthening (CL). Unfortunately, although surgical CL is a predictable method of gaining crown length, to obtain a predictable and stable position of the gingival margin is not always easy to achieve. During this hand-on we will discuss the surgical details to improve surgical results as well as present a two stage surgical crown lengthening protocol for aesthetic restorative purposes and to compare the outcome and wound healing dynamics with the one-stage surgical crown lengthening procedure.

**Ernesto Lee, DMD (USA)**

Dr. Ernesto Lee is the Director of the Postgraduate Periodontal Prosthesis Program, and the Postdoctoral Implant Fellowship at Penn Dental Medicine. Dr. Lee graduated summa cum laude from the University of Panama, in his native country. He holds dual specialty degrees in Periodontics and Periodontal Prosthesis/Fixed Prosthodontics from the University of Pennsylvania.

Dr. Lee is the author of several publications, and has lectured extensively.

His practice is located in suburban Philadelphia, and is limited to Prosthodontics and Implant Dentistry.

Topic: Interdisciplinary Strategies for the Esthetic Implant Reconstruction of High Risk Cases: Treating High Smiles with Ridge Defects and Complications

Predictable esthetic management of the compromised anterior dentition with dental implants constitutes one of the most difficult challenges in contemporary dentistry, especially in scenarios where soft and hard tissue defects are present. Traditional surgical approaches will often result in inadequate peri-implant soft tissue architecture. Although the use of pink restorative materials has been proposed to disguise residual soft tissue deficits, maintenance issues and esthetic limitations remain a concern, particularly as it pertains to high smile cases. This presentation will focus on the predictable esthetic management of high-risk and compromised sites, demonstrating the use of contemporary interdisciplinary strategies for the treatment of peri-implant esthetic dilemmas and complications.

Topic Objectives:

- Enhancement of diagnostic skills for improved esthetic risk assessment in implant therapy.
- Detailed description of a predictable protocol for immediate implant placement and provisionalization in the esthetic zone.
- Demonstration of interdisciplinary therapies used to develop single and multi-implant sites with defects.
- Discuss the management of implant related esthetic complications.

**Kenneth K. Lee, DDS (USA)**

Dr. Kenneth Lee is a graduate of the University of Southern California School of Dentistry. He received his D.D.S. degree in 1989. He received his certificate in dental anesthesiology from Loma Linda University Medical Center in 1990.

He is a fellow of the American Dental Society of Anesthesiology and is a diplomate of the National Dental Board of Anesthesiology. He is currently an associate professor at the Ostrow School of Dentistry at U.S.C where he teaches I.V. sedation to dental students and the graduate periodontology residents. He is co director of the parenteral moderate sedation course at USC.

He has been appointed as an attending dental anesthesiologist for the dental anesthesiology residency program at NYU. He is the co-director of One to One Anesthesia Seminars, an anesthesia training center for all dental providers performing IV sedation and/or general anesthesia.

He is the owner and founder of Solis Surgical Arts Center, a multi specialty licensed surgery center in Tarzana, California, dedicated to the delivery of dental care under general anesthesia. At Solis, he maintains a private practice specializing in comprehensive dentistry under general anesthesia.

Topic: Update on Pain and Anxiety Control

Creating satisfied patients means being able to deliver our services in a pain free and stress free environment. With modern techniques this is becoming a reality in many offices. This presentation will reinforce the physical evaluation of patients with an ASA classification and determine which patients can be treated safely. Additionally, pain control techniques and anxiety control strategies will be discussed. This will include the V2 block which allows for hemi-maxillary anesthesia with just one block and nitrous oxide and safe oral sedation strategies.

Topic Objectives:

- To understand the components of physical evaluation and identify medical risk factors in your patients
- To learn the drugs and techniques used for anxiety control in dentistry
- To learn alternative techniques in pain control including the V2 block

**Ramin Mahallati, DDS (USA)**

Dr. Mahallati graduated from the Herman Ostrow School of Dentistry of USC where he also completed his advanced specialty training in Prosthodontics. He is a former Clinical Assistant Professor at Ostrow School of Dentistry. Presently, he maintains a private practice limited to Prosthodontics and Implant dentistry in Beverly Hills, California. He is also involved in research in the areas of Implant Dentistry and Dental Materials. He has presented nationally and internationally in the field of Implant Dentistry.

Topic: Implications of Craniofacial Growth and Aging on Dental Implants: An Informed Decision

Partially edentulous adult patients have been rehabilitated using dental implants for several decades. Until recently it was assumed and widely accepted that in the adult patient the growth had ceased and the implant placement was performed in a static system. More recently there have been case reports in the literature of occlusal esthetic and periodontal changes on once considered stable dental implants. Craniofacial growth has been identified as the culprit.

In this presentation the implications of continuous adult aging and growth on implant supported restorations will be discussed. Risk assessment algorithms for identification of the “at risk” patient as well as corrective measures for cases already treated will be presented. Pre and post treatment check lists along with a classification system for more uniform reporting will be discussed.

Topic Objectives:

- Understanding the significance of Craniofacial Growth in the “moving implant” cases
- Identifying the high risk patient
- Implementing alternative treatment modalities when appropriate
- Corrective options for cases already treated
- Ability to use classification system to better communicate with colleagues



Diane Melrose, RDH, BS (USA)

An expert on smoking cessation and the relationship between nutrition and oral health.

Professor of Clinical Dentistry Chair, Dental Hygiene Program, Herman Ostrow School of Dentistry of USC

Topic: RDH in the multidisciplinary team

Hands-On Workshop: Ergonomics in periodontal instrumentation



Achille Peivandi, DDS, MS (USA)

Dr. Achille Peivandi specializes in periodontics, implants and oral surgery. He is an ex-Assistant Professor, department of Periodontology, Lyon Claude Bernard University. Post graduate of Implantology, Lyon Claude Bernard University. Founder of Directory of API (Association de Parodontologie et Diimplantologie). Mastership in periodontology (DU, diplome universitaire de parodontologie). Mastership in Implantology: surgical and prosthetic (DU, diplome universitaire diimplantologie chirurgical et prothetique). Fellow of AFI: (association Française diimplantologie), Fellow of SFPIO: (Association Française de Parodontologie et Diimplantologie Orale), Private practice, Lyon, France and Tehran, Iran. Hospital practitioner, maxillofacial unit Lyon North Pole.

Topic: Current Knowledge and perspectives for the use of autologous platelet concentrates in soft and hard tissue surgery: 16 years of Clinical experience with Leukocyte Platelet Rich Fibrine (L-PRF)

Platelet concentrates are autologous blood extracts prepared through centrifugation of a blood sample of the patient. Whatever the method used, the objective of this technology is the same: to gather and collect the platelets (particularly rich in growth factors), the fibrinogen (later activated into a protective fibrin matrix supporting the healing process) and in some cases the cell content (particularly some populations of leukocytes), and to inject or place this preparation into a wounded or surgical site to improve healing and promote tissue regeneration.

Topic Objectives:

- The topical use of platelet concentrates is recent and its efficiency remains controversial.
- Several techniques for platelets concentrates are available; however, their applications have been confusing because each method leads to a different product with different biology and potential uses.
- Here we present classification of the different platelet concentrates into 4 categories, depending on their leucocyte and fibrin content:
 - pure platelet rich plasma (P-PRP)
 - Leucocyte and platelet rich plasma (L-PRP)
 - Pure platelet rich fibrin (P-PRF)
 - Leucocyte platelet rich fibrin (L-PRF).
- We also present our 16 years of experience using PRF in oral, periodontal and implant surgery.

Hands-On Workshop: The use of Leukocyte Platelete Rich Fibrine (L-PRF) in Oral, Periodontal, Implant and Maxillo-facial Surgery (Sunday, January 31, 2016)

Platelet concentrates are autologous blood extracts prepared through centrifugation of a blood sample of the patient. The method used by us is the L-PRF technique, which is by far the most ergonomic and physiologic method. The objective of this technology is the same: to gather and collect the platelets (particularly rich in growth factors), the fibrinogen (later activated into a protective fibrin matrix supporting the healing process) and in some cases the cell content (particularly some populations of leukocytes), and to inject or place this preparation into a wounded or surgical site to improve healing and promote tissue regeneration.

Topic Objectives:

- Techniques for to draw blood from a patient.
- Become familiar with the centrifuge machine IntraSpin and all the accessories necessary in order to prepare the L-PRF membranes, Expression box, tubes, divers instruments.
- Be able to prepare L-PRF membranes.
- Participants should be able to use the membranes in various clinical situations from extraction sites to full arch reconstructions.

**Waldemar Polido, DDS (BRAZIL)**

- Oral and Maxillofacial Surgeon, with a MS and PhD degrees from the PUCRS School of Dentistry, Porto Alegre, RS, Brasil
- Residency in Oral and Maxillofacial Surgery, University of Texas, Southwestern Medical Center at Dallas, USA
- Editor-in-Chief, Implantology Dental Press Journal, Brasil
- Reviewer for the IJOMS, Dental Press Orthodontics Journal, Journal of the Brazilian College of Oral and Maxillofacial Surgeons
- Fellow of the ITI - International Team for Implantology, Member of the ITI Education Committee, and Coordinator of the ITI Education Week Porto Alegre, Brasil

- Focus on advanced and complex surgical treatments in Implant Dentistry
- Private Practice in Porto Alegre, Brasil

Topic: Treatment predictability, invasiveness, cost and duration: how to balance it for the best outcome?

When treatment planning for different clinical situations, from a single tooth in the esthetic zone, to a major atrophic maxilla, there are several factors that clinicians have to balance before deciding for a major or medium sized reconstruction or using techniques with less invasiveness. Digital planning, short and/or reduced diameter implants, and the use of bone substitutes, have evolved over the last 20 years, providing increased predictability and reduced surgical trauma in order to obtain predictable and long lasting restorative results. However, some situations still require staged approaches instead of simultaneous implant placement, leading to complex surgeries and longer treatment times.

Our presentation will discuss the evolution of surgical techniques and materials used for implant surgeries, correlating it to the predictability, cost and invasiveness, in order to obtain predictable results.

Topic Objectives:

- Identify situations where implant surgery was performed in a more invasive approach;
- Summarize the evolution of techniques and materials
- Differentiate techniques and materials that can increase predictability and reduce

**Massimiliano Politi, DDS (ITALY)**

Dr. Politi earned his Degree in Dental Surgery (DDS) at the University of Milan, Italy. He specialized in Orthodontics at the School of Specialization in Orthodontics at the University of Milan (Director: Prof. C. Maiorana). Dr. Politi is a tutor at the Department of Orthodontics at the Dental Clinic (Director: Prof. Roberto L. Weinstein) IRCCS Galeazzi Orthopaedic Institute, Department of Biomedical, Surgical and Dental Sciences. He was the winner of the “D. Tazza” award for the best thesis in dentistry at the order of doctors and dentists in Perugia, with thesis entitled: “Comparative study between 2D cephalometric analysis and new 3D cephalometric methods”.

Hands-On Workshop: Maxillary Sinus Augmentation (Sunday, January 31, 2016)



Giano Ricci, MD, DDS, M.Sc.D (ITALY)

Dr. Giano Ricci graduated in medicine and specialized in dentistry at University of Florence Italy. In 1972 he obtained a Master of Science degree in periodontology from Boston University. He is an author of numerous publications in the periodontal field and author of the recent book “Diagnosis and Periodontal Therapy” published by Quintessence (2014). He is co founder, past president of the Italian Society of Periodontology and president of the European Academy of Esthetic Dentistry.

Topic: A Comprehensive Approach to Obtain Optimal Esthetic Results Around Periodontally Involved Teeth and Implants

Recapturing esthetic gingival margins and adequate papilla height according to the ideal soft tissue morphology are major issues both in pure periodontal as well as in perio-implant cases. Indeed these are everyday challenges the clinician is confronted with especially in very advanced cases. Different surgical, non surgical or combination techniques have been proposed to solve these problems.

The presentation will analyze “long term results” of different treatment modalities indicating the advantages and limitations of different approaches on natural teeth, dental implants and edentulous areas.

The need for an adequate diagnosis, for a comprehensive treatment plan, for a full understanding of wound healing mechanisms and for proper technical execution will be emphasized.

**Maurice Salama, DMD (USA)**

Dr. Maurice A. Salama completed his undergraduate studies at the State University of New York at Binghamton in 1985, where he received his BS in Biology. Dr. Salama received his DMD from the University of Pennsylvania School of Dental Medicine, where he later received his dual specialty certification in Orthodontics and Periodontics, as well as his implant training at the Branemark Center at Penn.

Dr. Salama is currently on the faculties of the University of Pennsylvania and the Medical College of Georgia as Clinical Assistant Professor of Periodontics.

Dr. Salama is a permanent member of the Scientific Committee of the world's leading online Dental Education Website DENTALXP.com

He is also a member of the Team Atlanta Dental Practice with Drs. Goldstein and Garber which is a multidisciplinary practice world renowned for their clinical research in reconstructive and esthetic dentistry.

Topic: Tissue Augmentation in Esthetic Therapy

Clinicians today have access to an astounding array of new technology, tools and materials to utilize in their progressive and esthetically oriented practices. However, none of them can ensure success if the treatment design is inadequate. This presentation puts an emphasis on identifying the risk factors to successful esthetic outcomes as well as on developing appropriate solutions to overcoming them.

A clear blueprint will be outlined which will incorporate digital and biomaterial technology synergistically with advanced surgical protocols to overcome esthetic challenges and predictably achieve successful results. In addition, specific guidelines for the utilization of new regenerative products will be outlined as well as new applications for future enhancement.



Riccardo Scaini, DDS (ITALY)

Degree in Dental Surgery (DDS) at the University of Milan, Italy, specializing in Oral Surgery at the same University. Member of the Implant Dentistry and Oral Rehabilitation Department (Head: Tiziano Testori MD, DDS, FICD), IRCCS Galeazzi Orthopedic Institute, School of Dentistry (Chairman: Prof. R.L. Weinstein), University of Milan.

Member of the Italian Society of Oral Surgery and Implantology (SICOI), Member of the Italian Society of Specialist in Oral and Dental Surgery (SISCOO).

Winner of the SICOI Young Clinical Case Competition Award year 2013.

2013-2015 Tutor for the annual post graduate course “Corso di Alta Formazione in Implantologia” (Head: Prof. R.L. Weinstein Course director: Tiziano Testori MD, DDS, FICD. Scientific coordinator: Prof. Massimo Del Fabbro).

Author of scientific publications in the field of Implant Dentistry.

Hands-On Workshop: Maxillary Sinus Augmentation (Sunday, January 31, 2016)

**Navid Sharifzadeh, DDS (USA)**

2013- current; 3rd year resident, Advanced Periodontology, University of Southern California
2011-2012; DGOI fellowship in Advanced Oral Implantology
2008-2013; Co-Owner and manager, Artman Dental Clinic, Tehran, Iran
1997-2003; Doctor of Dental Surgery, Tehran Azad University, School of Dentistry, Tehran, Iran.

Research topics:

- A Novel Biofilm Mediated Osteolytic Infection (BMOI) Model
- Surgical treatment of Peri-implantitis.

Extracurricular activities:

Former member of Iran's National basketball team.

Hands-On Workshop: Regenerative therapy of Peri-implantitis (Friday, January 29, 2016; 1:30 pm)

Regeneration of the peri-implant bone is important to salvage implants with severe peri-implant destruction. One of the main obstacles of regeneration is the presence of hard and soft biofilm, which is difficult to remove. Various decontamination procedures have been proposed, though there is no consensus about the most effective protocol. Different biomaterial and biologic agents have been used for regeneration.

This workshop consists of presentation to review the protocol for regenerative therapy around implants. The important steps in this protocol include thorough surface decontamination of implants followed by guided bone regeneration. A hands-on workshop is conducted on sheep jaw to gain experience with all of the steps involved in implant surface decontamination, application of bone substitutes and flap management to obtain primary coverage over implant sites.

Topic Objectives:

- Discussion of the protocol for surface decontamination, bone harvesting and bone augmentation around implants.
- Biomaterial and biologics for peri-implant bone augmentation
- Flap management to obtain primary coverage over augmented sites.



Silvio Taschieri, MD, DDS (ITALY)

Degree in Medicine and Surgery (MD) and Post Graduate Degree Specialist in Stomatology (DDS) at the University of Milan, Italy.

University Researcher of the University of Milan with employment contract agreement status for research activity and consultant at Hospital IRCCS Istituto Ortopedico Galeazzi – Section of Odontostomatology (Head: Prof. R Weinstein)

Member of Specialty Expert Panel Restorative Dentistry Specialty and Reviewer of COH (Cochrane Oral Health Group), University of Manchester.

Active member of: Italian Society of Oral Surgery and Implantology (SICOI); Italian Academy of Non-Transfused Hemo-Components (ANTHEC); Italian Society of Endodontology (SIE); European Society of Endodontology (ESE). Lecturer at University of Tel Aviv, Université Paris Descartes, University of Göteborg, New York University. Winner of Scientific Prize competitions.

Associate Editor. Section of Implantology of Journal of Investigative and Clinical Dentistry - Edited By: Professor Lakshman Samaranayake, University of Queensland, Editor-in-Chief. Lead Guest Editor of Special Issues of Scientific World Journal, International Journal of Dentistry

Author of more 200 scientific publications (120 International indexed articles), and 14 book chapters.

Hands-On Workshop: Maxillary Sinus Augmentation (Sunday, January 31, 2016)



Tiziano Testori, MD, DDS, FICD (ITALY)

Received his MD degree (1981), DDS degree (1984). Specialty in Orthodontics (1986) from University of Milan, Italy. Fellowship at the Division of Oral Maxillo-Facial Surgery (Head: Robert E. Marx, DDS), School of Medicine, University of Miami, Miami FL (2000).

Currently Head of the Section of Implant Dentistry and Oral Rehabilitation Department of Biomedical, Surgical and Dental Science (Chairman: prof. R.L. Weinstein), IRCCS, Galeazzi Institute, University of Milan, Milan, Italy.

Associate clinical professor School of Dentistry, University of Milan, Milan, Italy.

Past President (2007 – 2008) of the Italian Society of Oral Surgery and Implantology (SICOI).

Member of the Editorial Board of IJOMI, EJOI, IJPRD, Quintessence Publishing.

Author of 98 peer-reviewed publications indexed in Pub Med.

Topic 1: Contemporary sinus surgery and alternatives in treatment

Sinus elevation surgery has become an indispensable part of the practice of implant surgery, periodontics and oral surgery. Procedures have evolved during the last 25 years to a point where sinus grafting surgery is considered the most successful augmentation procedure performed today and the survival rate of implants placed in these grafts is as high as or higher than that of implants placed in the non-grafted posterior maxilla. The sinus elevation procedure is still evolving today due to the development of new surgical techniques and new biomimetic technologies.

This lecture will present both evidence-based and new state-of-the-art techniques.

Topic 2: Prevention and treatment of postoperative infections after sinus elevation surgery

Maxillary sinus surgery is a reliable and predictable treatment option for the prosthetic rehabilitation of the atrophic maxilla. Nevertheless, these interventions are not riskless of postoperative complications with respect to implant positioning in pristine bone. The aim of this lecture is to report the results of a clinical consensus of experts (periodontists, implantologists, maxillofacial surgeons, ENT, and microbiology specialists) on several clinical questions and to give clinical recommendations on how to prevent, diagnose, and treat postoperative infections.

Hands-On Workshop: Maxillary Sinus Augmentation (Sunday, January 31, 2016)



Tommaso Weinstein, DDS, PhD (ITALY)

Degree in Dentistry (DDS) and PhD at the University of Milan, Italy.

Tutor of the Implant Dentistry and Oral Rehabilitation Department (Head: Tiziano Testori MD, DDS, FICD), IRCCS Galeazzi Orthopedic Institute, School of Dentistry (Chairman: Prof. R.L. Weinstein), University of Milan.

Section Editor of the Italian edition of Quintessence International and Jomi (QI&J).

Author of national and international scientific publications.

Private practice in Milan, Italy.

Hands-On Workshop: Maxillary Sinus Augmentation (Sunday, January 31, 2016)



Masao Yamazaki, MD, DDS, FICD (JAPAN)

Dr. Yamazaki is the president, Harajuku Dental Office and the founder and President of S.J.C.D International , the biggest study group in Japan which currently has over 1,000 members in the dental professional. He graduated from Tokyo Dental College in 1970 and has lectured at over 26 meetings, conferences and symposia.

Research Interest:

Periodontics & Restorative Dentistry, Implantology, Esthetic Dentistry

Topic: TBA

Synopsis Coming Soon



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.

Hands-On Cadaver Workshop: Management of Soft Tissue Complications Around Dental Implants (Wednesday, January 27, 2016)

The soft tissue attachment around implants is critical, not only for the esthetics, but also for the long-term stability of the attachment around implants. Risk assessment can help to determine the relative risk of soft tissue deficiency around implants. This all-day program will review the most recent evidence for factors influencing the behavior of soft tissues around implants, as well as most effective strategies to manage implant soft tissue deficiencies. Correction of soft tissue defects around implants is more challenging than around teeth, partly due to reduced vascularity. This presentation demonstrates the application of “vestibular incision subperiosteal tunnel access” (VISTA), which can be used both in conjunction with implant placement or for the correction of peri-implant recession defects. VISTA is particularly helpful in correction of soft tissue deficiencies around implant sites, because of improved blood supply. The rationale and technique of VISTA will be presented and illustrated with clinical cases.

Topic Objectives:

- Risk assessment to determine relative risk of soft tissue deficiency
- Rationale and step-by-step technique of VISTA for peri-implant soft tissue augmentation
- Application of autogenous tissue, allograft, xenograft and growth factors for peri-implant soft tissue augmentation

Workshops

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

Several all-day programs with cadaver workshop components will be conducted at the Herman 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, six hands-on workshops will be conducted at the Biltmore Hotel on Friday afternoon, January 29 and Saturday afternoon, January 30.

Hands-On Cadaver Workshop

Wednesday, January 27, 2016, 8:00am - 5:00pm - Herman Ostrow School of Dentistry of USC

Soft Tissue Augmentation Around Implants

Speaker: Dr. Homa Zadeh

The soft tissue attachment around implants is critical, not only for the esthetics, but also for the long-term stability of the attachment around implants. Risk assessment can help to determine the relative risk of soft tissue deficiency around implants. This all-day program will review the most recent evidence for factors influencing the behavior of soft tissues around implants, as well as most effective strategies to manage implant soft tissue deficiencies. Correction of soft tissue defects around implants is more challenging than around teeth, partly due to reduced vascularity. This presentation demonstrates the application of “vestibular incision subperiosteal tunnel access” (VISTA), which can be used both in conjunction with implant placement or for the correction of peri-implant recession defects. VISTA is particularly helpful in correction of soft tissue deficiencies around implant sites, because of improved blood supply. The rationale and technique of VISTA will be presented and illustrated with clinical cases.

Upon completion of this course participants will know:

- Risk assessment to determine relative risk of soft tissue deficiency
- Rationale and step-by-step technique of VISTA for peri-implant soft tissue augmentation.
- Application of autogenous tissue, allograft, xenograft and growth factors for peri-implant soft tissue augmentation.

Hands-On Cadaver Workshop

Thursday, January 28, 2016, 8:00am - 5:00pm - Herman Ostrow School of Dentistry of USC

Alveolar Ridge Augmentation In The Esthetic Zone

Speaker: Dr. Maurice Salama

Synopsis: The key to successful implant dentistry is the ability of the clinician to provide adequate volume and quality of bone to the recipient site. This requires a thorough and precise diagnostic evaluation utilizing bone sounding, PA films and CBCT 3D software. Once the volume of the deficiency has been properly registered the appropriate bone grafting technique can then be selected. The desire is to utilize the least invasive and most conservative techniques needed to get the required results. Extraction Socket Grafting, GBR, Onlay Block Grafting, Ridge Splitting and Expansion will be featured. The utilization and importance of bioactive modifiers such as PRGF and autologous fibrin membranes will also be discussed. The products available today for Bone Augmentation including, allograft and xenograft particulate bone, various membranes, bone tacks, fixation screws, BMP-2, titanium mesh and various membranes will be clarified as to their effectiveness in each procedure. This program is a practical program aimed at developing the skills to manage common ridge deficiencies often found in implant dentistry.

Upon completion of this course participants will know:

Basic Surgical Anatomy and Incision Techniques in Hard Tissue Surgery
How to apply 5 commonly used bone grafting techniques in clinical practice
How to manage the “deficient” site through various and innovative augmentation techniques

Hands-On Workshop

Friday, January 29, 2016, 1:30pm - 5:00pm - Millennium Biltmore Hotel Los Angeles

Piezosurgery for Implant Site Osteotomy Preparation

Speaker: Dr. Neema Bakhshalian

Piezosurgery has many benefits in implant osteotomy, including more precise osteotomy preparation. Piezosurgery is also able to make non-cylindrical osteotomy preparations. This is useful in implant osteotomy preparation for narrow alveolar ridge sites where an oval shaped osteotomy can be prepared. Piezosurgery is most helpful in osteotomy preparation in extraction sockets for immediate implant placement. Unlike drills which can slide on uneven extraction socket walls or molar septa, piezosurgery efficiently enters into these anatomical irregularities, allowing for a precise preparation for immediate implant placement. A number of studies have found that alveolar bone prepared using piezosurgery exhibits faster healing and implants placed into these sites exhibit improved primary stability. This workshop includes case presentation to review the rationale and step-by-step procedure for osteotomy preparation using piezosurgery. A hands-on workshop will be conducted on pig jaw to provide practical experience with the clinical protocols.

Hands-On Model Workshop

Friday, January 29, 2016, 1:30pm - 5:00pm - Millennium Biltmore Hotel Los Angeles

Regenerative Therapy for Peri-Implantitis

Speaker: Dr. Navid Sharifzadeh

Regeneration of the peri-implant bone is important to salvage implants with severe peri-implant destruction. One of the main obstacles of regeneration is the presence of hard and soft biofilm, which is difficult to remove. Various decontamination procedures have been proposed, though there is no consensus about the most effective protocol. Different biomaterial and biologic agents have been used for regeneration.

This workshop consists of presentation to review the protocol for regenerative therapy around implants. The important steps in this protocol include thorough surface decontamination of implants followed by guided bone regeneration. A hands-on workshop is conducted on sheep jaw to gain experience with all of the steps involved in implant surface decontamination, application of bone substitutes and flap management to obtain primary coverage over implant sites.

Hands-On Model Workshop

Friday, January 29, 2016, 1:30pm - 5:00pm - Millennium Biltmore Hotel Los Angeles

Esthetic Crown Lengthening

Speaker: Dr. Oscar Gonzalez-Martin

Synopsis Coming Soon!

Hands-On Model Workshop

Saturday, January 30, 2016, 1:30pm - 5:00pm - Millennium Biltmore Hotel Los Angeles

VISTA for Periodontal Root Coverage

Speaker: Dr. Alfonso Gil

Soft tissue defects around teeth and implant are common. These can be managed by treatment of gingival recession around teeth and implants, as well as improvement of facial soft tissue contour around implant sites. A variety of techniques are available for soft tissue and bone augmentation. However, the conventional techniques have a number of limitations including, exposure of graft material due to flap opening, scar formation at recipient sites due to surface incisions and relapse of recession due to muscle pull during healing. This presentation introduces a novel, minimally invasive approach, referred to as vestibular incision subperiosteal tunnel access (VISTA), as well as a method for stabilizing mucosal margins to achieve optimal coronal positioning. The rationale and technique of VISTA will be presented and illustrated with clinical cases. There will be also an optional hand-on workshop on sheep heads to provide an opportunity to learn the practical aspects of VISTA for soft tissue and bone augmentation.

Hands-On Model Workshop

Saturday, January 30, 2016, 1:30pm - 5:00pm - Millennium Biltmore Hotel Los Angeles

Soft Tissue Augmentation

Speaker: Dr. Dr. Giano Ricci

Synopsis Coming Soon!

Hands-On Model Workshop

Saturday, January 30, 2016, 1:30pm - 5:00pm - Millennium Biltmore Hotel Los Angeles

Immediate Implant Therapy in Molars

Speaker: Dr. Hugo De Bruyn

Synopsis Coming Soon!

Dental Hygiene Forum: Optional Dental Hygiene Hands-On Workshop

Saturday, January 30, 2016, 2:30pm - 5:30pm - Millennium Biltmore Hotel Los Angeles

TBA

Speaker: Dr. Kenneth Lee

Synopsis Coming Soon!

Hands-On Cadaver Workshop

Sunday, January 31, 2016, 8:00am - 5:00pm - Herman Ostrow School of Dentistry of USC

L-PRF IN IMPLANT SURGERY

Speaker: Dr. Achille Peivandi

Synopsis Coming Soon!

Hands-On Cadaver Workshop

Sunday, January 31, 2016, 8:00am - 5:00pm - Herman Ostrow School of Dentistry of USC

MAXILLARY SINUS AUGMENTATION

Speaker: Dr. Tiziano Testori

Maxillary sinus surgery is a reliable and predictable treatment option for the prosthetic rehabilitation of the atrophic maxilla. Nevertheless, these interventions are not riskless of postoperative complications with respect to implant positioning in pristine bone. The aim of this lecture is to report the results of a clinical consensus of experts (periodontists, implantologists, maxillofacial surgeons, ENT, and microbiology specialists) on several clinical questions and to give clinical recommendations on how to prevent, diagnose, and treat postoperative infections.

Upon completion of this course participants will be able to:

- Prevent post-op complications
- Diagnose post-op complications
- Treat post-op complications

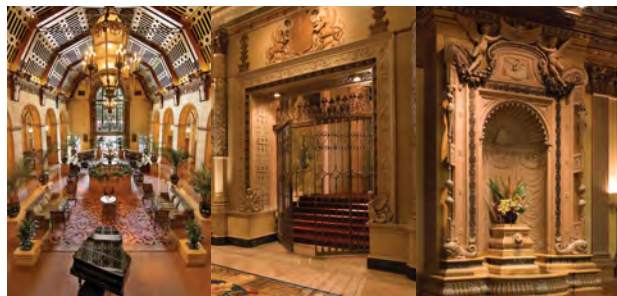
General Information

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: 1601PERIOS
- Website: www.millenniumhotels.com/millenniumlosangeles
- Book your rooms early! Special guest room rate is available for enrollees for 41th USC Periodontal & Implant Symposium. Book prior to January 8, 2016 to receive \$155 rate for Classic Room (single or double) and \$185 for Club Room. Or book your room online at: www.millenniumhotels.com/millenniumlosangeles (Group Code 1601PERIOS)



QUESTIONS?

Please contact Herman 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: www.uscdentalce.org

ONLINE REGISTRATION AVAILABLE AT: WWW.USCDENTALCE.ORG
LOOK FOR USC PERIODONTAL & IMPLANT SYMPOSIUM ON FACEBOOK!

Registration Form

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.

41st Annual USC International Periodontal & Implant Symposium. January 27 - 31, 2016. 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
Email: cedental@usc.edu • Online reservation: www.uscdentalce.org

First Name: _____ Last Name: _____

Title: _____ Specialty: _____

Address: _____

City: _____ State: _____ Zip: _____

Business Phone: _____ Additional Phone (Optional): _____

Email: _____ Fax: _____

Additional Enrollees: _____

☐ **Friday - Saturday, January 29 - 30, 2016 - General Sessions. (Millennium Biltmore)**

Before 12/7/15: Dentist \$545, Allied Professional \$465, Faculty \$465, Student \$125

12/7/16 - 1/5/16: Dentist \$625, Allied Professional \$530, Faculty \$530, Student \$145

After 1/5/16: Dentist \$695, Allied Professional \$590, Faculty \$590, Student \$195

* Tuition includes option to attend Dental Hygiene Forum and cocktail reception on Friday, January 29, 5:00 pm - 7:00 pm

☐ **Saturday, January 30, 2016 - Dental Hygiene Forum, 9:00am - 2:00pm. (Millennium Biltmore)**

Before 12/7/15: Dentist and Allied Professional \$155, Faculty and Student \$95

12/7/15 - 1/5/16: Dentist and Allied Professional \$175, Faculty and Student \$115

After 1/5/16: Dentist and Allied Professional \$195, Faculty and Student \$135

Cadaver Workshop at USC: Before/After 12/7/15: Dentist \$1,895/\$1,995 Per Workshop

Wednesday, January 27, 2016, 8:00am - 5:00pm.

☐ **Management of Soft Tissue Complications Around Dental Implants (Homa Zadeh)**

Thursday, January 28, 2016, 8:00am - 5:00pm.

☐ **Alveolar Ridge Augmentation in the Esthetic Zone (Maurice Salama)**

Sunday, January 31, 2016, 8:00am - 5:00pm.

☐ **Maxillary Sinus Augmentation (Tiziano Testori)**

☐ **L-PRF in Implant Surgery (Achille Peivandi)**

Hands-On Workshop at Millennium Biltmore: Before/After 12/7/15: Dentist \$495/\$565 Per Workshop

Friday, January 29, 2016, 1:30pm - 5:00pm (Pig Jaw Surgery Workshops).

☐ **Esthetic Crown Lengthening (Oscar Gonzalez-Martin)**

☐ **Regenerative Therapy for Peri-Implantitis (Navid Sharifzadeh)**

☐ **Piezosurgery for Implant Site Osteotomy Preparation - Neema Bakhshalian**

Saturday, January 30, 2016, 1:30pm - 5:00pm (Pig Jaw Surgery Workshops).

☐ **Soft Tissue Augmentation (Giano Ricci)**

☐ **Immediate Implant Therapy in Molars (Hugo De Bruyn)**

☐ **VISTA for Periodontal Root Coverage (Alfonso Gil)**

☐ **Saturday, January 30, 2016, 3:00pm - 5:00pm. (Millennium Biltmore)**

Optional Dental Hygiene Hands-On Workshop (Diane Melrose) Before/After 12/7/15: Dentist and Allied Professional \$105/\$125

☐ **Friday, January 29, 2016, 7:00pm - 9:00pm. (Millennium Biltmore)**

Join us for an evening of entertainment, food and drinks on Friday night sponsored by DENTSPLY IMPLANTS! - \$50

"Advance Periodontology Improvement Fund" to be used for educational mission of the USC Advanced Periodontology Program.
Specify \$ _____

☐ **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: _____

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