2017
CONTINUING EDUCATION
Dear Colleagues and Friends,

It is a pleasure to present to you our Continuing Education catalogue of courses for the year 2017. The wide array of our courses, national and international symposia, hands-on workshops, live patient experiences, on-line modules, webinars, and travel & learn programs will enhance and further optimize your educational experience. Our Continuing Education program emphasizes practical clinical application so that the biological principles and concepts learned can be rapidly incorporated into your daily practice enabling you to achieve excellence in delivering dental care to your patients. For your convenience, this year, we have also designed and implemented compact and comprehensive brochures that include upcoming courses for each trimester.

This year, we are offering some very exciting opportunities for your continuing education needs. Currently we also offer interactive live webinars where you can earn continuing education credits from the comfort of your home or office. You can also find us on Facebook. Additionally, you can receive instant course notifications and special offers throughout the year by signing up to our e-mail list. We will raffle an iPad mini among those who sign up this year. For more details, please check our website online or contact our CE office.

In 2017, we will continue to strengthen our national and international lifelong learning outreach. The University of Southern California has made its mark as a global research-intensive university. It has the largest number of international students of any university in the U.S. and is one of America’s leaders in international education. Since 2010, more than 30,000 oral healthcare professionals have attended our CE program, coming from more than 30 countries and 5 different continents including: Australia, Austria, Brazil, Canada, China, Columbia, Denmark, Egypt, El Salvador, France, Germany, Great Britain, Honduras, Israel, Italy, Jamaica, Japan, Korea, Kuwait, Malaysia, Mexico, Netherlands, Poland, Saudi Arabia, Singapore, Spain, Sweden, Switzerland, Syria, Taiwan, Turkey, Ukraine and the USA.

The Herman Ostrow School of Dentistry of USC has had a long-standing tradition of excellence for more than a century. We take pride in promoting excellent evidence-based training and the highest standards of oral health care by implementing multi-disciplinary, cross-disciplinary concepts, and skills to constantly enhance the quality of lifelong learning experiences of our participants.

We look forward to welcoming you to our programs.

Sincerely,

Ilan Rotstein, DDS
Professor and Associate Dean
Continuing Professional Education
New **USC** Online Dental Training Programs

dentalcontinuingeducation.usc.edu
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**L** - Lecture  
**P** - Hands-On Participation  
**W** - Live Webinar
No More Anterior Crowns: Veneers As A Substitute For A Full Crown
Herman Ostrow School of Dentistry of USC
Friday, January 20, 2017
9:00am - 5:00pm
7 Hours of Continuing Education

Porcelain veneers have become a popular procedure. However, without a comprehensive and sequential esthetic evaluation, diagnosis, material selection, treatment plan and execution, the successful outcome of porcelain veneers is hard to predict. Supragingival dentistry techniques have made this procedure easier and more predictable than ever before. Dr. Ruiz will explain how correct preparation technique affects the selection of the restorative porcelain material, based on the specific case needs, and how to achieve adequate balance of translucency and strength needed for excellent margin blending for supra-gingival or para-gingival margins. A logical approach for choosing the correct cement and bonding systems for predictable results will also be presented.

In addition, to predictably achieve patient satisfaction, it is imperative to have excellent communication with the patients, understand their unique esthetic perspective and goals, and systematically blend it with the operator’s esthetic preferences and goals. Also, before any case is initiated, it is imperative to properly diagnose the etiology of the condition requiring esthetic treatment. It is crucial to diagnose “occlusal disease” as it is often a major cause of a shorter life span of restorations. In this course, a practical clinical approach to implement smile design and occlusion to diagnosis and treatment planning of porcelain veneers will be presented.

Upon completion of this course participants will:
• Learn how to safely restore severely worn out incisal edges
• Recognize the importance of diagnosis of occlusal disease and its correlation with long lasting restorations
• Understand supra-gingival veneer preparation techniques
• Recognize the symptoms of occlusal disease and their relationship with longevity of porcelain veneers
• Know how to choose the correct restorative porcelain material for each specific case
• Understand what substrate is most suitable for long term bonding stability and how to better bond to each substrate
• Be able to select bonding systems and techniques yielding better long-term results
• Learn the 25 parameters of dento-facial of smile design

Course Director
Dr. Jose-Luis Ruiz

Faculty
Dr. Jose-Luis Ruiz

Tuition
Before December 15, 2016:
Dentist $265, Auxiliary $225
After December 15, 2016:
Dentist $315, Auxiliary $270
On-site registration:
Dentist $355, Auxiliary $300
Successful implant osseointegration is well documented over the past forty years. This program will educate the dentist in the most predictable manner to learn and treat patients that have missing teeth with the dental implant and its restoration. Aspects of treatment planning will be discussed and compared with conventional dentistry vs implant dentistry. The participant will become knowledgeable about CT scan, radiographic and surgical guides, implant components, implant provisional restorations, and screw retained and cement retained restoration. This course is designed for those that wish to begin implant treatment for their patients and those that would like a better basic understanding of dental implants.

Topics to be covered:
• Implant introduction- history, types
• CT scans- reading and identifying structures and position of implants
• Radiographic/surgical guides
• Implant components – screw drivers, abutments, screws, etc.
• Implant position
• Treatment planning for simple implant restorations
• Implant provisional restorations
• Soft tissue management for implant restorations
• Cement vs screw retained restorations

Upon completion of this course participants should:
• Know implant components with parts identification
• Be able to discuss optimal implant position
• Understand use and purpose of radiographic and surgical guide
• Know treatment planning sequence for uncomplicated implant
• Know the financial implications of implants vs conventional dentistry
• Be able to manipulate soft tissue around implant for best gingival architecture
• Know the sequence for delivering the uncomplicated implant restoration

* This course is intended for beginners with limited implant knowledge and whose goal is to familiarize with the procedures of Restorative Implant Dentistry. Part II (April 1, 2017) course information can be found on page 19.

Course Director
Dr. George Cho

Faculty
Dr. George Cho

Tuition
Before December 15, 2016:
Dentist $275, Auxiliary $225
After December 15, 2016:
Dentist $315, Auxiliary $270
Oral Surgery for the General Practitioner
Herman Ostrow School of Dentistry of USC
Saturday, January 21, 2017
9:00am - 5:00pm
7 Hours of Continuing Education

Have you ever had a routine dental extraction that turned ugly? Don’t let minor complications such as broken root tips stump you! Learn how to manage oral surgery cases with confidence and minimal stress.

This all-day lecture course is designed for general dentists who wish to expand their oral surgery experience and better understand and manage dento-alveolar surgical procedures. This comprehensive course will offer you, the general practitioner, an opportunity to better handle your extraction cases, manage complications and know what to avoid.

Upon completion of this course participants will know how to:
• Perform pre-operative patient evaluation and assess difficult extractions
• Better manage medically compromised patients
• Prescribe medications most commonly used for oral surgery
• Incorporate the latest updates on managing patients on bisphosphonates
• Apply effective local anesthesia techniques
• Use instrumentation for atraumatic extraction and dento-alveolar surgery
• Apply tissue management and flap designs for various surgical procedures
• Effectively retrieve broken root tips utilizing principles of exodontia
• Assess the advantages and disadvantages of socket grafting and the relevance of choosing a graft material
• Manage complications more efficiently

Course Director
Dr. Bach Le

Faculty
Dr. Bach Le, Dr. James McAndrews, Dr. Dennis-Duke Yamashita

Tuition
Before December 15, 2016:
Dentist $345, Auxiliary $280
After December 15, 2016:
Dentist $395, Auxiliary $335
In this introductory course, participants will gain proficiency in diagnosis and treatment planning for the single missing anterior or posterior tooth, and will master the restorative steps for single posterior implant and single anterior implant. Restorative decision making and execution will be transformed into a simple and easy process. Participants will also learn how to avoid and manage restorative complications. The lecture on day one will address all of the above topics. On day two, in addition to demonstrations by the instructor, participants will have the opportunity to participate in a hands-on workshop featuring impression-making techniques and fabricating provisional restorations, custom impression copings and custom abutments.

**DAY I - LECTURE ONLY:**
Diagnosis and treatment planning
- Standard of care
- Indications and contraindications for dental implants
- Options for replacement of a single missing tooth

Implant prosthetics
- Cement vs screw retained restorations
- Abutment selection
  - Prefabricated stock abutments
  - Custom computer designed abutments
- Provisionalization
- Impression techniques
- Biomechanics and occlusion

**Who will benefit from attending this course:**
- Dentists with limited implant knowledge
- Allied health professionals

**DAY II - LECTURE AND HANDS-ON:**
Demonstrations: Instructor will demonstrate
- Fabrication of single unit provisional restorations
- Fabrication of custom impression copings
- Fabrication of custom abutments

Hands-On: Participants will have the opportunity to
- Make abutment level and implant level impressions
- Attach abutments to implants
- Learn proper use of a torque driver
- Fabricate single unit provisional restorations
- Fabricate a custom impression coping
- Fabricate a pattern for a custom abutment

This course is intended for beginners with limited implant knowledge and whose goal is to familiarize with the procedures of Restorative Implant Dentistry. Part II (March 31 - April 1, 2017 - Page 17) and Part III (June 16 - 17, 2017 - Page 28) course information can be found on individual course page.

**Course Director**
Dr. Baldwin Marchack

**Faculty**
Dr. Baldwin Marchack

**Tuition**
Before December 15, 2016:
Lecture Only: $345
Lecture & Hands-On: $1,295

After December 15, 2016:
Lecture Only: $395
Lecture & Hands-On: $1,395
Adult and Pediatric Oral Conscious Sedation Recertification Program
Herman Ostrow School of Dentistry of USC
Day 1 - Adult Oral Conscious Sedation: Saturday, January 28, 2017
Day 2 - Pediatric Oral Conscious Sedation: Sunday, January 29, 2017
9:00am - 5:00pm
7 Hours of Continuing Education Per Day
Recertification Course

This course is a recertification program designed to safely provide oral conscious sedation for adult and pediatric patients through the study of physiology and pharmacology.

The course on Day 1 will complete the 2 year requirement (7 CE hours) for recertification of adult oral sedation. The course on Day 2 will complete the 2 year requirement (7 CE hours) or the recertification of pediatric oral sedation.

Pediatric oral sedation is defined as 13 and younger. Only recertification courses will be offered. This is NOT an initial certification course.

There will be a review of physiologic principles and how key features affect the administration of sedative medications in different patient populations. Emergency management will be covered in a realistic and applicable manner that reflects the likely scenarios to be encountered when introducing sedation to the dental office. There will be discourse of emergency prevention and proper office training.

This course will discuss various medications, techniques, and combinations found in published literature, in addition to popular contemporary techniques, with an emphasis on evaluating risk benefit ratios for each. There will be a review on how patient selection and medication selection can help maximize success and reduce the stress of failed outcomes.

There will be an assessment of probabilities and statistics in relation to the dangers of sedation, and how to utilize this data to make purposeful treatment decisions.

Upon completion of this course, participants should be able to:
• Develop a broad knowledge base in the administration of oral conscious sedation.
• Review the techniques and principles of sedation that help uncover the relationship between effectiveness and safety.
• Provide established and novel concepts in sedation for the recertification of an Oral Conscious Sedation Permit in California.

Course Director
Dr. James Tom

Faculty
Dr. James Tom, Dr. Rebecca Rees, Dr. Zachary Van Hilsen, Dr. Philip Yen

Tuition
Before January 1, 2017:
Day 1 - Dentist: $400
Day 2 - Dentist: $400
Both Days - Dentist: $695

After January 1, 2017:
Day 1 - Dentist: $475
Day 2 - Dentist: $475
Both Days - Dentist: $795
**Temporomandibular Disorders: From Capsulitis to Arthritis**

Herman Ostrow School of Dentistry of USC  
Friday, February 3, 2017  
9:00am – 5:00pm  
7 Hours of Continuing Education  
Lecture • Live Webinar

*This* course focuses on the four main categories of Temporomandibular Disorder, namely arthrogenic, myogenic, derangements and uncommon TMD. The lectures will review the current standards for medical history and physical examination required for diagnosis.

**Topics to be covered:**  
• TMJ anatomy.  
• TMJ mechanics.  
• TMJ radiology including the use of 3D-CT.  
• TMJ Dysfunction.  
• Evidence-based treatment procedures.

Upon completion of this course participants should:  
• Know the basics of TMJ anatomy and its clinical application.  
• Identify the various types of TMJ disorders.  
• Understand the mechanism of myofascial pain induction and maintenance.  
• Know the appropriate use of TMJ radiology procedures including 3D-CT, panoramic films and MRI images.

**Webinar System Requirements:**

On a PC: Internet Explorer 7.0 or newer, Mozilla Firefox 4.0 or newer or Google Chrome 5.0 or newer (JavaScript enabled); Windows 8, 7, Vista, XP or 2003 Server; Cable modem, DSL or better Internet connection; Dual-core 2.4GHz CPU or faster with 2GB of RAM (recommended); Participants wishing to connect to audio using VoIP will need a fast Internet connection, a microphone and speakers. (A USB headset is recommended.)

On a Mac: Safari 3.0 or newer, Firefox 4.0 or newer or Google Chrome 5.0 or newer (JavaScript enabled); Mac OS X 10.6 – Snow Leopard or newer; Intel processor (1GB of RAM or better recommended); Cable modem, DSL, or better Internet connection; Participants wishing to connect to audio using VoIP will need a fast Internet connection, a microphone and speakers. (A USB headset is recommended.)

On an iPad, iPhone or Android device: Free GoToMeeting app from the App Store or Google Play; WiFi connection recommended to use VoIP

**Course Director**  
Dr. Glenn Clark

**Speakers**  
Dr. Glenn Clark, Dr. Mariela Padilla, Dr. Jack Broussard, Dr. Saravanan Ram, Dr. Rick Borquez, and Dr. Sal Manriquez

**Tuition**

Before January 1, 2017:  
Dentist $275, Auxiliary $235  
Webinar: Dentist $220, Auxiliary $160

After January 1, 2017:  
Dentist $295, Auxiliary $250  
Webinar: Dentist $290, Auxiliary $220
A Simple Two-Step Treatment of Severe Periodontitis, and More!
Herman Ostrow School of Dentistry of USC
Saturday, February 4, 2017
9:00am - 5:00pm
7 Hours of Continuing Education

The recognition over the past three decades of microbial specificity in periodontitis has afforded dental practitioners the ability to prevent and treat the disease with a variety of antimicrobial drugs. These include systemic antibiotics, topical antibiotics and topical antiseptics. Systemic antibiotic therapy can be essential in eliminating pathogenic bacteria that invade gingival tissue and in helping control periodontal pathogens residing in various domains of the mouth from where they may translocate to periodontal sites. Frequently used periodontal combination antibiotic therapies are metronidazole-amoxicillin (250-375 mg of each/three times daily/8 days) and metronidazole-ciprofloxacin (500 mg of each/twice daily/8 days). Microbiological analysis helps determine the optimal antibiotic therapy and the effectiveness of treatment. Topical antibiotics that are commercially available as controlled release devices suffer from several potential problems, including insufficient spectrum of antimicrobial activity in some periodontal polymicrobial infections, risks of producing an antibiotic resistant microbiota, and high acquisition costs. In this course, Dr. Slots presents a periodontal treatment protocol that includes a battery of professionally and patient-administered antimicrobial agents. These chemotherapeutics can provide effective, safe, practical and affordable means of controlling subgingival colonization of periodontal pathogens and various types of periodontal disease. Treatment protocols and cases will be presented.

Topics to be covered:
• The type of periodontal patients who should be treated with adjunctive antimicrobial therapy
• Safe and effective antimicrobial therapies and how to select the most optimal antibiotic and antiseptic therapy for individual patients
• Effective and rational recall programs for periodontitis patients
• Highly effective, long-lasting and inexpensive means of combating bad breath and some types of tooth sensitivity

The course will present data from clinical scientific studies and from own clinical case reports on antimicrobial periodontal therapy. In a clinical demonstration, the course participants will experience, in their own mouth, an instantaneous benefit of effective antimicrobial therapy.

Course Director
Dr. Jorgen Slots

Faculty
Dr. Jorgen Slots

Tuition
Before January 1, 2017:
Dentist $295; Auxiliary $250

After January 1, 2017:
Dentist $365; Auxiliary $310
The USC 42nd Annual International Periodontal and Implant Symposium

General Session: Friday - Saturday, February 10 - 11, 2017
Dental Hygiene Forum: Saturday, February 11, 2017
Dental Hygiene Hands-On Workshop: Saturday, February 11, 2017
Hands-On Model Workshops: Friday - Saturday, February 10 - 11, 2017
Hands-On & Cadaver Workshops: Wednesday, February 8, 2017
Thursday, February 9, 2017, and Sunday, February 12, 2017

It is with a great deal of enthusiasm that I would like to invite you to attend the 42nd International USC Periodontal & Implant Symposium. The theme of this year’s symposium will be: “Risks & Rewards”. The concept is that risk assessment is an essential component of selecting an appropriate therapy for patients and predicting the outcome of the desired therapy. A variety of risk assessment tools are available to assess individual patient’s risks (eg. Periodontitis, peri-implantitis, prosthetic success, etc), as well as their outcome following therapy (surgical wound healing, disease relapse, prosthetic survival, etc). In order to manage patient risks, a variety of diagnostic and therapeutic techniques and technologies have been developed. These developments are some of the most exciting and important advancements of clinical dentistry. A panel of internationally renowned experts will present the most important challenges that face clinicians every day as well as provide risk assessment tools to help clinicians select the appropriate diagnostic and therapeutic strategies. The program boasts five days with a diverse range of educational opportunities. The two-days of general sessions will include lecture presentation and case presentations, as well as expert panel discussion. In addition, there are a variety of surgical and prosthetic hands-on workshops on models, animal jaws, as well as 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 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.

We hope to see you all in Los Angeles in February 2017.

Symposium Chair
Dr. Homayoun Zadeh

Speakers
Hamoud Al Farsi, Neema Bakhshalian, Monish Bhola, Ernest Cholakis, Jan D’Haese, Hugo De Bruyn, Nobu Kitahara, Niklaus Lang (Keynote Speaker), Pascal Magne, Seiko Min, Craig Misch, Rodrigo Neiva, Michael Pikos, Andrea Ricci, Mario Roccuzzo, Paul Rosen, Mariano Sanz, Tomaso Vercellotti, Susan Wingrove, and Homa Zadeh

At Millennium Biltmore Hotel:

General Session
(February 10 - 11, 2017):
Before December 1, 2016: Dentist $545, Auxiliary $465
By January 5, 2017: Dentist $625, Auxiliary $530
After January 5, 2017: Dentist $695, Auxiliary $590

Dental Hygiene Forum
(February 11, 2017):
Before December 1, 2016: Dentist & Auxiliary $155
By January 5, 2017: Dentist & Auxiliary $175
After January 5, 2017: Dentist & Auxiliary $195

Hands-On Dental Hygiene Workshop
• Susan Wingrove, RDH, BS
(February 11, 2017, 3:30 - 5:30 pm): Before/After Dec 1, 2016: $105/$125

Hands-On Model Workshops
(February 10, 2017, 4 - 6 pm):
• Rodrigo Neiva
• Neema Bakhshalian
• Ernest Cholakis
(February 11, 2017, 4 - 6 pm):
• Hugo De Bruyn

Before/After Dec 1, 2016: $495/$565 per workshop

Cadaver Workshops at USC:
• Homa Zadeh (Feb 8, 2017) - Modular bone augmentation (MBA) in posterior mandible
• Mario Roccuzzo (Feb 9, 2017) - Practical techniques for peri-implant soft tissue augmentation
• Tomaso Vercellotti (Feb 12, 2017) - Novel techniques for sinus augmentation
• Alfonso Gil & Seiko Min (Feb 12, 2017) - Periodontal plastic surgery
Before/After Dec 1, 2016: $1,895/$1,995 per cadaver workshop
Mastering Molar Endodontics
Herman Ostrow School of Dentistry of USC
Friday - Saturday, February 24 - 25, 2017
9:00am - 5:00pm
Limited Attendance
14 Hours of Continuing Education
Lecture • Hands-On

Molar endodontics often present challenges to the clinician. These may include difficulty in isolation and access, negotiation of curved and narrow root canals, calcified canals, difficulty in canal obturation, and managing anatomical variations. However, many advances in technology, materials, and equipment have made it possible today to efficiently perform successful molar endodontic treatment with more precision and predictable results.

This two-day intensive course includes lectures and hands-on workshops and is specially designed for General Dentists who wish to advance their clinical skills when performing molar endodontics. Participants will learn how to perform efficient endodontic access, clean and shape the root canal system, and finally obturate in a predictable manner. Participants will also perform endodontic treatment from start to finish in real maxillary and mandibular molar teeth. Without a doubt, this course will help you master molar endodontics.

Topics to be covered:
• Endodontic anatomy and morphology of molar teeth
• Modern principles of endodontic access
• Root canal length determination – radiographic and electronic
• Cleaning and shaping of molar root canals
• Nickel Titanium rotary instrumentation
• Procedural errors and their prevention
• Root canal obturation
• Case selection for molar endodontics

Upon completion of this course participants should:
• Enhance their knowledge of the clinical concepts of molar endodontics
• Successfully treat both upper and lower molar teeth
• Apply system-based approaches for treating molar endodontic cases
• Approach molar endodontic cases with more confidence and enjoy more predictable results
• Know when and what to refer

Course Director
Dr. Ilan Rotstein

Faculty
Dr. Ilan Rotstein, Dr. Thomas Levy, Dr. Rafael Roges, Dr. Yaara Berdan, Dr. Daniel Schechter, Dr. Louis Schwarzbach, Dr. Jaydeep Talim, Dr. Anthony Tran

Tuition
Before February 1, 2017: $1,495
After February 1, 2017: $1,595
Emerging Diseases, Infection Control and California Dental Practice Act

Herman Ostrow School of Dentistry of USC
Saturday, February 25, 2017
9:00am - 4:00pm
6 Hours of Continuing Education
In-Person Lecture

Sunday, February 26, 2017
1:00pm - 5:00pm
4 Hours of Continuing Education
Webinar

New diseases, as well as the return of some once thought eradicated diseases, are a major concern in the modern dental practice. It seems as if every few months a new disease is developing. The signs and symptoms of many emerging diseases such as Methicillin-resistant Staphylococcus aureus (MRSA), variant Creutzfeldt-Jakob (Mad Cow Disease), The Middle East respiratory syndrome coronavirus (MERS), Avian flu and the West Nile Virus will be described and effective preventive measures will be discussed. The course will also cover topics such as general disease transmission, universal and standard precautions, disinfection and sterilization as well as proper waste management.

The course reviews Cal-OSHA’s top 20 dental office violations, discuss the CDC guidelines as well as the current mandated minimum standards for infection control in the dental setting from the Dental Board of California regulations. Participants will be provided with an easy-to-apply checklist for reviewing their office’s compliance with infection control and safety policies and guidelines.

The section on the California Dental Practice Act will present the recent changes in the laws that impact the practice of dentistry. It will cover the topics necessary for renewal of your license, including your duties as a mandated reporter of child, elder and domestic partner abuse; violations of the Dental Practice Act; and powers of enforcement held by the Dental Board. Upon completion of this course participants should:

• Know the principles of disease transmission and Universal/Standard precautions
• Understand Cal-OSHA compliance issues, sterilization and disinfection
• Become familiar with the updated CDC infection control guidelines
• Understand the infection control practices mandated by the Dental Board of California
• Know the recent changes in the Dental Practice Act and the basic rules for avoiding problems that could place your dental license in jeopardy
• Know how to use dental auxiliaries effectively within current California law
• Provide a safer environment for patients and the dental team

* This class satisfies the California Infection Control and California Dental Practice Act license renewal requirements for dentists, dental hygienists, and currently licensed registered dental assistants.

Webinar on Sunday, February 26, 2017 will cover 2 hours of Emerging Diseases and 2 hours of Infection Control.

Webinar System Requirements:

On a PC: Internet Explorer 7.0 or newer, Mozilla Firefox 4.0 or newer or Google Chrome 5.0 or newer (JavaScript enabled); Windows 8, 7, Vista, XP or 2003 Server; Cable modem, DSL or better Internet connection; Dual-core 2.4GHz CPU or faster with 2GB of RAM (recommended); Participants wishing to connect to audio using VoIP will need a fast Internet connection, a microphone and speakers. (A USB headset is recommended.)

On a Mac: Safari 3.0 or newer, Firefox 4.0 or newer or Google Chrome 5.0 or newer (JavaScript enabled); Mac OS X 10.6 – Snow Leopard or newer; Intel processor (1GB of RAM or better recommended); Cable modem, DSL, or better Internet connection; Participants wishing to connect to audio using VoIP will need a fast Internet connection, a microphone and speakers. (A USB headset is recommended.)

Tuition

Before February 1, 2017:
Dentist $195, Auxiliary $165
Webinar: Dentist $145, Auxiliary $115

After February 1, 2017:
Dentist $275, Auxiliary $235
Webinar: Dentist $165, Auxiliary $135

On-site registration:
Dentist $295, Auxiliary $250

NEW!

On an iPad, iPhone or Android device:
Free GoToMeeting app from the App Store or Google Play; WiFi connection recommended to use VoIP

Course Director
Dr. Joyce Galligan

Faculty
Dr. Joyce Galligan, Patricia Galligan, JD
Implant CPR!
Successful Management of Prosthetic Implant Complications
Herman Ostrow School of Dentistry of USC
Module I: Friday, March 3, 2017
Module II: Saturday, March 4, 2017
9:00am - 5:00pm
7 Hours of Continuing Education Per Day
Lecture • Hands-On

The introduction of dental implants has revolutionized dentistry, offering patients treatment that has not been possible before. Every treatment modality may encounter complications and implant dentistry is not different in this regard. It is therefore essential to be prepared for these complications and be able to manage them successfully once they occur. While there is no substitute for clinical experience, exposure to a variety of complication scenarios along with their appropriate remedies and preventative measures will render the clinician prepared when these inevitably occur. This lecture and hands-on course will review a variety of complications, offer a thorough analysis and demonstrate their successful management. In addition, participants will also learn how to prevent these complications from occurring.

Module I: Lecture includes
• Loose implant restorations: differential diagnosis & treatment
• Damaged and fractured screws, abutments and implants
• Identification of implants
• Management of existing implants of unknown origin
• Esthetic, phonetic and functional complications
• Complications during impressions and laboratory procedures
• Implants and orthodontics conflicts
• Miscommunication between patient, laboratory and dentist
• Protocols to resolve implant complications
• Financial considerations of complications

Module II: Hands-On Workshop (Limited attendance)
Implant Dentistry Emergencies

During this unique workshop, participants will use simulation models and encounter different complication scenarios. Participants will learn to address these complications successfully and will gain experience in situations such as repeated screw loosening, retrieving fractured screws and managing damaged implants, among other scenarios.

Course Director and Speaker
Dr. Harel Simon

Faculty
Dr. Harel Simon, Dr. Joseph Field, Take Katayama, CDT

Tuition
Module I - Lecture
(Friday, March 3, 2017)
Before February 1, 2017:
Dentist $295; Auxiliary $250
After February 1, 2017:
Dentist $375; Auxiliary $320

Module II - Hands-On
(Saturday, March 4, 2017)
Before February 1, 2017:
Dentist $1,465; Auxiliary $1,245
After February 1, 2017:
Dentist $1,545; Auxiliary $1,315

Complete Course
(Module I & II - Lecture and Hands-On)
Before February 1, 2017:
Dentist $1,595; Auxiliary $1,355
After February 1, 2017:
Dentist $1,695; Auxiliary $1,440
Implant Therapy in the Esthetic Zone
Herman Ostrow School of Dentistry of USC
Friday, March 10, 2017, 8:00am - 5:00pm
Saturday, March 11, 2017, 8:00am - 4:00pm
Sunday, March 12, 2017, 8:00am - 1:00pm
20 Hours of Continuing Education
Lecture • Hands-On

The anterior maxilla is often referred to as the “esthetic zone.” Tooth replacement in the esthetic zone presents unique challenges for the clinician. Yet, achievement of optimal esthetics in this area can be most rewarding. The prerequisites for achieving a successful esthetic outcome in this region includes: 1) knowledge of the biology of the implant-prosthesis-tissue interface and their post-treatment alterations; 2) careful preoperative treatment planning; 3) augmentation of hard and soft tissues when deficiencies exist; and 4) attention to details in the execution of surgical and prosthetic techniques. This course will review the biological fundamentals, as well as the clinical, surgical and restorative techniques involved.

The course is recommended for:
• Surgical specialists and restorative dentists who would like to acquire a more in-depth and comprehensive understanding, as well as practical skills to achieve predictable treatment outcome in the esthetic zone
* This course is suitable for clinicians with intermediate or advanced experience in implant dentistry.

Topics to be covered:
• Biology of implant-prosthesis-tissue interface
• Factors affecting the stability of the peri-implant tissues
• Treatment planning and case selection:
  - Surgical considerations
  - Prosthetic considerations
• Diagnostic tools: CT imaging, surgical guide
• Computer-assisted implant positioning
• The applications of the microscope in implant surgery
• Influence of implant component design on esthetic outcome
• Selection and sequencing of implant site-development techniques
• Orthodontic therapy for site development
• Vestibular Incision Subperiosteal Tunnel Access (VISTA) for soft tissue augmentation
• VISTA for ridge augmentation in the esthetic zone
• Papilla preservation and regeneration around implants
• Minimally invasive tooth extraction
• Ridge preservation and augmentation
• Immediate vs. staged implant placement
• Minimally invasive implant placement
• Immediate vs. delayed implant loading
• Implant impression techniques
• Abutment selection
• Provisional placement: immediate vs. staged
• Laboratory techniques and procedures

Hands-on workshop + Live surgery demonstration:
• Minimally invasive tooth extraction
• Socket preservation techniques
• Implant placement into extraction socket
• VISTA for soft tissue augmentation
• Abutment selection
• Provisional fabrication

Course Director
Dr. Homayoun Zadeh

Speakers
Dr. Ramin Mahallati, Dr. Seiko Min, Dr. Homayoun Zadeh

Tuition
Before February 10, 2017:
Dentist $1,995, Auxiliary $1,695
After February 10, 2017:
Dentist $2,195, Auxiliary $1,865
USC Ruth Ragland 31st Dental Hygiene Symposium
Radisson Midtown at USC.
3540 S. Figueroa St. Los Angeles, CA 90007
Saturday, March 11, 2017
9:00am - 5:00pm
7 Hours of Continuing Education

The Ruth Ragland Symposium is designed to present cutting edge information on periodontal nonsurgical therapies, clinical techniques, anesthesia, preventive strategies for dental caries and methods for the effective delivery of oral health care.

LOCAL ANESTHETICS – Dentistry's Most Important Drugs
Local anesthesia forms the backbone of pain control techniques in contemporary dental practice. The subject of pain control in dentistry has undergone a recent renewal of interest, a renaissance. In this program Doctor Malamed will present an in-depth discussion of the many aspects of this important area of daily dental practice.

An important area of research has been the development of new drugs, both local anesthetics, such as articaine, as well as drugs to reverse soft tissue anesthesia – phentolamine mesylate, buffered lidocaine – producing a more rapid onset, more comfortable injection and more profound anesthesia, and the nasal local anesthetic mist – Kovanaze, providing needle-less anesthesia to maxillary non-molar teeth. These and other areas of current research into improving pain control will be discussed.

Is the “Mandibular Block” Passé?
Local anesthesia forms the backbone of pain control techniques in contemporary dental practice. The subject of pain control in dentistry has undergone a recent renewal of interest, a renaissance. In this program Doctor Malamed will present an in-depth discussion of the problem in achieving MANDIBULAR ANESTHESIA.

The traditional ‘mandibular nerve block’ has one of the lowest success rates of major nerve blocks administered in the human body. Newer techniques, such as the Gow-Gates mandibular nerve block; Akinosi-Vazirani closed mouth mandibular nerve block; periodontal ligament injection (PDL) and intraseptal techniques have been developed in an effort to improve success in this area. The local anesthetic articaine HCl has been demonstrated to have significant success when administered by mandibular infiltration in adults, while more recently the ability to buffer local anesthetic solutions has demonstrated potential to both increase the rate of onset of anesthesia as well as increasing its depth. These techniques will be reviewed in this program.

Course Director
Diane Melrose, RDH, BS, MA
Speaker
Stanley F. Malamed, DDS

Tuition
Before March 1, 2017:
Dental Hygienist or Dentist: $215
After March 1, 2017:
Dental Hygienist or Dentist: $265
Award

Congratulations to our
2015 - 2016 CE Life Long Learning Award Recipients

CE Life-Long Learner
2015 - 2016

Dr. Behnaz Nonahal (CA)
Dr. Oliver Bao Vu (CA)
Dr. Jong Gill Ahn (CA)
Interventions for TMD, Myofascial Pain and Headaches
Lecture: Friday, March 24, 2017
Demonstration Workshop: Saturday, March 25, 2017
9:00am - 5:00pm
Herman Ostrow School of Dentistry of USC
7 Hours of Continuing Education Per Day
Lecture • Workshop • Live Webinar

DAY I - LECTURE ONLY: Intervention for TMD: Physical Therapy, Injections and Splints
This course reviews the appropriate pharmacologic, behavioral, splint therapy and physical medicine management procedures for TMD. For example, myofascial pain-based exercises include stretching, mobilization and manipulation methods. Muscle injections (e.g. triggerpoint anesthetic and botox injections) and joint injections (e.g. sodium hyaluronate, arthrocentesis and corticosteroids) will be discussed. The commonly used occlusal orthotic devices will also be discussed and the common recommended prescriptions for pain and spasm management will be reviewed.

Topics to be covered:
• Pharmacology for TMD.
• The use of Biofeedback for TMD.
• Splints, types and indications.
• Myofascial pain protocol: exercises, stretching.
• TMJ mobilization methods.
• Muscle and joint injections.

Upon completion of this course participants should:
• Select medications for TMD.
• Understand the role of the behavioral therapy for TMD.
• Select a splint accordingly with a case requirement.
• Describe the MFP protocol.
• Be familiar with the TMJ mobilization methods.
• Know the different injection protocols for TMD and muscle disorders.

DAY II - DEMO WORKSHOP: Interventions for Myofascial Pain and Headaches
This workshop gives the participants the opportunity to learn how to perform a physical examination on patients with TMD. The goal of the workshop is to review how to take a history, perform an examination and come up with a tentative diagnosis and effective treatment plan. Also, the participants will practice therapeutic approaches to TMD including Trigger point identification, Stretching, and TMJ mobilization. The injection techniques will be performed in anatomical models.

Topics to be covered:
• Medical History.
• Trigger Point Mapping.
• Muscle Stretching.
• Spray and Stretch technique.
• Trigger points.
• Botox Injections.
• Splint selection and delivery.
• Physical Therapy for TMD.

Upon completion of this course participants should:
• Understand the process of establishing a TMJ diagnosis using a standardized TMJ examination.
• Know the options for occlusal splint therapy.
• Understand the various modalities of physical therapy used for TMD.
• Understand the management of chronic myofascial pain using fluoromethane and trigger point therapy.
• Know when to perform intramuscular and intra-articular injections.

Course Director
Dr. Glenn Clark

Faculty
Dr. Glenn Clark, Dr. Mariela Padilla, Dr. Jack Broussard, Dr. Saravanan Ram, Dr. Rick Borquez, and Dr. Sal Manriquez

Webinar System Requirements:
On a PC: Internet Explorer 7.0 or newer, Mozilla Firefox 4.0 or newer or Google Chrome 5.0 or newer (JavaScript enabled); Windows 8, 7, Vista, XP or 2003 Server; Cable modem, DSL or better Internet connection; Dual-core 2.4GHz CPU or faster with 2GB of RAM (recommended); Participants wishing to connect to audio using VoIP will need a fast Internet connection, a microphone and speakers. (A USB headset is recommended.)

On a Mac: Safari 3.0 or newer, Firefox 4.0 or newer or Google Chrome 5.0 or newer (JavaScript enabled); Mac OS X 10.6 – Snow Leopard or newer; Intel processor (1GB of RAM or better recommended); Cable modem, DSL, or better Internet connection; Participants wishing to connect to audio using VoIP will need a fast Internet connection, a microphone and speakers. (A USB headset is recommended.)

On an iPad, iPhone or Android device: Free GoToMeeting app from the App Store or Google Play; WiFi connection recommended to use VoIP

Tuition
Before March 1, 2017:
Dentist $495, Auxiliary $425
Webinar: Dentist $420, Auxiliary $360

After March 1, 2017:
Dentist $575, Auxiliary $495
Webinar: Dentist $490, Auxiliary $420
The Secrets of Guided Bone Regeneration in Implant Dentistry: Hands-On Workshop
Herman Ostrow School of Dentistry of USC
Saturday, March 25, 2017
9:00am - 5:00pm
7 Hours of Continuing Education
Lecture • Hands-On

This bone graft course will feature a combined one-day scientific lecture and hands-on workshop. The course will focus primarily on the principles of guided bone regeneration in implant dentistry and on the most up-to-date techniques in bone grafting to improve long-term clinical success with dental implants. This course is designed for the clinician that has prior implant experience and would like to broaden his/her knowledge and scope of practice and improve surgical skill.

Upon completion of this course participants should know:
• The biologic basis of bone regeneration
• The criteria for patient selection
• Step-by-step surgical procedure
• Properties of barrier membranes
• Selection of biomaterials
• Biologic modifiers and their relationship to bone regeneration
• Flap design for optimal esthetic and predictability
• Guided bone regeneration in various post-extraction defects
• Guided bone regeneration for simultaneous implant placement
• Guided bone regeneration for vertical ridge augmentation
• The proper use of screws in the “screw tent-pole grafting” technique
• All aspects of the post-operative management
• Recognition and management complications associated with guided bone regeneration

Course Director
Dr. Bach Le

Faculty
Dr. Bach Le

Tuition
Before Feb 15, 2017:
Dentist $995; Auxiliary $895
After Feb 15, 2017:
Dentist $1,195; Auxiliary $1,095
Intermediate Dental Implant Restorative Principles, Procedures and Protocols

In this course, participants will gain confidence and proficiency in restoring any type of implant connection. Both internal and external connections will be discussed, and advantages and disadvantages of the various types of connections will be analyzed. Participants will also learn when certain connections are indicated or preferred and how to participate in the decision making process with the oral surgeon or periodontist. The management of implants from single unit to multiple units in the partially edentulous arch will be discussed. On day one, lectures will address all of the above topics. On day two, in addition to lectures and demonstrations by the instructor, participants will have the opportunity to participate in a hands-on workshop including impression-making techniques, fabricating custom impression copings, fabricating provisional restorations for different types of implant connections, and provisional restorations for multiple implants.

DAY I - LECTURE ONLY:
Diagnosis and treatment planning
• Different types of implant abutment connections
  - External -hex
  - Internal - hex, trilobe, conical, conical with hex, and others
• Advantages and disadvantages
• Indications and contraindications for use
• Different brands and their connection types
• Multiple missing teeth
• Number of implants required to replace multiple missing teeth

Implant prosthetics
• Cement vs screw retained restorations
• Abutment selection
  - Prefabricated stock abutments
  - Custom computer designed abutments
  - Engaging vs non-engaging
  - Material selection, strength, indication
  - Splint or individual
  - Splinting at implant level
  - Splinting at abutment level
  - Splinting at the restoration level
• Abutment screws – different head-recess size/designs
• Provisionalization
• Impression techniques
• Biomechanics and occlusion
• Surgical guides

DAY II - LECTURE AND HANDS-ON:
Demonstrations: Instructor will demonstrate
• Fabrication of single unit provisional restoration using different implant connections
• Fabrication of multiple unit provisional restoration

Hands-On: Participants will have the opportunity to
• Learn proper use of a torque driver
• Make implant level impressions for different types of connections
• Make accurate multiple unit impressions
• Attach abutments to implants
• Fabricate single unit provisional restoration using different connections
• Fabricate multiple unit provisional restoration

Who will benefit from attending this course:
• Dentists with limited implant knowledge
• Practitioners with previous clinical implant experience
• Allied health professionals

* Part I (January 27 – 28, 2017 - Page 4) and Part III (June 16 – 17, 2017 - Page 28) course information can be found on individual course page.

Course Director
Dr. Baldwin Marchack

Speaker
Dr. Baldwin Marchack

Tuition
Before March 1, 2017:
Lecture Only: $345
Lecture & Hands-On: $1,295

After March 1, 2017:
Lecture Only: $395
Lecture & Hands-On: $1,395
Common Oral Lesions: Soft and Hard Tissue Diseases
Herman Ostrow School of Dentistry of USC
Friday, March 31, 2017
9:00am - 5:00pm
7 Hours of Continuing Education
Lecture • Live Webinar

This comprehensive course is intended to give clinicians a practical and logical approach to recognizing, diagnosing and treating various oral and maxillofacial diseases. Predominantly a case-based approach by expert faculty, this course would be particularly useful for general dentists, dental specialists, dental hygienists or assistants, in addition to medical health care professionals involved in the clinical care of patients with head and neck considerations. This course is a great opportunity to brush up your diagnostic skills, gain insight into modern management techniques and principles, or acquire new areas of expertise that can be applied to your clinical practice. This course will address possible legal ramifications from failing to diagnose pathology, such as cancer.

The course reviews principles of both soft and hard tissue lesion identification and management, and covers common odontogenic infections, cysts and tumors, in addition to non-odontogenic conditions such as mucosal and submucosal pathology, skin lesions of the face, salivary gland diseases, and diseases affecting the jaw bones and temporomandibular joint (TMJ). Cases will be drawn from expert faculty and include clinical images and conventional and advanced imaging studies, such as computerized tomography and TMJ tomography. Concepts of clinical and radiographic recognition of benign versus malignant tumors will be addressed. Faculty will also discuss diagnostic principles and techniques as well as their potential applications.

Topics to be covered:
- Identification and differential diagnosis of various odontogenic infections, cysts and tumors both clinically and through conventional and advanced CT imaging studies
- Recognition of non-odontogenic lesions, and their differentiation from odontogenic lesions both clinically and through radiographic studies. This includes benign and malignant neoplasms of bone and other hard tissues of the craniofacial region
- Identification of salivary gland pathology, diagnostic workup of the major and minor salivary glands, and interpretation of test results from salivary gland analysis
- Diagnosis and treatment of facial muscle and TMJ disorders, atypical odontalgia, phantom tooth pain, attrition, erosion, and abrasion
- Evaluation of the facial skin for dermatoglyphics and skin lesions during a head and neck examination, and an introduction to common skin lesions, particularly cancers affecting the skin of the face

Upon completion of this course participants should:
- Know how to identify and diagnose oral soft tissue and hard tissue diseases
- Be familiar with principles of differential diagnosis and techniques for definitive diagnosis
- Be able to apply adjunct diagnostic methods for lesion evaluation
- Know how to diagnose pathology affecting the craniofacial and jaw bones
- Understand the role of conventional and advanced imaging studies in hard tissue pathology
- Know how to make radiographic evaluation and interpretation of osseous lesions
- Be able to identify odontogenic infections, cysts and tumors in the jaws
- Know how to differentiate between odontogenic and non-odontogenic lesions
- Recognize the primary and metastatic cancers affecting the craniofacial and jaw bones

Webinar System Requirements:
On a PC: Internet Explorer 7.0 or newer, Mozilla Firefox 4.0 or newer or Google Chrome 5.0 or newer (JavaScript enabled); Windows 8, 7, Vista, XP or 2003 Server; Cable modem, DSL or better Internet connection; Dual-core 2.4GHz CPU or faster with 2GB of RAM (recommended); Participants wishing to connect to audio using VoIP will need a fast Internet connection, a microphone and speakers. (A USB headset is recommended.)
On a Mac: Safari 3.0 or newer, Firefox 4.0 or newer or Google Chrome 5.0 or newer (JavaScript enabled); Mac OS X 10.6 – Snow Leopard or newer; Intel processor (1GB of RAM or better recommended); Cable modem, DSL, or better Internet connection; Participants wishing to connect to audio using VoIP will need a fast Internet connection, a microphone and speakers. (A USB headset is recommended.)

Course Director
Dr. Parish Sedghizadeh

Faculty
Dr. Parish Sedghizadeh

Tuition
Before March 1, 2017:
Dentist $295, Auxiliary $235
Webinar: Dentist $220, Auxiliary $160
After March 1, 2017:
Dentist $345, Auxiliary $270
Webinar: Dentist $290, Auxiliary $220
Learning Implant Dentistry for the Restorative Dentist: Part II
Herman Ostrow School of Dentistry of USC
Saturday, April 1, 2017
9:00am - 5:00pm
7 Hours of Continuing Education

Part II of this course is designed for the dentist who have some experience with implant dentistry and would like to improve their knowledge and skill with implant treatment planning, soft tissue manipulation, and final implant restorations. Discussion of single and multiple unit restorations will be discussed along with treatment planning implants and natural teeth for optimum results. The advantages and disadvantages of Implant impression techniques will be discussed so that the practitioner can become confident with any impression technique. Discussions of cement retained vs. screw retained implant restorations will be presented and recommendations will be presented for various situations.

Part I attendance is highly recommended prior to attending Part II.

Topics to be covered:
• Treatment Planning for single and multiple unit implant restorations
• Cost benefit analysis of teeth vs implant restorations
• CT Scans- planning for restorative driven implant placement
• Radiographic/Surgical Guides- what to look for when evaluating guides
• Implant components- for restorative dentistry
• How to form the gingival tissues around the Implant restoration
• Screw retained implant provisional restorations
• Advantages and disadvantages of cement vs screw retained implant restorations

Upon completion of this course participants should be able to:
• Plan treatment for single and multiple unit implant restorations
• Manage and manipulate soft tissue esthetics around implant restorations
• Understand the cost benefit analysis between natural teeth and implants
• Know various implant impressions techniques, stock and custom
• Understanding submucosal implant form
• Understand the financial implications of implants vs conventional dentistry
• Know how to perform treatment sequencing of implants and natural teeth

Course Director
Dr. George Cho

Faculty
Dr. George Cho

Tuition
Before March 1, 2017:
Dentist $275, Auxiliary $215

After March 1, 2017:
Dentist $345, Auxiliary $295

* This course is designed for those that wish to have improved comprehension of implant treatment for their patients. Part I (January 21, 2017) course information can be found on page 2.
Periodontal and Implant Decision Making: From Treating the Ailing Tooth to the Failing Implant
Herman Ostrow School of Dentistry of USC
Friday, April 7, 2017
9:00am - 5:00pm
7 Hours of Continuing Education

Understanding implant treatment planning requires both restorative and surgical perspectives. Further complicating implant dentistry are the challenges in treating the ailing implant. Surgically, implants are an obvious choice for edentulous areas, however challenges arise when replacement of questionable teeth with implants are contemplated. Periodontal literature provides insights when maintaining the dentition is possible. However, there are situations where the decision to replace teeth with implants is not very clear. The aim of the course is to explore the multiple facets of implant dentistry including the treatment of ailing implants in order to achieve a broad perspective that will be valuable to surgical and periodontal decision making.

Topics will include origins and science behind osseointegration, current trends in peri-implantitis therapy, a basic review of surgical procedures typically used for augmentation and implant site preparation, implant success and failure, an understanding of periodontal prognosis of teeth in relation to implant prognosis, and surgical treatment planning of implants. The goal is to combine a broad understanding of the current science behind implants and the treatment of their complications in order to develop a more concise treatment plan that helps navigate the difficult question of when to replace natural teeth with implants, or even when to replace ailing implants.

Topics to be covered:
- Emerging therapies for treating peri-implantitis
- Prevention of peri-implant disease
- Alternatives to titanium implants
- Periodontal diseases and their potential impact on implant prognosis
- Tooth prognosis versus implant prognosis
- Implants as foreign bodies
- Peri-implant disease
- Peri-implantitis in comparison to periodontitis lesions
- Prognostic evaluation of teeth in treatment planning for implants
- Prognosis of traditional therapy versus implant treatment

Upon completion of this course participants will know:
- Current concepts of peri-implantitis
- Emerging modalities for treatment of peri-implant disease
- Principals of osseointegration
- Principals of implant site preparation and augmentation
- Differences between treatment planning implants for sites with and without teeth
- How to assign a concise prognosis for involved teeth
- When to select teeth for strategic extraction
- Indications and contraindications for placing dental implants in periodontally compromised cases

Course Director
Dr. Alon Frydman

Faculty
Dr. Alon Frydman, Dr. Krikor Simonian

Tuition
Before March 1, 2017:
Dentist $275, Auxiliary $210
After March 1, 2017:
Dentist $315, Auxiliary $250
Restoring the edentulous patient with an esthetic reconstruction may present numerous challenges to the clinician. The patient’s occlusal vertical dimension, centric relation, esthetics and phonetics need to be determined and maintained throughout the restorative process. With the advent of dental implants, there are various treatment options available today to address the patient’s esthetic and functional needs.

This course will discuss diagnosis and treatment planning for fixed implant supported reconstruction. A variety of treatment options and prosthesis designs will be introduced and the treatment sequence will be reviewed in a step-by-step simplified approach to provide a predictable outcome with esthetic implant reconstruction.

Modules I & II lectures include:
• Diagnostic tools such as flangeless record base, wax-up, setup, intraoral mock-up and radiographic templates
• Esthetic pontic design: horizontally submerged and fused pontic designs
• Gingiva-colored ceramics design and technique
• Provisionalization: fixed or removable?
• Transitional implants to support provisional restorations
• The conversion prosthesis as a treatment philosophy
• Communication with the surgeon, laboratory and patient to obtain predictable results
• Laboratory techniques and procedures
• Surgical considerations

Module III: Hands-On Workshop (Limited attendance):
Conversion of Complete Dentures to Fixed Implant Restorations in One Clinical Visit
In this unique and exclusive course, participants will receive models of completely edentulous arches with implants and corresponding complete dentures. Each participant will convert a complete denture to a fixed implant supported provisional restoration. This technique is the core philosophy for a simplified approach for implant reconstruction. Mastering this technique simplifies the restorative sequence significantly and enhances the predictability of the treatment from an esthetic and functional point of view.

Upon completion, participants will receive these models for patient education and demonstration of full-mouth implant reconstruction.

Course Director and Speaker
Dr. Harel Simon

Faculty
Dr. Harel Simon, Dr. Joseph Field, Take Katayama, CDT

Tuition
Module I (Friday, April 21, 2017)
Before April 1, 2017: Dentist $295; Auxiliary $250
After April 1, 2017: Dentist $375; Auxiliary $320

Module II (Saturday, April 22, 2017)
Before April 1, 2017: Dentist $295; Auxiliary $250
After April 1, 2017: Dentist $375; Auxiliary $320

Module III (Sunday, April 23, 2017)
Before April 1, 2017: $1,875
After April 1, 2017: $1,995

Complete Course (Module I, II, & III)
Before April 1, 2017: Dentist $1,995; Auxiliary $1,695
After April 1, 2017: Dentist $2,245; Auxiliary $1,910

* This course can be taken alone or as a part of the Esthetic Full-Mouth Implant Reconstruction Program. To register for the full year program, please visit: www.USCestheticIMPLANT.org or call 213-821-2127 for details.
The Rewards and Challenges of Community-Based Oral Health Programs
Herman Ostrow School of Dentistry of USC
Friday, April 28, 2017
9:00am – 5:00pm
7 Hours of Continuing Education
Lecture • Live Webinar

This course discusses different models to provide oral health in a community-based setting, engaging the local leaders, families, teachers and medical care providers as part of a multidisciplinary team. The role of the different social actors is analyzed, and the strategies for sustainability are discussed. There are many models and each one has its own ins and outs, thus a discussion on successful experiences will help to identify appropriate ways to provide care, promote oral health, and at the same time, have a financially sustainable project. Communities will be presented.

Topics to be covered:
• To understand the ins and outs of various nursing home practice models.
• To discuss the ethical implications and processes of performing health fairs and dental screenings in schools and other institutions.
• To identify opportunities to engage with underserved communities, both for oral health promotion and intervention.
• Recognizing and understanding the appropriate steps to take when/if a community patient is a trauma victim.
• To discuss the main rewards and challenges of volunteering.

Webinar System Requirements:

On a PC: Internet Explorer 7.0 or newer, Mozilla Firefox 4.0 or newer or Google Chrome 5.0 or newer (JavaScript enabled); Windows 8, 7, Vista, XP or 2003 Server; Cable modem, DSL or better Internet connection; Dual-core 2.4GHz CPU or faster with 2GB of RAM (recommended); Participants wishing to connect to audio using VoIP will need a fast Internet connection, a microphone and speakers. (A USB headset is recommended.)

On a Mac: Safari 3.0 or newer, Firefox 4.0 or newer or Google Chrome 5.0 or newer (JavaScript enabled); Mac OS X 10.6 – Snow Leopard or newer; Intel processor (1GB of RAM or better recommended); Cable modem, DSL, or better Internet connection; Participants wishing to connect to audio using VoIP will need a fast Internet connection, a microphone and speakers. (A USB headset is recommended.)

On an iPad, iPhone or Android device: Free GoToMeeting app from the App Store or Google Play; WiFi connection recommended to use VoIP

Co-Course Directors
Dr. Mariela Padilla, Dr. Roseann Mulligan

Speakers
Dr. Roseann Mulligan, Dr. Mariela Padilla, Dulce Acosta, and Guest Speakers and Panelists of Experienced Community Health Practitioners (TBA)

Tuition
Before April 1, 2017:
Dentist $275, Auxiliary $235
Webinar: Dentist $220, Auxiliary $160

After April 1, 2017:
Dentist $295, Auxiliary $250
Webinar: Dentist $290, Auxiliary $220
A variety of clinical scenarios may present themselves, requiring complex prosthetic restoration. A key to success is careful planning and simplification of therapy, based on sound principles. A wide array of restorative options are available today. Selection of the appropriate prosthesis requires consideration of the patient’s anatomy; quantity and quality of available hard and soft tissues; the need for augmentation surgery; esthetic requirements; occlusal scheme; and the patient’s desires. The objective of this course is to review the fundamentals for prosthetic restoration of implants in patients. An evidence-based approach will be used to provide treatment options with a high degree of predictability. Practical solutions to common prosthetic problems will be provided.

This course is recommended for:
• Restorative dentists and surgical specialists who would like to acquire a more in depth and comprehensive understanding necessary for management of patients requiring complex prosthetic restoration

* This course is suitable for clinicians with intermediate or advanced experience in implant dentistry

Topics to be covered:
• Selection and sequencing of implant site development techniques
  - Selection of graft material and membranes
  - Suture techniques
  - Simple harvesting of autogenous bone using rotary device
• Sinus augmentation rationale and technique
• Piezosurgery techniques
• Guided bone regeneration (GBR)
• Leukocyte Platelet Rich Fibrin (L-PRF)

Hands-on pig jaw workshop:
• Flap and tunnel access design
• Soft tissue augmentation around implants (VISTA)
• Ridge preservation and augmentation
• Piezosurgery techniques
• Guided bone regeneration (GBR)

Live surgery demonstration:
• Guided bone regeneration (GBR)
• Vestibular Incision Subperiosteal Tunnel Access (VISTA) for soft tissue augmentation

Course Director
Dr. Homayoun Zadeh

Speakers
Dr. Alexandre-Amir Aalam, Dr. Alfonso Gil, Dr. Homayoun Zadeh

Tuition
Before April 1, 2017:
Dentist $1,995, Auxiliary $1,695

After April 1, 2017:
Dentist $2,195, Auxiliary $1,865
The goal of esthetic reconstruction is to provide patients with naturally looking restorations and healthy surrounding soft tissues. Often, patients present with gingival deformities, such as tissue deficiency or excessive gingivae, thereby posing a challenge to the treating clinician. Other problems include subgingival caries and tooth fractures. These typically lead to difficulties in managing the restorative finish line and an inability to make proper impressions. In other situations, dentists face difficulties obtaining adequate crown retention and a ferrule effect, which can lead to secondary caries, repeated fractures and periodontal complications due to biologic width impingement. It has been shown that proper handling of the gingival tissues can make the difference between treatment success and failure. This course is designed to provide clinicians with the scientific background and surgical techniques to perform periodontal surgery for ultimate esthetics and function. It will address the methods to attain success from a soft tissue perspective.

**Module I - Lecture/Workshop**

**Essential surgical principles and suturing techniques**
- Principles of soft tissue esthetics and gingival harmony
- The challenges of tissue deficiency and excess
- Anatomical considerations for periodontal surgery
- Principles of flap design
- The essential principles of suturing
- Suturing safety and mechanics
- How to choose suture material and when to use it
- Needle types and their use
- The most useful suturing techniques
- Suturing for exodontia, bone grafting and implants
- How to deal with suture challenges and complications

**Hands-On Workshop**
- Simple interrupted
- Continuous interlocking
- Sling
- X-suture
- Vertical and horizontal mattress
- How to suture an edentulous arch
- Principles of tying a knot
- Finger maneuvering options

**Module II - Lecture/Workshop**

**Soft Tissue Grafting**
- Soft tissue grafting to correct gingival recession
- Coronally repositioned flaps for root coverage
- “Tunneling” and “Pouch” techniques
- Improving tissue quality
- Soft tissue management around implants
- Soft tissue allografts and enamel proteins for root coverage
- Management of soft tissue complications

**Hands-On Workshop**
- Epithelialized palatal graft
- Connective tissue graft
- Coronally advanced flap
- 1 incision harvest technique
- Donor site management

**Module III - Lecture/Workshop**

**Esthetic & Functional Crown Lengthening**
- Etiology for excessive gingival display
- Treatment options for the “Gummy Smile”
- Esthetic crown lengthening step-by-step
- Surgical lip repositioning
- Apically positioned flaps
- Tori and tuberosity reduction
- Frenectomy procedures
- Indications for crown lengthening
- The importance of biologic width
- Restorative considerations relevant to crown lengthening surgery
- Treatment of gingival hyperplasia
- Complications management
- When and what to refer

**Hands-On Workshop**
- Apically positioned flaps
- Functional crown lengthening
- Ostectomy and osteoplasty
- Surgical hand instrumentation
- Using rotary instruments
- Managing subgingival tooth fractures
- Quadrant crown lengthening

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**Course Director**
Dr. Ziv Simon

**Speaker**
Dr. Ziv Simon

**Tuition**
Before April 1, 2017: Dentist $2,520
After April 1, 2017: Dentist $2,800
Nowadays, patients are better informed and more demanding than ever, due to advances in material science, industry-driven marketing and advertising, media's influence in forming public opinion regarding esthetics, and information available on the internet.

A successful dental practice must have a thorough understanding of the available materials and treatment options in all areas of interest to its patients, otherwise the office risks the loss of market share in “want-based dentistry.”

The purpose of this clinical and newly designed course is to provide participants with creative solutions to enhance patient's esthetics through the use of minimally invasive dental products and procedures. All treatment options to enhance the patient’s smiles (except indirect procedures) will be reviewed in details.

In addition to extensive technique demonstration, a useful approach on how to incorporate these products and procedures into daily practice will be discussed.

Upon completion, participants should be able to:

- Know the advantages of at-home bleaching
- Offer options to manage most issues with bleaching sensitivity
- Perform safe and effective non-vital tooth whitening
- Understand the different bonding systems on the market, their advantages, disadvantages and indications
- Properly select cases that are ideal for direct composite veneering versus indirect porcelain veneers
- Fabricate silicone matrices to aid and simplify composite application
- Perform simple layering for beautiful optical effects that rival natural teeth
- Texturize and polish composite resin to mimic the natural tooth
- Perform composite repair and refurbishment
- Develop a fee structure to make direct restorations as profitable as indirect procedures

Course Director
Dr. Abdi Sameni

Speaker
Dr. Abdi Sameni

Tuition
Before April 15, 2017: Dentist $235; Auxiliary $195
After April 15, 2017: Dentist $295; Auxiliary $250
The success of dental implants depends on their placement in bone of adequate density and volume in order to achieve primary stability. However, usually there is at least some degree of atrophy in most implant sites due to postextraction remodeling or because of pathologic conditions. There has been a gradual shift in paradigm from merely achieving successful osseointegration to achieving final restorative outcomes that mimic natural dentition and the surrounding oral tissues. These objectives have been materialized by advancements in surgical techniques, as well as availability of biomaterials to enable predictable regeneration of oral hard and soft tissues. This course consists of two modules. The first module consists of two and half days of lecture, hands-on model workshop and live surgery. The second module is a half-day cadaver workshop.

**This course is suitable for clinicians with intermediate or advanced experience in implant dentistry**

**Topics to be covered:**
- Lateral and crestal sinus augmentation rationale and techniques
- Piezosurgery techniques
- Horizontal ridge augmentation
  - Autogenous bone harvesting: block and particulate
- Vertical ridge augmentation
- Guided bone regeneration (GBR)
- Leukocyte Platelet Rich Fibrin (L-PRF)
- Onlay block grafts: rationale and techniques

**Hands-on model and cadaver workshop:**
- Lateral window and crestal osteotomy sinus augmentation
- Donor graft harvesting from ramus and symphysis
- Recipient site preparation and block graft fixation
- Flap and tunnel access design
- Soft tissue augmentation around implants (VISTA)
- Ridge preservation and augmentation
- Piezosurgery techniques
- Guided bone regeneration (GBR)

**Live surgery demonstration:**
- Lateral window sinus augmentation
- Guided bone regeneration (GBR)
- VISTA for soft tissue augmentation

**Course Director**

Dr. Homayoun Zadeh

**Speakers**

Dr. Stephen Wallace, Dr. Neema Bakhshalian, Dr. Homayoun Zadeh

**Tuition**

**Before May 15, 2017:**
Dentist $2,995, Auxiliary $2,545

**After May 15, 2017:**
Dentist $3,295, Auxiliary $2,800
Complications of Implant Therapy
Herman Ostrow School of Dentistry of USC
Saturday - Sunday, June 10 - 11, 2017
8:00am - 5:00pm
16 Hours of Continuing Education
Lecture • Hands-On

The number of claims related to implant complications has increased significantly over the last few years. In addition, complications associated with implant surgery can have a devastating effect on the final outcome of treatment. This lecture course will focus on how to identify and avoid potential complications before they arise and how to manage many of the common complications that can occur with implant therapy. Emphasis will be given to medico-legal implications, patient risk assessment, classifications of complications, and proper treatment planning principles. At the end of this course, participants will have a better understanding of the prevention and management of complications related to implant therapy.

Upon completion of this course participants should know how to:
• Perform treatment plan effectively to minimize the incidence of future complications
• Assess pre-operative risk

• Manage the most common implant related complications
• Avoid and manage prosthetic complications
• Avoid esthetic complications
• Assess the role implant position plays in restorative complications
• Avoid and minimize risks associated with implant surgery
• Manage complications associated with bone graft procedures and sinus augmentation (graft infection and failure, sinusitis, oral-antral communication, and sinus fistula)
• Manage peri-implantitis
• Manage nerve injury associated with implant surgery
• Manage failed implants and remove implants with minimal bone trauma
• Assess medico-legal implications of treatment failures
• Discuss case settlement and outcomes

Faculty
Dr. Bach Le, Dr. Baldwin Marchack

Tuition
Before May 15, 2017:
Dentist: $1,675; Auxiliary: $1,595
After May 15, 2017:
Dentist: $1,725; Auxiliary: $1,665
In this course, participants will gain confidence and proficiency in restoring most full arch implant supported situations. Various fixed and removable options will be presented. Both internal and external connections will be discussed, as well as the use of non-engaging multi-unit abutments. On day one, lectures will address all of the above topics. On day two, in addition to lectures and demonstrations by the instructors, participants will have the opportunity to participate in a hands-on workshop including techniques for accurate full arch implant impressions, fabricating provisionals for fully edentulous arches, and learning how to assess the fit of full arch metal or zirconia bars and frameworks.

**DAY I - LECTURE ONLY:**
**Diagnosis and treatment planning**
- Treatment planning for the fully edentulous maxilla and mandible
- Fixed and removable options
- Number of implants required to support different options
- Surgical guides for ideal placement

**Implant prosthetics**
- Fixed and removable restorations
- Provisionalization
- Impression techniques
- Biomechanics and occlusion
- Material choices

**DAY II - LECTURE AND HANDS-ON:**
**Demonstrations: Instructor will demonstrate**
- Fabrication of a fixed provisional restoration by converting an existing full denture
- How to try in full arch frameworks made of titanium or zirconia

**Hands-On: Participants will have the opportunity to**
- Fabricate a surgical guide by duplicating an existing full denture
- Make an accurate full arch implant impression
- Fabricate a fixed provisional restoration by converting an existing full denture
- Assess full arch titanium and zirconia frameworks for passive fit

Who will benefit from attending this course:
- Practitioners with some clinical implant experience
- Practitioners with some experience in fabricating full dentures
- Allied health professionals

**Course Director**
Dr. Baldwin Marchack

**Faculty**
Dr. Baldwin Marchack, Dr. Christopher Marchack

**Tuition**
**Before May 15, 2017:**
Lecture Only: $395
Lecture & Hands-On: $1,295

**After May 15, 2017:**
Lecture Only: $445
Lecture & Hands-On: $1,395
Suturing Techniques: A Practical Hands-On Course on Soft Tissue Suturing
Herman Ostrow School of Dentistry of USC
Saturday, June 24, 2017
9:00am – 4:00pm
6 Hours of Continuing Education
Lecture • Hands-On

The surgical procedures are an integral part of every dental practice. Dentists perform procedures such as extractions, periodontal surgery and implant placement that often require suturing skills. However, some clinicians may experience challenges such as premature suture loosing, flap opening and tearing, bent needles, and inability to stabilize flaps.

Improper suturing can lead to complications and even treatment failures.

The goal of this practical course is to train dentists in predictable suturing techniques. Participants will learn about different types of suture material and needle configuration and indications for their use. Principles of correct suturing, including concepts of suture mechanics, will be reviewed to enable participants achieve stable knots and immobile flaps.

The hands-on portion of the course will include an “over the shoulder” instruction as doctors go through Dr. Simon’s unique teaching method. Participants will learn different suture and needle types and experience a systematic exercise of the most commonly used suturing techniques in dental practice.

Topics to be covered:
• Suturing safety
• Suture mechanics
• How to choose suture material and when to use it
• Needle types and their use
• Interrupted vs. continuous suturing
• Coronal vs. apical repositioning sutures
• The most useful suturing techniques
• Suturing for exodontia, bone grafting and implants
• Suturing for primary closure
• How to deal with suture challenges and complications

Hands-On Exercise
Doctors will practice all suture types reviewed in the lecture on dedicated models. This intensive suture exercise will allow participants to understand the important principles of suturing and be able to apply it when treating patients.

* This course is recommended for doctors at any level who are interested in improving their suturing skills. It will provide participants with practical information on how to suture properly and improve surgical treatment outcomes.

Course Director and Speaker
Dr. Ziv Simon

Tuition
Before June 1, 2017:
Dentist $745
After June 1, 2017:
Dentist $795
Advanced Clinical Dental Hygiene Techniques: Hands-On Workshop
Herman Ostrow School of Dentistry of USC
Part I - Lecture: Fri, July 7, 2017
Part II - Hands-On: Sat, July 8, 2017
Part III - Lecture & Hands-On: Sun, July 9, 2017
8:00am – 5:00pm
8 Hours of Continuing Education Per Day
Lecture • Hands-On

This three-day Advanced Dental Hygiene Clinical Techniques Workshop is a comprehensive hands-on update on the latest, cutting edge clinical techniques. Conceived and conducted by renowned members of the USC faculty, this unique series of courses will provide close individualized instruction in advanced hand instrumentation, advanced ultrasonic instrumentation, and periodontal endoscopy. An ideal in-depth experience for development of dental hygiene faculty members as well as private practitioners, this workshop will be the best post-graduate clinical continuing education experience for dental hygienists. It was designed for clinicians who want to keep abreast of the newest technologies, products and techniques. Whether you graduated last year or thirty years ago, do not miss this opportunity to greatly enhance your knowledge and become more current and confident with your clinical skills.

Part I: Advanced Periodontal Instrumentation - Lecture
In the past five years, significant developments in new high-tech devices, new hand instruments and ultrasonic tips have changed the way we practice. This presentation for dentists and dental hygienists provides detailed up-to-date information on new instruments and the latest techniques that will enhance your ability to recognize and treat patients with moderate to advanced periodontitis. Videos recorded with the dental endoscope will reveal the action of various ultrasonic tips and hand instruments on calculus.

Part II: Advanced Periodontal Instrumentation - Hands-On*
This practical laboratory course for dentists and dental hygienists is designed to enhance your periodontal instrumentation, enabling you to treat patients with greater skill and confidence. This intensive hands-on experience features continuous TV demonstration by Anna Pattison plus a team of experienced instructors attentive to individualized instruction.

Part III (AM): Ultrasonics - Lecture and Lab Workshop
This lecture and hands-on laboratory course for dentists and dental hygienists on ultrasonic equipment and techniques will allow you to use and evaluate several different magnetostrictive and piezoelectric ultrasonic units with hands on instruction.

Part III (PM): Perioscopy - Lecture and Lab Workshop
This lecture and hands-on laboratory course for dentists and dental hygienists on periodontal endoscopy (perioscopy) describes how the use of the dental endoscope can enhance your ability to perform periodontal instrumentation with a new understanding and a renewed vision for your profession.

Note: Participants are asked to bring safety glasses and gloves. It is advisable for attendees to not wear white clothing or open-toed shoes during the hands-on portions of the course. Typodonts, poles, and complete instrument kits will be provided for use only during the course.

Course Director
Diane Melrose, RDH, BS, MA

Faculty
Anna Pattison, RDH, MS,
Donna Smith, BSDH, MSEd,
Gayle Myers, RDH, BS

Tuition
Before June 1, 2017
Part I (July 7, 2017):
Dentist: $270; Auxiliary: $170
Part II (July 8, 2017):
Dentist: $450; Auxiliary: $350*
Part III (July 9, 2017):
Dentist: $300; Auxiliary: $200
Tuition for Complete Course (July 7 - 9, 2017):
Dentist: $775; Auxiliary: $675

After June 1, 2017
Part I (July 7, 2017):
Dentist: $295; Auxiliary: $195
Part II (July 8, 2017):
Dentist: $495; Auxiliary: $395*
Part III (July 9, 2017):
Dentist: $345; Auxiliary: $245
Tuition for Complete Course (July 7 - 9, 2017):
Dentist: $885; Auxiliary: $785

* Registrants for Part II must have attended Part I or another full-day Advanced Periodontal Instrumentation lecture course by Anna Pattison within the past three years as the Part II workshop teaches skills which build on concepts presented in the Part I (full-day) lecture course. (Documented proof of attendance required.)
Parenteral Moderate Sedation for Dentists

Herman Ostrow School of Dentistry of USC
Lectures and Workshops: Wednesday - Sunday, July 19 - 23, 2017
Clinical Sessions I: Thursday - Sunday, August 10 - 13, 2017
Clinical Sessions I: Friday - Sunday, August 18 - 20, 2017
8:00am - 5:00pm
96 Hours of Continuing Education
Lecture • Hands-On • Certification • Limited Enrollment • Live Patient Sedation • Emergency Simulation

The Herman Ostrow School of Dentistry is proud to offer to you this comprehensive parenteral moderate sedation course. The 2017 course expands its curriculum to include new drug regimens, advances in patient monitoring, and ACLS Certification. This intensive course consists of 12 days totalling 96 hours: 8 days of lectures and hands-on workshops, and 4 days of clinical patient interaction. Each clinical Saturday will be followed by 2 hours of debrief and classroom troubleshooting. The course meets (and exceeds) the educational requirements established by the ADA Guidelines and fulfills most state regulations for administration of IV moderate sedation to dental patients. Each didactic day begins with a pre-session knowledge assessment and concludes with a case-based group learning exercise. Participants will perform physical evaluation, take medical histories, outline an anesthetic plan, initiate and confirm intravenous access, administer and become competent in the titration of sedative medications, and perform dental procedures under close supervision of faculty who have had post-graduate training in dental anesthesiology. They will also receive over-the-shoulder demonstration of airway management in a live patient setting.

Topics to be covered:
- Factors affecting pain and anxiety control
- Patient evaluation, selection, and suitability for moderate sedation through medical history taking, physical diagnosis, and psychological consideration
- The continuum of sedation and anesthesia, with particular emphasis upon monitoring levels of sedation and the recognition of unintended deep sedation/general anesthesia
- Respiratory physiology, anatomy, and pathology
- Pharmacology of moderate sedation agents, adjunctive agents, and local anesthesia
- Drug interactions and contraindications
- Indications and contraindications for the use of moderate sedation in an office-based setting
- Review of possible dental procedures done with moderate sedation
- Principles of patient monitoring
- Intravenous access, complications, and other routes of parenteral administration
- Moderate sedation treatment planning
- Prevention, recognition, and management of systemic complications of moderate sedation
- Recognition of sedation emergencies, emergency airway management, and patient rescue techniques
- Record keeping and medico-legal aspects of dental moderate sedation
- Abuse and diversion
- Live patient ventilation and clinical exposure to rescuing a patient from unintended loss of consciousness
- How to recognize abuse potential, occupational hazards, and other untoward effects of the agents utilized for moderate sedation
- Technique of intravenous access, intramuscular injection and other parenteral techniques
- Pharmacology of the drugs selected for administration
- Precautions, indications, contraindications, and adverse reactions associated with the drugs selected.
- Complications associated with techniques of moderate sedation
- How to prepare a protocol for management of emergencies in the dental office, and demonstrate understanding in usage of emergency drugs and equipment required for the prevention and management of emergency situations.

Upon completion of this course participant will know:
- Advantages and disadvantages of moderate sedation
- Prevention, recognition, and management of complications associated with moderate sedation in an office-based setting
- Safe and effective administration of moderate sedation and selected drugs to patients in a clinical setting.
• Principles of advanced cardiac life support (ACLS)
• Principles and certification in AHA Advanced Cardiac Life Support (ACLS)
• How to manage an emergency situation

Required Documentation:
• Copy of your current CPR (BLS-HCP) certificate. (If yours has expired, please obtain a current card and submit the copy prior to the start of the course) Please note that ACLS certification (provided in the course) does not include BLS certification. BOTH certificates must be held for most licensing boards.
• Copies of your assistants’ current CPR certification (2 assistants required)
• Copy of your current Dental Licence and professional liability statement

Prior to the start of the clinical sessions, you MUST:
• Review two required textbooks

• Obtain a patient monitor for use during the course. Be advised that a patient anesthesia monitor must contain the following:
  - Pulse oximeter
  - Non-invasive blood pressure monitoring
  - Exhaled carbon dioxide monitoring (“end-tidal CO2”)

• Obtain a pre-tracheal stethoscope to aid in monitoring respiration and ventilation of your patient. Information and pricing for the monitor and stethoscope can be obtained at: www.sedationresources.com or other suppliers.

Course Directors
Dr. James Tom and Dr. Kenneth Lee

Faculty
Dr. Michael Alanes, Dr. Shirin Bankie, Dr. Michael Mashni, Dr. Shaheen Moezzi, Dr. Amanda Okundaye, Dr. Christine Quinn, Dr. Mary Satuito, Dr. Ryan Wu, and additional clinical faculty

Tuition
Before April 1, 2017: Dentist $12,250
After April 1, 2017: Dentist $13,000
$395 daily rate for lecture only participants

Enrollment in this clinical course is limited to ensure an abundance of moderate sedation experience with high standards in patient safety. Participants MUST arrange for 2 dental auxiliaries to assist and learn the anesthesia care team concept, and participants will be REQUIRED to provide operational moderate sedation vital signs monitors for use with this course. This intensive course in parenteral moderate sedation will also require participants to perform operate dentistry while simultaneously administering moderate sedation drugs with their anesthesia care team. Clinical days will extend late into each Sunday afternoon, and participants should not schedule for flights or other transportation that may limit time to complete clinical requirements.

Full course participants are required to bring 2 auxiliaries for the last 2 weekends.
Endodontics has gone through many exciting changes in the past several years. Recent advances in technology, materials and equipment have changed the way endodontics is practiced today. These advances have made it possible to efficiently perform successful endodontic treatment with improved precision, predictable results, and with much greater patient acceptance.

This comprehensive state-of-the-art course includes series of seminars and hands-on workshops specially designed for General Dentists who wish to advance their knowledge and clinical skills in the art and science of endodontics. A team of endodontic specialists from the Herman Ostrow School of Dentistry of USC will thoroughly discuss evidence-based clinical and biological concepts of modern endodontic therapy. These experts will walk you, from start to finish, through all the necessary steps and phases that will enable you to enhance the way you practice endodontics so you can provide the best standards of endodontic care to your patients.

During the 3-day hands-on part of this course you will have the opportunity to apply the principles discussed by the USC team of experts and practice in one of the most advanced facilities in California. You will perform endodontic treatment from start to finish in both single-rooted and multi-rooted teeth and will also practice endodontic retreatment.

Without doubt, this course will be a complete learning experience!

Topics to be covered:
- Diagnosis and case selection in endodontics
- Achieving effective anesthesia for endodontic treatment
- Preparation for endodontic treatment
- Current principles of endodontic access
- Canal length determination including electronic apex locators
- Nickel Titanium rotary instrumentation
- Canal irrigation and intracanal medication
- Procedural errors and their prevention
- Root canal obturation techniques
- Use of ultrasonics to facilitate treatment
- Endodontic retreatment
- Endodontic-periodontal interrelationship
- Endodontic emergencies
- Endodontic treatment in the young patient
- Endodontic considerations in elderly patients
- Achieving better success in endodontic cases

Upon completion of this course you will be able to:
- Approach your endodontic cases with confidence and enjoy more predictable results
- Know when and what to refer to a specialist

Course Director
Dr. Ilan Rotstein

Faculty
Dr. Ilan Rotstein, Dr. Thomas Levy, Dr. Rafael Roges, Dr. Yaara Berdan, Dr. Daniel Schechter, Dr. Louis Schwarzbach, Dr. Jaydeep Talim, Dr. Anthony Tran

Tuition
Before June 15, 2017: $2,975
After June 15, 2017: $3,145
Individual patient conditions may present challenges that are not readily addressed in a generic treatment approach. Some of these include patients who are about to lose their entire dentition but refuse to remain without fixed restorations throughout treatment. Other patients present with phonetic difficulties, lack of tongue space or poor adaptability to new prostheses. Additional challenges involve edentulous patients who present with pre-existing implants in severely compromised positions. These conditions require customization of the treatment plan to address specific patient needs. The appropriate treatment sequence for these challenging conditions will be presented with attention to details that are critical to a successful reconstruction with proper esthetics and function.

Modules I & II Lectures include:
• Diagnosis of advanced conditions
• Advanced treatment planning and sequencing
• Transitional implants to support fixed full-mouth restorations
• Advanced framework designs for esthetics and maintainability
• Restoration of implants with extreme angulations
• Management of patients with advanced bruxism and parafunction
• The Duplicate Backup Prosthesis concept and design
• Laboratory techniques and procedures
• Tools for supervising and coordinating laboratory work
• Management of complications
• Surgical considerations

Module III: Hands-On Workshop (Limited attendance)
Implant Verification Cast and Impression
In this unique simulation, participants will learn to meticulously create a full-arch impression coping assembly and a verification cast that accurately represent the patient’s condition. The verification cast is designed to be sent to the laboratory as a precise prescription for implant framework fit. The technician can use it to form an accurate framework and cut and solder predictably without the need to see the patient again; thus eliminating the need for intra-oral solder indices and multiple framework trials. This is the core technique to establish accurate CAD/CAM frameworks with predictable passive fit. It provides direct control over laboratory made frameworks, simplifies the treatment and enhances the predictability of implant reconstruction.

Course Director and Speaker
Dr. Harel Simon

Faculty
Dr. Harel Simon, Dr. Joseph Field, Take Katayama, CDT

Tuition
Module I (Friday, July 21, 2017)
Before June 15, 2017:
Dentist $295; Auxiliary $250
After June 15, 2017:
Dentist $375; Auxiliary $320

Module II (Saturday, July 22, 2017)
Before June 15, 2017:
Dentist $295; Auxiliary $250
After June 15, 2017:
Dentist $375; Auxiliary $320

Module III (Sunday, July 23, 2017)
Before June 15, 2017: $1,875
After June 15, 2017: $1,995

Complete Course (Module I, II, & III)
Before June 15, 2017:
Dentist $1,995; Auxiliary $1,695
After June 15, 2017:
Dentist $2,245; Auxiliary $1,910
The Immediate Implant - Atraumatic Extraction, Immediate Implant Placement, Chairside Provisional Restoration: A Lecture and Hands-On Workshop
5 Star Hotel in Las Vegas, Nevada: Saturday - Sunday, July 29 - 30, 2017
8:00am - 5:00pm
16 Hours of Continuing Education
Lecture • Hands-On

Lecture: Immediate implant placement and immediate provisionalization has gained popularity because it may reduce treatment time and the number of surgical interventions. A recent systematic review of the scientific evidence supports immediate implant placement as a safe procedure when certain guidelines are followed. This course will focus on all aspects of immediate implant placement and immediate provisionalization, including atraumatic extraction instrumentation and techniques, immediate implants in molar sites, management of extraction sites with labial wall defects, fabrication of an immediate chairside provisional and much more. Discussion will focus on some of the most commonly asked questions, such as which is the best graft material to use to graft the gap? What type of interim provisional restorations to use in order to minimize tissue loss? What decisions should be made regarding immediate implant placement versus delayed implant placement. This course is designed for the novice and advanced clinician and is the first in our series on implant site development and bone grafting.

Upon completion of this course participants should:

• Know principles of proper implant positioning
• Perform minimally invasive tooth removal techniques and instrumentation
  - Remove broken and difficult teeth with minimal flap
• Know the pros and cons of immediate versus delayed implant placement
• Describe the difference in bone response between immediate and delayed implants
• Identify risk factors for complications with immediate implants

• Be able to perform socket grafting
  - Literature and indications for grafting
  - What to look for in choosing a graft material
• Know the management of extraction sites with facial bony defects
• Know how to manage the post-extraction site in order to minimize hard and soft tissue loss
• Identify differences in implant stability between immediate and delayed implants

Hands-On: There are many ways to effectively provisionalize the immediate implant, and in this presentation several options will be discussed. These options include cement retained and screw retained provisionals, utilizing either temporary abutments or definitive abutments. Also techniques for utilizing prefabricated crown forms and vacu-formed matrices will be discussed. Different material choices will be presented, such as polymethylmethacrylate (PMMA) acrylic resins and dimethacrylate (Bis GMA) composite resins. And finally the advantages and disadvantages of the different techniques and different materials will be analyzed.

Upon completion of this course participants should know:

• Be able to fabricate provisional restorations to load immediate implants
• Be familiar with PMMA and Bis GMA provisional resin materials
• Know the advantages and disadvantages of screw retained and cement retained provisional restorations
• Have enough information to decide with confidence which type of provisional restoration to routinely use

Course Director
Dr. Bach Le

Speakers
Dr. Bach Le, Dr. Baldwin Marchack

Stay & Learn Package
$1,995 (July 29 - 30, 2017)

All Stay and Learn Packages include course tuition, breakfast and lunch (one enrollee), 2 nights stay at the 5-star Cosmopolitan Las Vegas Hotel (City Room with 2 Queen Beds), self or valet parking, resort fees, free in-room high speed internet access, 24-hour access to state-of-the-art fitness center, pools, unlimited local and domestic long distance calls (50 states), and tennis court access (based upon availability).

Please book your Stay and Learn Packages early since rates of the hotel may increase after June 20, 2017. To book Terrace Studio/Suite with 1 King Bed or additional nights, please contact our office at 213-821-2127. * Hotel room rates are for single or double occupancy. Maximum room occupancy is four (4) persons. No additional charge for children under 17! Nightly rate of $55 per person for a 3rd or 4th adult in room will apply. Cancellation fee will apply if booking is cancelled after June 1, 2017.
Hawaii 2017

43rd Annual Review of Continuing Education in Dentistry

Maui
Monday - Thursday
July 31 - August 3, 2017
8:00 a.m. - 12:00 p.m.
16 Hours of Continuing Education
Grand Wailea Hotel
3850 Wailea Alanui Dr., Wailea, HI 96753

Tuition

Before June 15, 2017: $595
After June 15, 2017: $685
This course will review the new paradigm in tooth preparation for adhesively retained direct bonded composite restorations. The principles and technique necessary to achieve predictable bonds to enamel and dentin while minimizing post-operative sensitivity will be described. In addition, a technique for placement and finishing highly esthetic layered polychromatic anterior and posterior composite restorations will be discussed. Dr. Ruiz will address the latest concepts on composite materials and the principles of smile design, color, shade-matching, and use of tints and opaquers to achieve natural exquisite looking restorations.

Participants in this hands-on course will have the opportunity to apply principles discussed during the lectures, and be able to work in USC’s famous “Sim-lab,” one of the most modern and realistic simulator facilities in California. Participants will prepare and finish posterior direct composite restorations, perform polychromatic layered, highly esthetic anterior restorations, as well as Class IV and full direct composite veneers. At the end of the course, participants can take home, bonding materials, composites, polishing supplies, and other supplies.

Upon completion of this course participants should be able to:

• Perform diastema closures and full direct composite veneers with predictable and esthetic results
• Prepare several teeth using preparation principles specially design for direct adhesively retained composite restorations
• Perform with predictability, esthetic yet simple and fast class II restorations that avoid postoperative pain
• Understand and apply the latest developments in composite resins
• Incorporate state-of-the-art composite and bonding techniques to clinical practice
• Understand and apply the principles of smile design, color and color-matching for optimum results
• Apply tints and opaquers to composite resins

Course Director
Dr. Jose-Luis Ruiz

Faculty
Dr. Jose-Luis Ruiz and Dr. Boris Keselbrener

Tuition
Before July 15, 2017:
Dentist $1,395, Auxiliary $1,185

After July 15, 2017:
Dentist $1,495, Auxiliary $1,270
Safe, Precise and Predictable Implant Placement
Herman Ostrow School of Dentistry of USC
Saturday - Sunday, August 19 - 20, 2017
9:00am - 5:00pm
14 Hours of Continuing Education
Lecture • Hands-On

Implant dentistry is a predictable treatment modality providing function and esthetics. Proper implant positioning is a critical factor to ensure a successful outcome. There are many methods to place implants that allow for adequate osseointegration. However, these traditional techniques do not guarantee accurate implant positioning. Factors such as the surgeon’s hand stability, variation in bone quality, visual obstacles and improper surgical guides will compromise the implant surgery. The misplacement of implants leads to non-axial implant loading, complicated restorative process, increased expense, compromised esthetics as well as biologic and prosthetic complications. This course will present optimal techniques and technology for accurate placement of implants and their predictable restoration. Participants will be exposed to a restoratively driven process coordinated between the different members of the dental team.

The course will review the process of pre-surgical design of the definitive restoration through laboratory wax-up or a computer-assisted design (CAD). The benefits of creating a virtual patient image, diagnostics and surgical simulation will be outlined. Course participants will be exposed to the advantages of computer surgical navigation leading to accurate implant positioning.

The hands-on exercises will allow participants to virtually plan multiple cases and gain knowledge on using implant-planning software. A computer-guided implant placement followed by fabrication of an immediate restoration is included in the exercise. The course will provide clinicians with knowledge on the optimal way to practice implant dentistry from restoration design, through patient imaging and virtual implant simulation to a computer-guided surgery. This well-coordinated team approach leads to a more predictable implant positioning and an optimal restorative process while promoting patient safety.

Topics to be covered:
• Principles of proper implant positioning
• Limitations of traditional implant placement
• The diagnostic and virtual wax-up
• Radiographic templates and scan appliances
• Patient imaging protocols
• How to “read” a CT scan?
• Implant-planning software
• Image analysis for anatomic/restorative diagnosis
• Virtual implant surgery
• Fabrication of surgical guides
• Computer-guided surgery techniques: advantages and limitations
• Immediate implant provisional fabrication
• Management of complications

Course Director
Dr. Ziv Simon

Faculty
Dr. Ziv Simon, Dr. Phillip Mendelovitz, Sam Alawie, MDT
Diane Yamamoto, CRT, ARRT

Tuition
Before July 15, 2017:
Dentist $995, Auxiliary $845

After July 15, 2017:
Dentist $1,185, Auxiliary $1,010
Sleep Breathing Disorders: Approach from Dentistry!
Herman Ostrow School of Dentistry of USC
Lecture: Friday, September 8, 2017
9:00am - 5:00pm
Demonstration Workshop: Saturday, September 9, 2017
7 Hours of Continuing Education Per Day
Lecture • Workshop • Live Webinar

D A Y I - LECTURE O N L Y:
This course focuses on Sleep Disordered Breathing (SDB) Disorders such as snoring, somnolence and sleep apnea. It reviews the underlying mechanisms of these problems, including brain and anatomic alterations that predispose a patient to SDB. Lectures and discussion include an explanation of airway closure, factors that predict or predispose to airway closure and the medical and psychological consequences of sleep disordered breathing.

Topics to be covered:
• Chronic snoring
• Chronic Obstructive Sleep Apnea (OSA)
• Ordering and interpreting 3-D airway images
• Medications used in OSA

Upon completion of this course participants should:
• Understand the anatomy, physiology and pathobiology of the obstructive sleep apnea
• Apply diagnostic methods used to detect and quantify obstructive apnea disorders
• Understand the current therapies used for these problems
• Know the latest medications that are used for managing both snoring and obstruction

D A Y II - DEMO WORKSHOP:
This workshop allows the participants to use and analyze diagnostic tests and reports, including the clinical evaluation, pulse or wrist oximeter, PSG studies and Smart phone apps for snoring. The Hands-On provides demos and experiences of various appliances that can be used to treat patients, such as the Herbs and the TAP.

Topics to be covered:
• Examination methods for OSA/snoring
• Ordering polysomnography
• Take-home Oximetry
• Smart phone apps for snoring/Oxymeter

Upon completion of this course participants should:
• Use portable take-home recording devices for assessing the ongoing success or failure of the treated case
• Analyze a PSG report
• Select the dental device accordingly with the case indications (Herbst or TAP device) for OSA and snoring

Webinar System Requirements:
On a PC: Internet Explorer 7.0 or newer, Mozilla Firefox 4.0 or newer or Google Chrome 5.0 or newer (JavaScript enabled); Windows 8, 7, Vista, XP or 2003 Server; Cable modem, DSL or better Internet connection; Dual-core 2.4GHz CPU or faster with 2GB of RAM (recommended); Participants wishing to connect to audio using VoIP will need a fast Internet connection, a microphone and speakers. (A USB headset is recommended.)

On a Mac: Safari 3.0 or newer, Firefox 4.0 or newer or Google Chrome 5.0 or newer (JavaScript enabled); Mac OS X 10.6 – Snow Leopard or newer; Intel processor (1GB of RAM or better recommended); Cable modem, DSL, or better Internet connection; Participants wishing to connect to audio using VoIP will need a fast Internet connection, a microphone and speakers. (A USB headset is recommended.)

On an iPad, iPhone or Android device: Free GoToMeeting app from the App Store or Google Play; WiFi connection recommended to use VoIP

C o u r s e D i r e c t o r
Dr. Glenn Clark

S p e a k e r s
Dr. Glenn Clark, Dr. Mariela Padilla, Dr. Jack Broussard, and Dr. Sal Manriquez

T u i t i o n
Before August 1, 2017:
Dentist $495, Auxiliary $425
Webinar: Dentist $420, Auxiliary $360

After August 1, 2017:
Dentist $575, Auxiliary $495
Webinar: Dentist $490, Auxiliary $420
Many techniques and augmentation materials have been described for horizontal and vertical ridge augmentation. These include guided bone regeneration (GBR), ridge expansion/splitting, autogenous onlay block grafting, titanium mesh techniques, distraction osteogenesis, and interpositional osteotomy. While many techniques offer excellent results in some situations, few can be said to guarantee success. Complications remain a common problem with bone augmentation. Many questions still remain on which methods yield the most predictable results for dental implant placement in grafted bone. The aim of this advance course is to critically evaluate the current evidence to determine the predictability of various bone augmentation techniques for horizontal and vertical ridge defects for implant placement. A series of cases have been gathered to illustrate risk assessment and predictable management of various critical size defects ranging from moderate to severe defects.

Upon completion of this course participants should be able to:
- Describe various augmentation techniques and materials
- Understand the criteria for choosing the best technique to minimize complications
- Describe critical factors affecting augmentation success
- Know when to perform bone graft versus tissue graft
- Know when to use autogenous bone versus biomaterial
- Understand the significance of flap design on treatment outcome
- Compare different biomaterials and growth factors and know when to use them
- Recognize and treat graft complications

Discussion and hands-on section will include indications and contraindications for:
- GBR techniques
- Autogenous block grafts
- Interpositional ostetotomy
- Distraction osteogenesis
- Titanium mesh techniques
- “Screw tent-pole grafting” technique
- Ridge split versus expansion vs onlay grafts

Course Director
Dr. Bach Le

Faculty
Dr. Bach Le

Tuition
Before August 1, 2017:
Dentist $2,795, Auxiliary $2,375

After August 1, 2017:
Dentist $3,275, Auxiliary $2,785
The 10th USC Geriatric Dentistry Symposium
Herman Ostrow School of Dentistry of USC
Friday, September 15, 2017
9:00am - 5:00pm
7 Hours of Continuing Education
Lecture • Live Webinar

Today older adults are seeking dental care in far greater numbers as their life span lengthens and the numbers of seniors in the population increase. Unique to this population are factors such as variable health profiles, social support systems, and functional capabilities. Oral health findings can also be highly variable whether they are compounded by a lifetime of treatment or neglect. Many individuals or their families expect to maintain or restore their dentition and receive regular oral health care with the latest innovative materials and technology available.

Recognizing the diverse nature of the elderly and their needs, this symposium will approach the older adult from a functional perspective and include topics that cover many of the relevant issues faced when treating aging individuals. Practice approaches for both the healthy, community-based patient and frailer individuals will be discussed.

Topics to be covered:
• The relationship of function to health, including oral health
• Alternatives to implant supported dentures
• Importance of diet in healthy aging.
• Anesthetic choices in older adults
• The effects of climate change on older adults.
• Common oral and systemic conditions and their impact on dental management.
• Models of community-oriented care of the older adult

Upon completion of this course participants should:
• Recognize the importance of functionality to health, including oral health for older adults.
• Understand viable alternatives to implant supported dentures.
• Appreciate the role of diet in the process of healthy aging.
• Apply treatment modifications for a range of anesthetics in older adults.
• Understand the impact of climate change on older adults
• Explain how common oral and systemic conditions of older adults impact dental management
• Appreciate the importance of community dental care delivery to older adults

Course Directors
Dr. Roseann Mulligan and
Dr. Piedad Suarez

Faculty
Dr. Roseann Mulligan, Dr. Piedad Suarez, Dr. Lisa Hou, Dr. Phuu Han, Dr. James Tom, and special guest lecturers

Webinar System Requirements:
On a PC: Internet Explorer 7.0 or newer, Mozilla Firefox 4.0 or newer or Google Chrome 5.0 or newer (JavaScript enabled); Windows 8, 7, Vista, XP or 2003 Server; Cable modem, DSL or better Internet connection; Dual-core 2.4GHz CPU or faster with 2GB of RAM (recommended); Participants wishing to connect to audio using VoIP will need a fast Internet connection, a microphone and speakers. (A USB headset is recommended.)

On a Mac: Safari 3.0 or newer, Firefox 4.0 or newer or Google Chrome 5.0 or newer (JavaScript enabled); Mac OS X 10.6 – Snow Leopard or newer; Intel processor (1GB of RAM or better recommended); Cable modem, DSL, or better Internet connection; Participants wishing to connect to audio using VoIP will need a fast Internet connection, a microphone and speakers. (A USB headset is recommended.)

On an iPad, iPhone or Android device: Free GoToMeeting app from the App Store or Google Play; WiFi connection recommended to use VoIP

Tuition
Before August 15, 2017:
Dentist $445, Auxiliary $385
Webinar: Dentist $370, Auxiliary $295

After August 15, 2017:
Dentist $495, Auxiliary $425
Webinar: Dentist $420, Auxiliary $360
Functional Crown Lengthening Surgery
For Improved and Predictable Restorative Outcomes: Hands-On Workshop
Herman Ostrow School of Dentistry of USC
Saturday, September 16, 2017
9:00am - 5:00pm
7 Hours of Continuing Education
Lecture • Hands-On

Subgingival caries and tooth fractures are common occurrences in clinical practice. They typically lead to difficulties in managing the restorative finish line and to inability to take proper impressions. In other situations, dentists face difficulties obtaining adequate crown retention and a ferrule effect. These can lead to secondary caries, repeated fractures and periodontal complications due to biologic width impingement.

This course is designed to assist clinicians with managing these challenges and explores the periodontal–restorative interface. Participants will learn about functional crown lengthening and its indications prior to restorative treatment. Surgical techniques and how to improve restorative results by incorporating periodontal principles will be reviewed. The hands-on portion will enable participants to practice surgical crown lengthening, including effective flap design and suturing techniques.

Topics to be covered:
• Indications and contraindications
• Difference between functional and esthetic crown lengthening
• The importance of the biologic width
• What are the restorative considerations relevant to crown lengthening surgery?
• When to “save” a tooth and when to extract?
• Step-by-step surgical technique
• The surgical kit and procedure set-up
• Complications management
• When to refer to a periodontist

Hands-On Workshop:
• Incision design
• Soft tissue excisions
• Flap reflection
• Managing the thick palatal tissue
• Ostectomy and osteoplasty
• Surgical hand instrumentation
• Using rotary instruments
• Piezosurgery for crown lengthening
• Managing subgingival tooth fractures
• Quadrant crown lengthening
• Suturing technique

Course Director
Dr. Ziv Simon

Speaker
Dr. Ziv Simon

Tuition
Before August 15, 2017:
Dentist $1,195
Auxiliary $1,015 (Limit 2 per dentist)

After August 15, 2017:
Dentist $1,285
Auxiliary $1,095 (Limit 2 per dentist)
Minimally Invasive Adhesive and Esthetic Indirect Anterior Bonded Restorations
Herman Ostrow School of Dentistry of USC
Lecture: Fri, Sept 22, 2017. 9:00am - 2:00pm
Hands-On: Fri, Sept 22, 2017. 2:00 - 5:00pm
Lecture & Hands-On: Sat, Sept 23, 2017. 9:00am - 5:00pm
7 Hours of Continuing Education Per Day
Lecture • Hands-On

The objective of this course is to take a clinical approach and familiarize the practitioner with all aspects of bonded porcelain restorations. This course will demonstrate that not only can bonded porcelain restorations be used to enhance the esthetic appearance of teeth, but they can also be used therapeutically to regain strength of teeth that have been weakened due to enamel loss.

Lecture - Sept 22, 2017. 9am - 2pm:
This lecture will propose a practice philosophy and related techniques that respect the vitality and biomechanic properties of the natural teeth to improve patient’s smile.

Topics to be covered:
Diagnosis, treatment planning and treatment sequencing for bonded restorations
• 3-dimensional functional & esthetic mock-ups
• Preparation design for adhesive restorations
• Immediate dentin sealing
• Provisional fabrication: techniques, and materials
• Cementation: philosophy, techniques, and materials
• Porcelain type: selection and surface preparation
• Shade taking and laboratory communication using digital photography
• Porcelain repair: debonding and cohesive failures

Hands-On Workshop:
The hands-on portion of this course will allow participants and their staff to master all the necessary steps required to implement the contemporary material presented in the lecture.

Part 1 - Sept 22, 2017. 2 - 5pm
• Fabrication of matrices and mockups
Part 2 - Sept 23, 2017. 9am - 5pm
• Preparation and provisionalization

Course Director
Dr. Abdi Sameni

Speaker
Dr. Abdi Sameni

Tuition
Before Aug 15, 2017:
Lecture (Sept 22, 2017 - 9am-2pm) Dentist $125; Auxiliary $75
Hands-On (Sept 22, 2017 - 2-5pm) Dentist $295 (includes one auxiliary)
Hands-On (Sept 23, 2017 - 9am-5pm) Dentist $795 (includes one auxiliary)

After Aug 15, 2017:
Lecture (Sept 22, 2017 - 9am-2pm) Dentist $145; Auxiliary $95
Hands-On (Sept 22, 2017 - 2-5pm) Dentist $365 (includes one auxiliary)
Hands-On (Sept 23, 2017 - 9am-5pm) Dentist $865 (includes one auxiliary)
Healthier Indirect Restorations, Using a Supra-gingival Protocol
Herman Ostrow School of Dentistry of USC
Friday - Saturday, October 6 - 7, 2017
9:00am - 5:00pm
14 Hours of Continuing Education
Lecture • Hands-On

**Improved** esthetic results achieved with non-metal veneers, onlays and full crowns have increased their use and enhanced patient acceptance and satisfaction. Nevertheless, clinicians often feel that these restorations are more difficult and less predictable than traditional ones. In this course, participants will learn how to properly perform non-metal restorations to make esthetic dentistry more predictable, trouble-free and healthier for the patient.

In this workshop, Dr. Ruiz will first demonstrate, on a live patient, an innovative paradigm for preparation and cementation. He will also show a simple and predictable system for performing comprehensive diagnosis, esthetic evaluation and occlusal diagnosis, that is indispensable for predictability, longevity and successful esthetic outcome. In addition, step-by-step techniques and principles for tooth preparation, temporization, and sensitive-free easily bonded cementation will be shown.

During the workshop, participants will perform, in very realistic simulators, tooth preparations specific to supra-gingival dentistry for porcelain veneers and non-metal onlays. Participants will also bond porcelain veneers and onlays using the techniques learned.

**Upon completion of this course participants should:**
• Understand the benefits of supra-gingival dentistry by observing live preparation and cementation procedures for non-metal veneers.
• Know simple and predictable tooth preparation techniques specific to supra-gingival dentistry and perform multiple veneer, onlay and crown preparations in a simulator.
• Be able to use a predictable impression technique; never do a retake!
• Know how to choose the correct type of restorative material and translucency.
• Understand which bonding systems and cements are most esthetically appropriate to achieve good margin blending.
• Know how to perform sensitive-free and easy cementation techniques for anterior veneers and posterior onlays.

**Course Director**
Dr. Jose-Luis Ruiz

**Faculty**
Dr. Jose-Luis Ruiz, Dr. Boris Keselbrener

**Tuition**
Before September 15, 2017: $1,895
After September 15, 2017: $1,985
3 + 1 Free CE Program

The More You Learn, The More You Earn!

Take any 3 CE courses between January and December 2017 and receive another course for FREE.

For every 3 paid CE courses, participants can receive one FREE course, subject to Terms and Conditions of the program. Participants have one year from the date of last paid course to redeem free course(s).

For more information or to register visit our website: dentalcontinuingeducation.usc.edu call 213-821-2127 or email us at cedental@usc.edu

Program does not include multi-modular or continuum courses already offering a discount. Tution for multiple parts, modules or courses. FREE course of choice will not exceed the lowest tuition of any of the 3 paid courses. A course of choice exceeds the lowest amount participant can enroll in a FREE course but pays the tuition difference. No other credits or tuition refunds will be made. Participants need to notify the CE office at least 2 months prior to date of the FREE course of choice in order to guarantee a spot. A deposit of $50.00 will not guarantee a spot and will be based on space availability. If a specific course is not available due to a short duration/limited space, participant may select another FREE course. FREE courses are non-refundable and can only be used by the same participant. To cancel a FREE course, the CE office must be notified at least 7 days in advance for lecture courses and 14 days in advance for hands-on courses. Otherwise, the CE office reserves the right to cancel participant’s eligibility to attend another FREE course in the future.
This course focuses on Chronic Orofacial Pain (OFP) and headaches (e.g. Neuropathic Pain, Neurovascular Pain, Neuralgia, Neuritis and Neuroma). It reviews underlying mechanisms of pain induction, nerve injury and repair, sensitization and spontaneous ectopic pain generation. Lectures include an explanation of how various analgesic blocks and sensory testing procedures, in combination with historical information, produce a differential diagnosis of neurogenous and headache pain. Lectures will also focus on the appropriate pharma-cologic, behavioural, surgical, and physical medicine management pro-cedures for these conditions. Finally, real patient cases will be presented with the goal of helping the attendee become more comfortable in diagnosing and treating OFP disorders and providing a new understanding of chronic pain.

This course will cover the medications used to treat chronic orofacial pain, including neurogenic, musculoskeletal, headache and uncommon pain disorders. To be able to treat patients with these problems, dentists must understand the underlying mechanisms of pain transmission, nerve injury and repair, sensitization, sympathetic pain maintenance and spontaneous ectopic pain generation. Dentists must be able to perform various analgesic blocks and sensory testing procedures as well as understand how these procedures combined with historical information allow for a differential etiologic-based diagnosis to be made. This course is divided into lecture presentations in the morning, demonstrations and workshops in the afternoon and specific case discussions at the end of the day.

Topics to be covered:
- Chronic orofacial pains (trigeminal neuralgias, neuromas and neuropathies)
- Headache disorders which mimic Temporomandibular Disorder (TMD) and cause orofacial pain
- New medications used for pain
- Examination methods for chronic pain
- Issues of California drug law, the DEA/DOJ and using off-label prescriptions
- Treatment of chronic pain using behavioral, physical and surgical therapies
- Know the neuroanatomy, neurophysiology and pathobiology of the trigeminal nociceptive system
- Understand neurogenous and neurovascular diseases
- Be able to conduct a differential diagnosis of neurogenous and headache disorders
- Know the current therapies used for these problems
- Understand how neurovascular headaches can convert from episodic to chronic
- Be familiar with the latest medications used for managing both neurovascular and neurogenous pain
- Know how to make stents, perform intramuscular injections, and conduct a myofascial examination.
- Medications used in dentistry and the Law: What can be prescribed and what not?
- Metabolism of medications including liver enzymes systems
- The various chronic pain diseases that appear in the orofacial region
- Non-pharmacologic therapies for OFP
- Pharmacogenetics and medication efficacy
- Current approaches for treating non-malignant chronic orofacial pain
- How to conduct a myofascial examination
- How to perform therapeutic injections (trigger point, botulinum toxin and corticosteroid)

Webinar System Requirements:

On a PC: Internet Explorer 7.0 or newer, Mozilla Firefox 4.0 or newer or Google Chrome 5.0 or newer (JavaScript enabled); Windows 8, 7, Vista, XP or 2003 Server; Cable modem, DSL or better Internet connection; Participants wishing to connect to audio using VoIP will need a fast Internet connection, a microphone and speakers. (A USB headset is recommended.)

On a Mac: Safari 3.0 or newer, Firefox 4.0 or newer or Google Chrome 5.0 or newer (JavaScript enabled); Mac OS X 10.6 – Snow Leopard or newer; Intel processor (1GB of RAM or better recommended); Cable modem, DSL, or better Internet connection; Participants wishing to connect to audio using VoIP will need a fast Internet connection, a microphone and speakers. (A USB headset is recommended.)

Course Director
Dr. Glenn Clark

Speakers
Dr. Glenn Clark, Dr. Mariela Padilla, Dr. Jack Broussard, and Dr. Sal Manriquez

Tuition
Before September 15, 2017:
Dentist $275, Auxiliary $235
Webinar: Dentist $220, Auxiliary $160

After September 15, 2017:
Dentist $295, Auxiliary $250
Webinar: Dentist $290, Auxiliary $220

On a Mac: Safari 3.0 or newer, Firefox 4.0 or newer or Google Chrome 5.0 or newer (JavaScript enabled); Mac OS X 10.6 – Snow Leopard or newer; Intel processor (1GB of RAM or better recommended); Cable modem, DSL, or better Internet connection; Participants wishing to connect to audio using VoIP will need a fast Internet connection, a microphone and speakers. (A USB headset is recommended.)

On a PC: Internet Explorer 7.0 or newer, Mozilla Firefox 4.0 or newer or Google Chrome 5.0 or newer (JavaScript enabled); Windows 8, 7, Vista, XP or 2003 Server; Cable modem, DSL or better Internet connection; Participants wishing to connect to audio using VoIP will need a fast Internet connection, a microphone and speakers. (A USB headset is recommended.)
Emerging Diseases, Infection Control and California Dental Practice Act

Herman Ostrow School of Dentistry of USC
Saturday, October 21, 2017
9:00am - 4:00pm
6 Hours of Continuing Education
In-Person Lecture

Sunday, October 22, 2017
1:00Pm - 5:00pm
4 Hours of Continuing Education
Webinar

New diseases, as well as the return of some once thought eradicated diseases, are a major concern in the modern dental practice. It seems as if every few months a new disease is developing. The signs and symptoms of many emerging diseases such as Methicillin-resistant Staphylococcus aureus (MRSA), variant Creutzfeldt-Jakob (Mad Cow Disease), The Middle East respiratory syndrome coronavirus (MERS), Avian flu and the West Nile Virus will be described and effective preventive measures will be discussed. The course will also cover topics such as general disease transmission, universal and standard precautions, disinfection and sterilization as well as proper waste management.

The course reviews Cal-OSHA’s top 20 dental office violations, discuss the CDC guidelines as well as the current mandated minimum standards for infection control in the dental setting from the Dental Board of California regulations. Participants will be provided with an easy-to-apply checklist for reviewing their office’s compliance with infection control and safety policies and guidelines.

The section on the California Dental Practice Act will present the recent changes in the laws that impact the practice of dentistry. It will cover the topics necessary for renewal of your license, including your duties as a mandated reporter of child, elder and domestic partner abuse; violations of the Dental Practice Act; and powers of enforcement held by the Dental Board.

Upon completion of this course participants should:
• Know the principles of disease transmission and Universal/Standard precautions
• Understand Cal-OSHA compliance issues, sterilization and disinfection
• Become familiar with the updated CDC infection control guidelines

On an iPad, iPhone or Android device:
Free GoToMeeting app from the App Store or Google Play; WiFi connection recommended to use VoIP

Course Director
Dr. Joyce Galligan

Faculty
Dr. Joyce Galligan, Patricia Galligan, JD

Webinar on Sunday, October 22, 2017 will cover 2 hours of Emerging Diseases and 2 hours of Infection Control.

Webinar System Requirements:

On a PC: Internet Explorer 7.0 or newer, Mozilla Firefox 4.0 or newer or Google Chrome 5.0 or newer (JavaScript enabled); Windows 8, 7, Vista, XP or 2003 Server; Cable modem, DSL or better Internet connection; Dual-core 2.4GHz CPU or faster with 2GB of RAM (recommended); Participants wishing to connect to audio using VoIP will need a fast Internet connection, a microphone and speakers. (A USB headset is recommended).

On a Mac: Safari 3.0 or newer, Firefox 4.0 or newer or Google Chrome 5.0 or newer (JavaScript enabled); Mac OS X 10.6 – Snow Leopard or newer; Intel processor (1GB of RAM or better recommended); Cable modem, DSL, or better Internet connection; Participants wishing to connect to audio using VoIP will need a fast Internet connection, a microphone and speakers. (A USB headset is recommended).

Tuition
Before October 1, 2017:
Dentist $195, Auxiliary $165
Webinar: Dentist $145, Auxiliary $115

After October 1, 2017:
Dentist $275, Auxiliary $235
Webinar: Dentist $165, Auxiliary $135

On-site registration:
Dentist $295, Auxiliary $250
Comprehensive Periodontal Surgery: Esthetic and Functional Procedures for the General Practitioner
NOW in an enhanced format with the addition of Practical dental suturing for GPs
Herman Ostrow School of Dentistry of USC
Friday, October 27, 2017, 1:00 - 5:00pm. 4 Hours of Continuing Education
Saturday - Sunday, October 28 - 29, 2017, 9:00am - 5:00pm. 7 Hours of Continuing Education Per Day

The goal of esthetic reconstruction is to provide patients with naturally looking restorations and healthy surrounding soft tissues. Often, patients present with gingival deformities, such as tissue deficiency or excessive gingivae, thereby posing a challenge to the treating clinician. Other problems include subgingival caries and tooth fractures. These typically lead to difficulties in managing the restorative finish line and an inability to make proper impressions. In other situations, dentists face difficulties obtaining adequate crown retention and a ferrule effect, which can lead to secondary caries, repeated fractures and periodontal complications due to biologic width impingement. It has been shown that proper handling of the gingival tissues can make the difference between treatment success and failure. This course is designed to provide clinicians with the scientific background and surgical techniques to perform periodontal surgery for ultimate esthetics and function. It will address the methods to attain success from a soft tissue perspective.

Module I - Lecture/Workshop
Essential surgical principles and suturing techniques
• Principles of soft tissue esthetics and gingival harmony
• The challenges of tissue deficiency and excess
• Anatomical considerations for periodontal surgery
• Principles of flap design
• The essential principles of suturing
• Suturing safety and mechanics
• How to choose suture material and when to use it
• Needle types and their use
• The most useful suturing techniques
• Suturing for exodontia, bone grafting and implants
• How to deal with suture challenges and complications

Hands-On Workshop
• Simple interrupted
• Continuous interlocking
• Sling
• X-suture
• Vertical and horizontal mattress
• How to suture an edentulous arch
• Principles of tying a knot
• Finger maneuvering options

Module II - Lecture/Workshop
Soft Tissue Grafting
• Soft tissue grafting to correct gingival recession
• Coronally repositioned flaps for root coverage
• “Tunneling” and “Pouch” techniques
• Improving tissue quality
• Soft tissue management around implants
• Soft tissue allografts and enamel proteins for root coverage
• Management of soft tissue complications

Hands-On Workshop
• Epithelialized palatal graft
• Connective tissue graft
• Coronally advanced flap
• 1 incision harvest technique
• Donor site management

Module III - Lecture/Workshop
Esthetic & Functional Crown Lengthening
• Etiology for excessive gingival display
• Treatment options for the “Gummy Smile”
• Esthetic crown lengthening step-by-step
• Surgical lip repositioning
• Apically positioned flaps
• Tori and tuberosity reduction
• Frenectomy procedures
• Indications for crown lengthening
• The importance of biologic width
• Restorative considerations relevant to crown lengthening surgery
• Treatment of gingival hyperplasia
• Complications management
• When and what to refer

Hands-On Workshop
• Apically positioned flaps
• Functional crown lengthening
• Ostectomy and osteoplasty
• Surgical hand instrumentation
• Using rotary instruments
• Managing subgingival tooth fractures
• Quadrant crown lengthening

Course Director
Dr. Ziv Simon

Speaker
Dr. Ziv Simon

Tuition
Before Oct 1, 2017:
Dentist $2,520

After Oct 1, 2017:
Dentist $2,800
The USC 10th International Restorative Dentistry Symposium
Downtown Los Angeles
Friday - Saturday, October 27 - 28, 2017
8:30am – 5:00pm
14 Hours of Continuing Education

It gives us great pleasure to invite you to attend the 10th annual USC International Restorative Dentistry Symposium for 2017. The goal of this symposium is to update the dental community on contemporary “hot” topics related to restorative dentistry. The symposium will showcase current, evidence-based information, with presentations by nationally and internationally renowned speakers who are opinion leaders, academicians, educators and researchers.

The goal of the symposium is to critically look at the more contemporary dental materials, procedures, techniques and technologies, and to assist the profession in providing better restorative, esthetic and implant dentistry for the patient. A carefully selected group of national and international speakers will share their clinical experience, research, and opinions to provide a better understanding of the advances in restorative science as it relates to clinical care. There will be time allocated for open discussion between course participants and the presenters.

We hope to see you in what promises to be a most enjoyable and educational experience.

Symposium Chair
Dr. Abdi Sameni

Speakers
National and International

Tuition
Before October 1, 2017:
Dentist $495, Auxiliary $420

After October 1, 2017:
Dentist $585, Auxiliary $495
Esthetic Full-Mouth Implant Reconstruction: CAD/CAM Restorations and Computer Guided Technology
Herman Ostrow School of Dentistry of USC
Module I: Friday, November 3, 2017
Module II: Saturday, November 4, 2017
Module III: Sunday, November 5, 2017
9:00am - 5:00pm
7 Hours of Continuing Education Per Day
Lecture • Hands-On

The use of Computer Aided Design and Computer Aided Manufacturing (CAD/CAM) has been incorporated into different disciplines of dentistry in the last decade. CAD/CAM implant frameworks designed by a technician on a computer and manufactured by a computer-operated facility to a high level of precision offer many benefits to implant dentistry. The use of computer-aided tomography, computer-assisted treatment planning and computer-guided surgery has been available for a variety of applications. Research and experience with this technology allows us to fine tune its use and understand its applications and limitations better than ever before. The use of these advanced technologies will be demonstrated and reviewed clinically. Advantages, disadvantages and limitations will be discussed to ensure maximum benefits of computer technology to a successful implant full-mouth reconstruction.

Modules I & II lectures include:
• CAD/CAM frameworks rationale and design
• Computer-guided treatment planning for surgery
• Immediate loading
• Tilted implants: avoid grafting, enhance A-P spread
• Fixed implant reconstruction for every patient?
• Complications and limitations
• Laboratory techniques and procedures
• Surgical considerations

Module III: hands-on workshop:
(Limited attendance)
Passive Fit of Implant Frameworks
In this unique course, participants will receive edentulous models with implants and full-arch CAD/CAM titanium and zirconia frameworks to be evaluated for fit. Different scientifically based methods will be used to evaluate various frameworks and a quick and practical method will be exercised to allow a quantifiable and objective evaluation of a framework for a clinically acceptable passive fit. Mastering this technique simplifies the restorative sequence significantly and enhances the predictability of the treatment.

* This course can be taken alone or as a part of the Esthetic Full-Mouth Implant Reconstruction Program. To register for the full year program, please visit: www.USCestheticIMPLANT.org or call 213-821-2127 for details.

Course Director and Speaker
Dr. Harel Simon

Faculty
Dr. Harel Simon, Dr. Joseph Field, Take Katayama, CDT

Tuition
Module I (Friday, November 3, 2017)
Before October 1, 2017: Dentist $295; Auxiliary $250
After October 1, 2017: Dentist $375; Auxiliary $320

Module II
(Saturday, November 4, 2017)
Before October 1, 2017: Dentist $295; Auxiliary $250
After October 1, 2017: Dentist $375; Auxiliary $320

Module III
(Sunday, November 5, 2017)
Before October 1, 2017: $1,875
After October 1, 2017: $1,995

Complete Course (Module I, II, & III)
Before October 1, 2017: Dentist $1,995; Auxiliary $1,695
After October 1, 2017: Dentist $2,245; Auxiliary $1,910
Periodontal disease is a chronically destructive condition affecting many patients. The primary bacterial etiology with several possible local and systemic risk factors account for a rather complex disease entity. It is crucial for clinicians to include periodontal considerations in their treatment planning and in the active phase of therapy.

This course is designed to provide clinicians with the most current knowledge on fundamental issues in periodontics. Participants will learn how to diagnose periodontal disease and related conditions and to assess teeth prognosis. The course will also explore several periodontal treatment modalities and their relation to restorative and reconstructive aspects of treatment. State-of-the-art reviews and position statements by the American Academy of Periodontology (AAP) will be included.

The information presented in this course will be clinically-relevant to help participants provide optimal comprehensive care for their patients.

Topics to be covered:
• Microbial etiology of periodontitis
• Secondary etiologies and risk factors
• Performing a comprehensive periodontal examination
• Classification of periodontal diseases and conditions (AAP)
• Differential diagnoses: periodontal, endodontic and combined lesions
• How to determine prognosis?
• Systemic and localized antibiotic regimens: when is each one indicated?
• The relationship between occlusion and periodontal disease
• The furcation dilemma: What are the treatment options?
• Periodontal disease and the link with systemic diseases
• Surgical vs. non-surgical treatments: when are they indicated?
• Gingival lesions and indications for biopsy
• What is appropriate periodontal maintenance?
• When to refer to a specialist (AAP)

Course Director
Dr. Ziv Simon

Faculty
Dr. Ziv Simon, Dr. Ilan Rotstein

Tuition
Before October 1, 2017:
Dentist $295; Auxiliary $250
After October 1, 2017:
Dentist $385; Auxiliary $340
The USC 16th International Endodontic Symposium
Radisson Midtown at USC
3540 S. Figueroa St. Los Angeles, CA 90007
Friday - Saturday, December 8 – 9, 2017
8:30am – 5:00pm
14 Hours of Continuing Education

It is our pleasure to invite you to the USC Sixteenth International Endodontic Symposium “Clinical and Biological Concepts of Modern Endodontics.” Internationally renowned experts will present to you the most current advances in the field.

The Scientific program will include updates on current hot topics in endodontics and advanced treatment modalities, as well as a deep insight into the future of endodontics.

This International Symposium has become a tradition. It promises to be a most exciting event and will provide you, the clinician, with relevant information and tools to bring you to the next level of excellence in delivering the best evidence-based endodontics to your patients.

Symposium Chair
Dr. Ilan Rotstein

Speakers
National and International

Tuition
Before November 1, 2017:
Dentist $495, Auxiliary $445

After November 1, 2017:
Dentist $595, Auxiliary $545

On-site registration:
Dentist $675, Auxiliary $625
Focus on the Maxillary Sinus: Lecture & Cadaver Hands-On Workshop
Herman Ostrow School of Dentistry of USC
Saturday, December 9, 2017
8:00am - 5:00pm
8 Hours of Continuing Education
Lecture • Hands-On

Dental implants are a predictable treatment option when there is sufficient quantity and quality of bone. However, when patients present with deficient alveolar ridges, it can hamper the placement of dental implants. This problem is especially magnified in the posterior maxilla where ridge resorption and sinus pneumatization, compounded with a poor quality of bone, are often encountered.

The procedure of choice to restore this anatomic deficiency is maxillary sinus floor elevation (sinus lift). This one-day lecture and hands-on cadaver workshop will focus on the most up-to-date techniques in sinus augmentation to improve long-term clinical success with dental implants. This course is designed for the clinician that has prior implant experience and would like to broaden knowledge, scope of practice and improve surgical skill.

The course is recommended for:
• Novice or experienced clinicians
• Surgical specialists who would like to acquire a more comprehensive understanding of implant restoration
• Restorative dentists who would like to acquire a more comprehensive understanding of implant surgery
• Allied health professionals (Laboratory technicians, dental hygienists and dental assistants)

* This course is appropriate for any clinician who is interested in gaining a comprehensive training in implant dentistry

Upon completion of this course participants should:
• Discuss the rationale for sinus augmentation
• Understand maxillary sinus anatomy and function
  - Schneiderian membrane thickness, risk of tearing
  - Management of sinus septums
• Understand and manage maxillary sinus pathology
  - Mucous retention cysts, maxillary sinusitis, etc.
  - Effects of implant exposure to sinus cavity and risk of sinus complications.
• Know pre-operative evaluation
  - Rule out sinus pathology
  - CT scan evaluation
• Understand sinus graft biology and healing
• Know the advantages and limitations of various augmentation approaches
• Perform various maxillary sinus augmentation approaches
  - Lateral window approach
  - Crestal approach
  - Osteotomes
  - Ridge expansion technique in conjunction with sinus grafts
  - Balloons
  - Piezoelectric instrumentation
• Perform flap design for optimal esthetic and predictability
• Know when to perform sinus graft versus using short implants
• Understand the rationale for choosing various graft materials
• Harvest ramus and chin grafts
• Recognize and treat graft complications
  - Membrane perforations, bleeding, oral-antral fistula formation, maxillary sinusitis and infection, graft failures, etc.

Course Director
Dr. Bach Le

Faculty
Dr. Bach Le

Tuition
Before November 15, 2017:
Dentist $1,095, Auxiliary $945
After November 15, 2017:
Dentist $1,275, Auxiliary $1,095
General Information

Contact Information

Herman Ostrow School of Dentistry of USC
Continuing Professional Education
Norris Dental Science Center
925 West 34th Street, Room 201J
Los Angeles, CA 90089-0641
Tel: 213-821-2127 Email: cedental@usc.edu
Fax: 213-740-3973 Website: dentalcontinuingeducation.usc.edu

Location

Unless otherwise indicated, all courses are held at the Herman Ostrow School of Dentistry of USC, 925 West 34th Street, Los Angeles, California. Our check-in desk is located at the 1st floor east lobby. Room assignment and information will be indicated upon check-in. The public entrance to the dental school building open regularly to the public is the main entrance located on 34th street.

Registration

All registrations are processed in the order in which they are received and based on availability. We suggest early registration especially for limited attendance courses and hands-on workshops. In order to secure place in a course, a completed registration form accompanied by payment must be received for each participant. We accept checks, Visa, MasterCard, Discover Card, cash, cashier’s check, and traveler’s check. For your convenience, you can use one of the following options:

- Online registration at dentalcontinuingeducation.usc.edu
- Call our office at 213.821.2127
- Fax your registration form to 213.740.3973
- Mail your completed registration form and payment to:
  Herman Ostrow School of Dentistry of USC
  Continuing Professional Education
  925 W. 34th St., Room 201J
  Los Angeles, CA 90089-0641
- Wire option is available, please call for details.
- For courses over $2000, we accept payment in installment.

Registrations will be confirmed by mail (if time permits), fax, or electronically through e-mail. If you mail your registration, please allow sufficient time to qualify for early registration, as all mail must first go through the University mail system prior to reaching our office. Online registration will be processed within 48 hours.

Credits

The Herman Ostrow School of Dentistry of USC is an ADA CERP recognized provider. Courses offer continuing education credits in accordance with guidelines of the California State Board Dental Examiners on an hour-for-hour basis. Please refer to each course listing for the number of credit units awarded for a particular category. Certified dental assistants should contact the Dental Assisting National Board regarding their continuing education credit guidelines and course requirements. Upon completion of each course, participants will receive a verification of attendance, indicating the credit hours awarded. Continuing education credits awarded may not apply toward license renewal in all states. Course participants are responsible for maintaining their own records for license renewal and forwarding their course credit information to the appropriate licensure board(s).

Refunds

Refunds are granted only if written notification is received at least 14 business days prior to lecture courses and 21 business days before hands-on and limited attendance courses. 50% of the tuition will be refunded if cancellation occurs 7 business days prior to a lecture course and 14 business days prior to hands-on or limited attendance courses. No refunds are granted outside of these time periods. If insufficient enrollment necessitates cancellation of a course, all tuition fees will be refunded. A $75 fee is withheld for all processing.

The Herman Ostrow School of Dentistry of USC cannot be responsible for refund of any part of the tuition as a result of emergencies, unforeseen circumstances, or events beyond its control. Also, Herman Ostrow School of Dentistry of USC is under no financial obligation to reimburse participants for airline tickets, hotel reservations, or any other cost incurred, should the need arises to cancel or reschedule programs.
**Tax Deduction**

The IRS allows an income tax deduction for continuing education course expenses when course content is designated to maintain or improve skills required for an individual's business. Deductible expenses may include, among others, registration fees, cost of travel, meals and lodging. Please consult with your tax advisor or accountant.

**Disclaimers & Disclosures**

Continuing education courses do not necessarily reflect the philosophies of the pre-doctoral or post-doctoral training programs of the Herman Ostrow School of Dentistry of USC. Sponsorship of a continuing education course does not imply subject matter, product, procedure or technique endorsement. Courses may include subject matter of an experimental and/or controversial nature and commercial references. This material is offered to the dental profession for educational and informational purposes in a spirit of academic freedom. In addition, advertisement in this catalog does not equate to an endorsement or preference for any product or procedure. Participants are also advised that potential risks to patients may exist when using limited knowledge while integrating new techniques into their practice.

All speakers must disclose to the audience any proprietary, financial or other personal interest of any nature or kind, in any product, service, source and/or company, or in any firm beneficially associated therewith that will be discussed or considered during their presentation. The Herman Ostrow School of Dentistry of USC does not view the existence of these interests or uses as implying bias or decreasing the value to participants. The Herman Ostrow School of Dentistry of USC, along with ADA CERP, feels that this disclosure is important for the participants to form their own judgment about each presentation.

The Herman Ostrow School of Dentistry of USC reserves the right to cancel any course, limit enrollment, modify the announced course content, or change the location, time, date and faculty of any course, as may be deemed necessary or advisable. Should a significant change occur every effort will be made to notify registered participants in advance.

The Herman Ostrow School of Dentistry of USC is not responsible for providing liability or malpractice insurance in workshop courses involving patients. Participants enrolled in courses which involve patients are required to provide proof of active dental license, CPR certification and insurance coverage. Registration in any continuing education program implies permission for photographs to be taken and used in future publications.

### Hotel Accommodation

<table>
<thead>
<tr>
<th>Hotel</th>
<th>Address</th>
<th>Phone</th>
<th>Website</th>
<th>Bus Route</th>
<th>USC Rate</th>
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<tr>
<td>Millennium Biltmore</td>
<td>506 South Grand Avenue, Los Angeles, CA 90071 (3.7 miles from USC)</td>
<td>213.624.1011</td>
<td><a href="http://www.millenniumhotels.com/millenniumlosangeles/index.html">http://www.millenniumhotels.com/millenniumlosangeles/index.html</a></td>
<td>Dash F bus available and stops at Gate 5</td>
<td>Yes</td>
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<tr>
<td>Los Angeles Athletic Club</td>
<td>431 W. 7th Street, Los Angeles, CA 90014 (3 miles from USC)</td>
<td>213.625.2211</td>
<td><a href="http://www.laac.com">http://www.laac.com</a></td>
<td>Dash F bus available and stops at Gate 5</td>
<td>Yes</td>
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<tr>
<td>Sheraton Los Angeles Downtown Hotel</td>
<td>711 S. Hope Street, Los Angeles, CA 90017 (3 miles from USC)</td>
<td>213.683.1248</td>
<td><a href="http://www.starwoodhotels.com/sheraton">http://www.starwoodhotels.com/sheraton</a></td>
<td>Dash F bus available and stops at Gate 5</td>
<td>Yes</td>
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<tr>
<td>Westin Bonaventure</td>
<td>404 S. Figueroa Street, Los Angeles, CA 90071 (3.6 miles from USC)</td>
<td>213.624.1000</td>
<td><a href="http://www.westin.com">http://www.westin.com</a></td>
<td>Dash F bus available and stops at Gate 5</td>
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<tr>
<td>Radisson Hotel</td>
<td>3540 S. Figueroa Street, Los Angeles, CA 90007 (walking distance from USC)</td>
<td>213.748.4141</td>
<td><a href="http://www.radisson.com">http://www.radisson.com</a></td>
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<td>Yes</td>
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### Directions to USC University Park Campus

The Herman Ostrow School of Dentistry of USC is located at 925 West 34th Street, Los Angeles, CA 90089. It is just minutes from downtown Los Angeles and easily accessible by major freeways.

- **From the North:** US-101 South to I-110 (Harbor Freeway) South. Exit Exposition Blvd. Turn right on Figueroa. Turn left on Jefferson Blvd.
- **From the South:** I-5 North to I-10 West, exit Vermont Ave South. Turn left on Jefferson Blvd.
- **From the East:** I-10 West, exit Vermont Ave South. Turn left on Jefferson Blvd.
- **From the West:** I-10 East, exit Vermont Ave South. Turn left on Jefferson Blvd.
The closest parking facilities are listed below and accessible at a flat fee of $12 for all-day multiple-entry parking:

<table>
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<tr>
<th>Gate</th>
<th>Weekday Hrs</th>
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<th>Holiday Hrs</th>
<th>Phone</th>
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<tr>
<td>1</td>
<td>6am - 8pm</td>
<td>8am - 4pm</td>
<td>Closed</td>
<td>213.740.3692</td>
<td>Enter off Exposition Blvd-east of Vermont Ave. Use Parking Structure A.</td>
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<td>2</td>
<td>6am - 8pm</td>
<td>Closed</td>
<td>Closed</td>
<td>213.740.3723</td>
<td>Enter off Exposition Blvd-west of Figueroa St. Use Parking Structure X.</td>
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<td>3</td>
<td>24 hours</td>
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<td>213.740.3848</td>
<td>Enter off Figueroa St at McCarthy Way. Use Parking Structure X.</td>
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<td>4*</td>
<td>24 hours</td>
<td>Closed</td>
<td>24 hours</td>
<td>213.740.3872</td>
<td>Enter off Jefferson Blvd at Royal Street (east of Hoover St). Use Parking Structure D.</td>
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<td>5*</td>
<td>24 hours</td>
<td>24 hours</td>
<td>Closed</td>
<td>213.740.5468</td>
<td>Enter off Jefferson Blvd at McClintock Ave. Open to public during weekends only. During weekends, use Lot M located just northeast of the dental school, or Parking Structure D on 34th St near Figueroa St (about 8 - 10 minutes walk to dental school).</td>
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<tr>
<td>6</td>
<td>6am - 8pm</td>
<td>Closed</td>
<td>Closed</td>
<td>213.740.3773</td>
<td>Enter off Vermont at 36th Pl. Use Parking Structure A.</td>
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*GATE 4 AND 5 ARE THE CLOSEST GATES TO HERMAN OSTROW SCHOOL OF DENTISTRY OF USC

Map

[Map of USC University Park Campus showing parking structures and gates]
# Registration Form

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Please xerox form as needed, complete details, and send to:

Herman Ostrow School of Dentistry of USC  
Continuing Professional Education  
925 W. 34th Street, Room 201J  
Los Angeles, CA 90089-0641  

Phone: 213.821.2127  
Fax: 213.740.3973  
Email: cedental@usc.edu

Online Registration Available at dentalcontinuingeducation.usc.edu

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