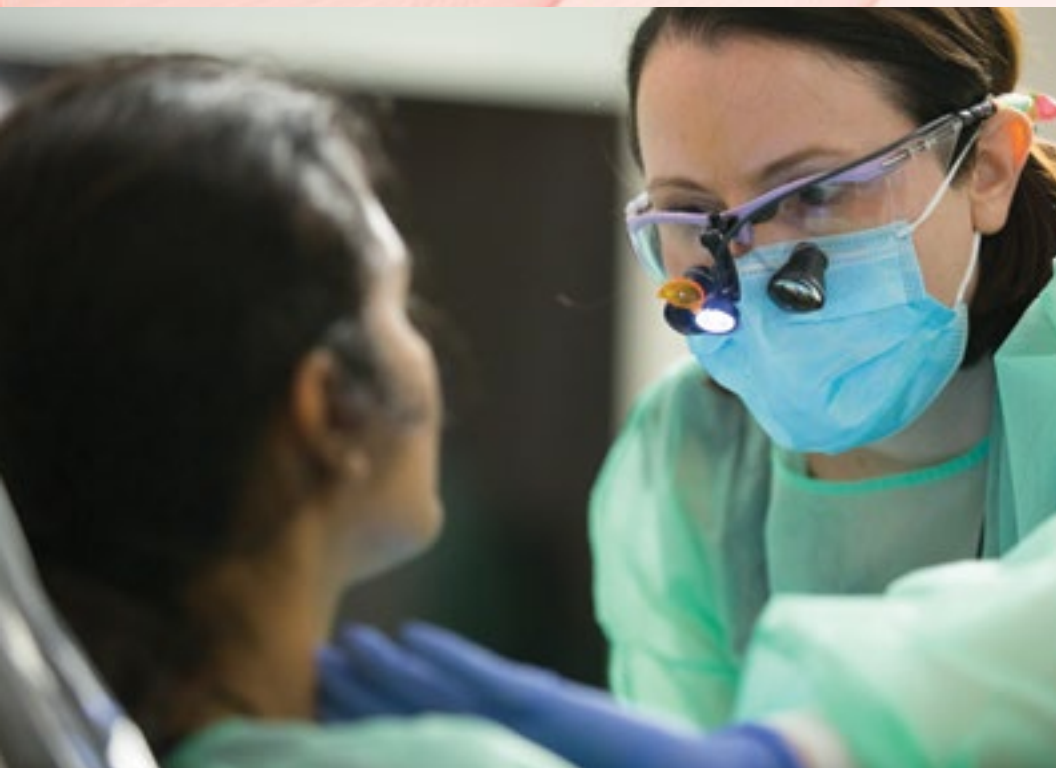


# Herman Ostrow School of Dentistry of USC

*Continuing Professional Education*

## Orofacial Pain, Oral Medicine, and Sleep Apnea **2019**



Webinar  
Available

Herman Ostrow School of Dentistry of **USC**

- COURSE 1:** Temporomandibular Disorders: From Clicking to Crepitus  
(February 1, 2019)
- COURSE 2:** Exploring Myofascial Pain, Oral Motor Disorders and Headaches  
(April 12 - 13, 2019)
- COURSE 3:** Mastering Oral Pathology, Radiology, and Medicine: An Interactive  
Multidisciplinary Approach!  
(June 21, 2019)
- COURSE 4:** Sleep Breathing Disorders: Approach from Dentistry!  
(September 6 - 7, 2019)
- COURSE 5:** Dealing With Oral Neuropathies and Trigeminal Neuralgia  
(October 18, 2019)
- OPTIONAL:** Hands-On for Mini-Residency Certificate  
(May 14 - 16, 2020)

## Instructors

### Glenn Clark, DDS, MS



Professor and Director, Orofacial Pain and Oral Medicine Program, Division of Periodontology, Diagnostic Sciences & Dental Hygiene, Herman Ostrow School of Dentistry of USC.

### Parish Sedghizadeh, DDS, MS



Assistant Professor, Division of Periodontology, Diagnostic Sciences and Dental Hygiene, Herman Ostrow School of Dentistry of USC. Diplomate, American Board of Oral and Maxillofacial Pathology.

### Mariela Padilla, DDS, MED



Assistant Professor of Clinical Dentistry, Assistant Director of Distance Education Programs, Division of Periodontology, Dental Hygiene and Diagnostic Sciences.

### Kamal Al-Eryani, DDS, PhD



Assistant Professor of Clinical Dentistry, Division of Periodontology, Dental Hygiene and Diagnostic Sciences, Herman Ostrow School of Dentistry of USC.

### Rick Borquez, DDS



Clinical Assistant Professor, Division of Periodontology, Diagnostic Sciences & Dental Hygiene, Herman Ostrow School of Dentistry of USC. Diplomate of American Academy of Orofacial Pain.

### Audrey L. Boros, DDS, MSc



Assistant Professor, Department of Diagnostic Sciences. Master of Science Degree, Pathology and Molecular Medicine. Diplomate, American Board of Oral and Maxillofacial Pathology. Fellow, American Academy of Oral and Maxillofacial Pathology.

### Sal Manrriquez, DDS



Diplomate, American Board of Orofacial Pain. Fellow, American Academy of Orofacial Pain. Fellow, American Headache Society. Clinical Assistant Professor Orofacial Pain Residency Division of Periodontology, Diagnostic Sciences, and Dental Hygiene Herman Ostrow School of Dentistry of the University of Southern California.

### Mohammad Khalifeh, DDS, MS



Diplomate American Board of Orofacial Pain and Diplomate American Board of Oral Implantology. Dr. Khalifeh practices multidisciplinary dentistry in Los Angeles, California.

## Testimonials

"I was thrilled with the theoretical-clinical support in the knowledge of the oral conditions related to the temporomandibular joint provided on the course! As an orthodontics, this has helped me with new skills for the appropriate care of my patients!"

- Dr. Sabrina Arguello, Orthodontist

"Great experience! After participating in the lectures and demos with Dr. Clark, I feel better prepared to diagnose Orofacial Pain in my patients! It was a great and unique CE experience... highly recommended!"

- Dr. Ilan Grunhaus, Periodontist

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.

### COURSE 1: TEMPOROMANDIBULAR DISORDERS: FROM CLICKING TO CREPITUS

7 Continuing Education Units 

Friday, February 1, 2019. 9:00am – 5:00pm

Herman Ostrow School of Dentistry of USC

### Synopsis

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.

### Upon completion of this course participants should:

- Know the basics of TMJ anatomy and its clinical application.
- Identify the various types of TMJ disorders.
- Know the appropriate use of TMJ radiology procedures including 3D-CT, panoramic films and MRI images.
- Understand TMJ erosive conditions

### This course is intended for:

This course is for dentists and other health care professionals dealing with dysfunction of the temporomandibular joint. It will provide practical information on how to diagnose and treat TMJ internal derangement, disc dislocations, capsulitis and arthritis.



Webinar  
Available

### Webinar System Requirements:

**On a PC:** Internet Explorer 7.0 or newer, Mozilla Firefox, Google Chrome, Safari 5.0 or Higher; Windows 8, 7, Vista, XP or 2003 Server or higher; Cable modem, DSL or better Internet connection; Single Core 1 Ghz or Higher.

**On a Mac:** Mac OSX with Mac OS 10.7 or later, Safari 5.0 or newer, Firefox, or Google Chrome; Single Core 1 Ghz or Higher; Cable modem, DSL, or better Internet connection.

**Supported Tablet and Mobile Devices:** Surface PRO 2 running Win 8.1; Surface PRO running Win 10; iOS and Android devices; Blackberry devices

## Online Programs: Masters and Certificates



The online programs are specifically designed for the working full-time, practicing professional. Become an expert in the areas of Orofacial Pain, Oral Medicine, Oral Radiology, Geriatric Dentistry, Pain Medicine, and Community Oral Health.

P: 213-821-5831

E: ostrowon@usc.edu

W: ostrowon.usc.edu

Herman Ostrow School of Dentistry of USC

**COURSE 2: EXPLORING MYOFASCIAL PAIN, ORAL MOTOR DISORDERS AND HEADACHES**

14 Continuing Education Units


Friday, April 12, 2019. 9:00am – 5:00pm  
Saturday, April 13, 2019. 9:00am – 5:00pm  
Herman Ostrow School of Dentistry of USC

Synopsis

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. trigger point 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.
- Splints, types and indications.
- Myofascial pain protocol: exercises, stretching.
- TMJ mobilization methods.
- Muscle and joint injections.

- Medical history.
- Trigger point mapping.
- Muscle stretching.
- Spray and stretch technique.
- Injections (trigger points and botox)
- Splint selection and delivery.
- Physical therapy for TMD.

Upon completion of this course participants should:

- Be able to select medications for TMD.
- Be able to select a splint accordingly with a case requirement.
- Know how to describe the MFP protocol.
- Be familiar with the TMJ mobilization methods.
- Know the different injection protocols for TMD and muscle disorders.

- 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 fluorimethane and trigger point therapy.
- Know when to perform intramuscular and intra-articular injections.

This course is intended for:

This course is designed for dentists and other health care professionals dealing with orofacial myogenous pain conditions and headaches in the orofacial region.



**COURSE 3: MASTERING ORAL PATHOLOGY, RADIOLOGY, AND MEDICINE: AN INTERACTIVE MULTIDISCIPLINARY APPROACH!**

7 Continuing Education Units

Friday, June 21, 2019. 9:00am – 5:00pm  
Herman Ostrow School of Dentistry of USC

Synopsis

We welcome all dental and oral health care professionals to participate in our completely restructured and revolutionary course designed with the central concept of participant involvement. The new format will be as follows:

The morning session will consist of an interactive review of clinically relevant oral pathology and maxillofacial medicine, including:

- Principles of identification and management of clinically significant conditions affecting the oral mucosa, submucosa, salivary glands, and jawbones
- Principles of identification and management of concerning dermatologic conditions, a critical and potentially life saving instrument to have in your armamentarium
- Approach to clinical and radiographic differential diagnoses
- Presentation of newly described entities in the oral and maxillofacial pathology literature
- Address possible legal ramifications arising from failure to diagnose pathology such as cancer

The afternoon session will consist of case exemplars provided by you, the participant! This contemporary approach will:

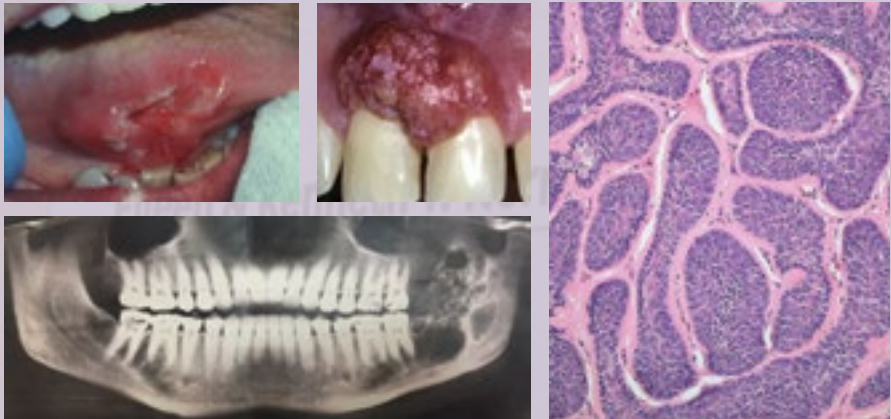
- Give the participant the opportunity to upload case information including demographics, medical history, clinical photographs, radiographs, or biopsy results to a designated Dropbox folder in advance of the course date (HIPAA compliance is required and our staff will help you with this easy process)
- Submitted cases will be reviewed by board certified faculty in the disciplines of oral pathology, oral radiology, and oral medicine
- Select cases will be presented and comprehensively discussed during the afternoon session
- Case submission is not a requirement to attend the course as we will have plenty of cases to review

Upon completion of this course participants should:

- Be comfortable identifying and managing relevant oral and maxillofacial soft and hard tissue diseases
- Be familiar with the principles of differential diagnosis and definitive diagnostic techniques
- Solidify the ability to provide optimal and comprehensive care to your patients while minimizing your risk of failure to diagnose

This course is intended for:

This course is intended for dentist and other oral health care providers interested in discussing and learning more about clinically relevant oral pathology and maxillofacial medicine through interactive participant involvement.



**COURSE 4: SLEEP BREATHING DISORDERS:  
APPROACH FROM DENTISTRY!**

**14** Continuing Education Units 

Friday, September 6, 2019. 9:00am – 5:00pm

Saturday, September 7, 2019. 9:00am – 5:00pm

Herman Ostrow School of Dentistry of USC

**Synopsis**

**Lecture**

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.

**Demonstration 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:**

- |                                                                                                                                                                                                           |                                                                                                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>• Chronic snoring</li><li>• Chronic Obstructive Sleep Apnea (OSA)</li><li>• Ordering and interpreting 3-D airway images</li><li>• Medications used in OSA</li></ul> | <ul style="list-style-type: none"><li>• Examination methods for OSA/snoring</li><li>• Ordering polysomnography</li><li>• Take-home Oximetry</li><li>• Smart phone apps for snoring/Oxymeter</li></ul> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**Upon completion of this course participants should:**

- |                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>• Understand the anatomy, physiology and pathobiology of the obstructive sleep apnea</li><li>• Be able to apply diagnostic methods used to detect and quantify obstructive apnea disorders</li><li>• Understand the current therapies used for these problems</li><li>• Know the latest medications that are used for managing both snoring and obstruction</li></ul> | <ul style="list-style-type: none"><li>• Be able to use portable take-home recording devices for assessing the ongoing success or failure of the treated case</li><li>• Analyze a PSG report</li><li>• Select the dental device accordingly with the case indications (Herbst or TAP device) for OSA and snoring</li></ul> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**This course is intended for:**

This course is designed for dentists and other health care professionals dealing with sleep breathing disorders. It will provide general information on how to diagnose conditions such as OSA, and when an intraoral appliance is indicated.



**COURSE 5: DEALING WITH ORAL NEUROPATHIES AND  
TRIGEMINAL NEURALGIA**

**7** Continuing Education Units 

Friday, October 18, 2019. 9:00am – 5:00pm

Herman Ostrow School of Dentistry of USC

**Synopsis**

This course focuses on Chronic Orofacial Pain (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. Lectures will also focus on the appropriate pharmacologic, behavioural, surgical, and physical medicine management procedures 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.

**Topics to be covered:**

- |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>• Chronic orofacial pains (trigeminal neuralgias, neuromas and neuropathies)</li><li>• Pain disorders which mimic Temporomandibular Disorder (TMD) and cause orofacial pain</li><li>• Medications commonly used for pain</li><li>• Examination methods for chronic pain</li><li>• Know the neuroanatomy, neurophysiology and pathobiology of the trigeminal nociceptive system</li><li>• Understand neurogenous and diseases</li></ul> | <ul style="list-style-type: none"><li>• Be able to conduct a differential diagnosis of neurogenous and disorders</li><li>• Be familiar with the latest medications used for managing</li><li>• Medications used in dentistry and the Law: What can be prescribed and what not?</li><li>• Metabolism of medications including liver enzymes systems</li><li>• Non-pharmacologic therapies for OFP</li><li>• Current approaches for treating non-malignant chronic orofacial pain</li></ul> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**This course is intended for:**

This course is designed for dentists and other health care professionals dealing with chronic pain conditions and dysfunction of the orofacial region. It will focus on treatment strategies and pharmacological management.



# REGISTRATION FORM

First Name \_\_\_\_\_ Last Name \_\_\_\_\_  
 Title \_\_\_\_\_ Specialty \_\_\_\_\_ Dental License # \_\_\_\_\_  
 Address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
 Phone \_\_\_\_\_ Fax \_\_\_\_\_  
 E-Mail \_\_\_\_\_

Meal Preference? ☐ Vegetarian ☐ No Preference  
☐ Mastercard ☐ Visa ☐ Check Enclosed (Payable to USC School of Dentistry)

Card Number \_\_\_\_\_ Exp. Date \_\_\_\_\_

Total Payment \$ \_\_\_\_\_

☐ In Person ☐ Live Webinar

How did you hear about this course? \_\_\_\_\_

| COURSE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | TUITION BEFORE                                                                                             | TUITION AFTER                                                                                              | PAYMENT |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|---------|
| Course 1:<br>Temporomandibular Disorders: From Clicking to Crepitus                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Jan 1, 2019</b><br>Dentist: \$295<br>Dentist Webinar: \$240<br>Auxiliary: \$255<br>Aux Webinar: \$180   | <b>Jan 1, 2019</b><br>Dentist: \$315<br>Dentist Webinar: \$310<br>Auxiliary: \$270<br>Aux Webinar: \$240   |         |
| Course 2:<br>Exploring Myofascial Pain, Oral Motor Disorders and Headaches                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Mar 1, 2019</b><br>Dentist: \$495<br>Dentist Webinar: \$420<br>Auxiliary: \$425<br>Aux Webinar: \$360   | <b>Mar 1, 2019</b><br>Dentist: \$575<br>Dentist Webinar: \$490<br>Auxiliary: \$495<br>Aux Webinar: \$420   |         |
| Course 3:<br>Mastering Oral Pathology, Radiology, and Medicine: An Interactive Multidisciplinary Approach!                                                                                                                                                                                                                                                                                                                                                                                             | <b>June 1, 2019</b><br>Dentist: \$315<br>Auxiliary: \$255                                                  | <b>June 1, 2019</b><br>Dentist: \$365<br>Auxiliary: \$290                                                  |         |
| Course 4:<br>Sleep Breathing Disorders: Approach from Dentistry!                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Aug 1, 2019</b><br>Dentist: \$495<br>Dentist Webinar: \$420<br>Auxiliary: \$425<br>Aux Webinar: \$360   | <b>Aug 1, 2019</b><br>Dentist: \$575<br>Dentist Webinar: \$490<br>Auxiliary: \$495<br>Aux Webinar: \$420   |         |
| Course 5:<br>Dealing with Oral Neuropathies and Trigeminal Neuralgia                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Sept 15, 2019</b><br>Dentist: \$295<br>Dentist Webinar: \$240<br>Auxiliary: \$255<br>Aux Webinar: \$180 | <b>Sept 15, 2019</b><br>Dentist: \$315<br>Dentist Webinar: \$310<br>Auxiliary: \$270<br>Aux Webinar: \$240 |         |
| Enrollment in any 3 courses                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>5% Off Total Tuition</b>                                                                                |                                                                                                            |         |
| Enrollment in all 5 courses                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>10% Off Total Tuition</b>                                                                               |                                                                                                            |         |
| Optional: Hands-On for Mini-Residency Certificate                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Participants must have completed 3 of the course's series.</b>                                          |                                                                                                            |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>Before Apr 15, 2020</b><br>\$1,600<br>(2-day Hands-On in 2020)                                          | <b>After Apr 15, 2020</b><br>\$1,900<br>(2-day Hands-On in 2020)                                           |         |
| FREE to cancel the course 4 weeks prior to start date. 75% refund for cancellation 3 weeks prior, 50% refund for cancellation 2 weeks prior, 25% refund for cancellation 1 week prior. No refund for cancellation less than 7 days prior to start date. No penalty charges for course exchange upon approval. No refund will be issued for Video on Demand courses except for course exchange upon approval. Cancellation fees may vary for Parenteral Moderate Sedation and Travel and Learn Courses. |                                                                                                            | <b>TOTAL TUITION FEES:</b>                                                                                 |         |

Please mail or fax your registration form to:

Herman Ostrow School of Dentistry of USC, Continuing Professional Education.

925 W. 34th Street, Room 4116, Los Angeles, CA 90089-0641.

Tel: 213.821.2127. Fax: 213.740.3973. Email: [cedental@usc.edu](mailto:cedental@usc.edu)

Online Registration at [dentalcontinuingeducation.usc.edu](http://dentalcontinuingeducation.usc.edu)

Like us on Facebook [www.facebook.com/USCdentalece/](https://www.facebook.com/USCdentalece/)

\*If you need additional registration form, please xerox this form.

