

Herman Ostrow School of Dentistry of USC

Continuing Professional Education

Orofacial Pain, Oral Medicine, and Sleep Apnea 2018



Webinar
Available

Herman Ostrow School of Dentistry of USC

- COURSE 1:** Temporomandibular Disorders: From Capsulitis to Arthritis
(Lecture - January 19, 2018)
- COURSE 2:** Interventions for TMD, Myofascial Pain and Headaches
(Lecture & Demonstration Workshop - March 23 - 24, 2018)
- COURSE 3:** Mastering Oral Pathology, Radiology, and Medicine: An Interactive and Participant Case Based Multidisciplinary Approach!
(Lecture - June 22, 2018)
- COURSE 4:** Sleep Breathing Disorders: Approach from Dentistry!
(Lecture & Demonstration Workshop - September 7 - 8, 2018)
- COURSE 5:** Orofacial Pain: When, How and What to Treat
(Lecture - October 19, 2018)
- OPTIONAL:** Hands-On for Mini-Residency Certificate
(May 7 - 9, 2019)

★ *Life-Long Tradition and Excellence* ★

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.

Mariela Padilla, DDS, MEd



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

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.

Sal Manriquez, DDS



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

American Academy of Orofacial Pain and the American Headache Society.

Mohammad Khalifeh, DDS, MS



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

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.

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.

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.

Jack Broussard, DDS



Associate Clinical Professor, Division of Primary Oral Health Care, Herman Ostrow School of Dentistry of USC. Diplomate of American Academy of Orofacial Pain.

Steven Richeimer, MD



Director, USC Pain Management Los Angeles, California, USA. Associate Clinical Professor, Departments of Anesthesiology and Psychiatry, USC Keck School of Medicine.

Terese C. Hammond, MD



Assistant Professor of Pulmonary, Critical Care and Sleep Medicine at USC. Medical Director of the USC Sleep Center and fellowship director of the Pulmonary, Critical Care and Sleep Medicine training programs.

"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 CAPSULITIS TO ARTHRITIS

7 Continuing Education Units

Friday, January 19, 2018. 9:00am – 5:00pm: Lecture

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.
- 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.

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 clinicians who would like to become experts in the areas of Orofacial Pain, Oral Medicine, Geriatric Dentistry or Pain Medicine.

P: 213-821-5831

E: OFPOM@usc.edu; geriden@usc.edu; painmed@usc.edu

W: dentistry.usc.edu/distance-learning

Herman Ostrow School of Dentistry of **USC**

COURSE 2: INTERVENTIONS FOR TMD, MYOFASCIAL PAIN AND HEADACHES

14 Continuing Education Units

Friday, March 23, 2018. 9:00am – 5:00pm: Lecture

Saturday, March 24, 2018. 9:00am – 5:00pm (includes demonstration)

Herman Ostrow School of Dentistry of USC

Synopsis

INTERVENTIONS FOR TMD: PHYSICAL THERAPY, INJECTIONS AND SPLINTS

Lecture

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.

INTERVENTIONS FOR MYOFASCIAL PAIN AND HEADACHES

Demonstration Workshop

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 injection techniques (performed in anatomical models).



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.
- Trigger points.
- Botox injections.
- 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 AND PARTICIPANT CASE BASED MULTIDISCIPLINARY APPROACH!

7 Continuing Education Units

Friday, June 22, 2018. 9:00am – 5:00pm: Lecture

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:

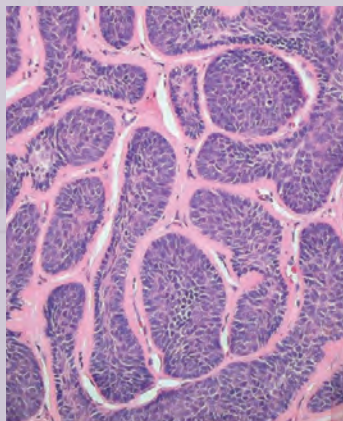
- Give the participant the opportunity to upload case information including demographics, medical history, clinical photographs, radiographs, or biopsy results to a designated Dropbox folder in advance of the course date (HIPAA compliance is required and our staff will help you with this easy process)
- 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 7, 2018. 9:00am – 5:00pm: Lecture

Saturday, September 8, 2018. 9:00am – 5:00pm (includes demonstration)

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:

- Chronic snoring
- Chronic Obstructive Sleep Apnea (OSA)
- Ordering and interpreting 3-D airway images
- Medications used in OSA

- Examination methods for OSA/snoring
- Ordering polysomnography
- Take-home Oximetry
- Smart phone apps for snoring/Oxymeter

Upon completion of this course participants should:

- Understand the anatomy, physiology and pathobiology of the obstructive sleep apnea
- Be able to 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

- Be able to 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

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: OROFACIAL PAIN: WHEN, HOW AND WHAT TO TREAT

7 Continuing Education Units

Friday, October 19, 2018. 9:00am – 5:00pm: Lecture

Herman Ostrow School of Dentistry of USC

Synopsis

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 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. 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:

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| <ul style="list-style-type: none">• 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• 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• Understand how neurovascular headaches can convert from episodic to chronic | <ul style="list-style-type: none">• Be familiar with the latest medications used for managing both neurovascular and neurogenous pain• 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• Current approaches for treating non-malignant chronic orofacial pain |
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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 \$ _____

How did you hear about this course? _____

COURSE	TUITION BEFORE	TUITION AFTER	PAYMENT
Course 1: Temporomandibular Disorders: From Capsulitis to Arthritis	December 1, 2017 Lecture Only: Dentist: \$275 Dentist Webinar: \$220 Auxiliary: \$235 Aux Webinar: \$160	December 1, 2017 Lecture Only: Dentist: \$295 Dentist Webinar: \$290 Auxiliary: \$250 Aux Webinar: \$220	
Course 2: Interventions for TMD, Myofascial Pain and Headaches	Mar 1, 2018 Lecture Only: Dentist \$495 Dentist Webinar: \$420 Auxiliary \$425 Aux Webinar: \$360	Mar 1, 2018 Lecture Only: Dentist: \$575 Dentist Webinar: \$490 Auxiliary: \$495 Aux Webinar: \$420	
Course 3: Mastering Oral Pathology, Radiology, and Medicine	June 1, 2018 Lecture Only: Dentist: \$295 Dentist Webinar: \$255 Auxiliary: \$235 Aux Webinar: \$205	June 1, 2018 Lecture Only: Dentist: \$345 Dentist Webinar: \$295 Auxiliary: \$270 Aux Webinar: \$235	
Course 4: Sleep Breathing Disorders: Approach from Dentistry!	Aug 1, 2018 Lecture Only: Dentist: \$495 Dentist Webinar: \$420 Auxiliary: \$425 Aux Webinar: \$360	Aug 1, 2018 Lecture Only: Dentist: \$575 Dentist Webinar: \$490 Auxiliary: \$495 Aux Webinar: \$420	
Course 5: Orofacial Pain: When, How and What to Treat	Sept 15, 2018 Lecture Only: Dentist \$275 Dentist Webinar: \$220 Auxiliary \$235 Aux Webinar: \$160	Sept 15, 2018 Lecture Only: Dentist \$295 Dentist Webinar: \$290 Auxiliary \$250 Aux Webinar: \$220	
Enrollment in any 3 courses	5% Off Total Tuition		
Enrollment in all 5 courses	10% Off Total Tuition		
Optional: Hands-On for Mini-Residency Certificate	Participants must have completed 4 of the course's series.		
	Before April 1, 2018 \$1,600 (2-day Hands-On in 2019)	After April 1, 2018 \$1,900 (2-day Hands-On in 2019)	
Refunds are granted only if a written cancellation notification is received at least 21 days before the course. 50% of the tuition minus processing fee will be refunded if cancellation occurs within 14 days before this course. No refund is granted afterwards. A \$100 fee is withheld for processing.	TOTAL TUITION FEES:		

Please mail or fax your registration form to:
 Herman Ostrow School of Dentistry of USC, Continuing Professional Education,
 925 W. 34th Street, Room 201J, Los Angeles, CA 90089-0641.
 Tel: 213.821.2127. Fax: 213.740.3973. Email: cedental@usc.edu
 Online Registration at dentalcontinuingeducation.usc.edu
 Like us on Facebook www.facebook.com/USCdentalCE/
 *If you need additional registration form, please xerox this form.

