

Herman Ostrow School of Dentistry of USC

Continuing Professional Education

Orofacial Pain, Oral Medicine, and Sleep Apnea

2017



Webinar
Available

Herman Ostrow School of Dentistry of **USC**

- COURSE 1:** Temporomandibular Disorders: From Capsulitis to Arthritis
(Lecture - February 3, 2017)
- COURSE 2:** Interventions for TMD, Myofascial Pain and Headaches
(Lecture & Demonstration Workshop - March 24 - 25, 2017)
- COURSE 3:** Common Oral Lesions: Soft and Hard Tissue Diseases
(Lecture & Hands-On - March 31, 2017)
- COURSE 4:** Sleep Breathing Disorders: Approach from Dentistry!
(Lecture & Demonstration Workshop - September 8 - 9, 2017)
- COURSE 5:** Orofacial Pain: When, How and What to Treat
(Lecture - October 20, 2017)
- OPTIONAL:** Hands-On for Mini-Residency Certificate
(May 2018)

WELCOME

It is with great pleasure that we invite you to attend one or maybe all of our continuing education courses that we provide each year in Orofacial Pain and Oral Medicine. We have an excellent group of faculty who will guide, entertain and certainly educate you. There are 5 courses on various topics and a hands-on workshop program that will get you started towards your goal to become an expert in this field.



Dr. Glenn Clark (Course Director)

Course	Dates/Time	Tuition
Course 1: Temporomandibular Disorders: From Capsulitis to Arthritis (7 CE Units)	Lecture Friday, Feb 3, 2017 9:00am - 5:00pm Los Angeles (USC)	Before/After Jan 1, 2017 In Person: Dentist \$275/\$295, Aux \$235/\$250 Webinar: Dentist \$220/\$290, Aux \$160/\$220
Course 2: Interventions for TMD, Myofascial Pain and Headaches (14 CE Units)	Lecture Friday, Mar 24, 2017 9:00am - 5:00pm Demonstration Workshop Saturday, Mar 25, 2017 9:00am - 5:00pm Los Angeles (USC)	Before/After Mar 1, 2017 In Person: Dentist \$495/\$575, Aux \$425/\$495 Webinar: Dentist \$420/\$490, Aux \$360/\$420
Course 3: Common Oral Lesions: Soft and Hard Tissue Diseases (7 CE Units)	Lecture March 31, 2017, 9:00am - 5:00pm Los Angeles (USC)	Before/After Mar 1, 2017 In Person: Dentist \$295/\$345, Aux \$235/\$270 Webinar: Dentist \$220/\$290, Aux \$160/\$220
Course 4: Sleep Breathing Disorders: Approach from Dentistry! (14 CE Units)	Lecture Friday, Sept 8, 2017 9:00am - 5:00pm Hands-On Workshop Friday, Sept 9, 2017 9:00am - 5:00pm Los Angeles (USC)	Before/After Aug 1, 2017 In Person: Dentist \$495/\$575, Aux \$425/\$495 Webinar: Dentist \$420/\$490, Aux \$360/\$420
Course 5: Orofacial Pain: When, How and What to Treat (7 CE Units)	Lecture Friday, Oct 20, 2017 9:00am - 5:00pm Los Angeles (USC)	Before/After Sept 15, 2017 In Person: Dentist \$275/\$295, Aux \$235/\$250 Webinar: Dentist \$220/\$290, Aux \$160/\$220
OPTIONAL: Hands-On for Mini-Residency Certificate	Hands-On May 2018 Los Angeles (USC)	TBA

COURSE 1: TEMPOROMANDIBULAR DISORDERS: FROM CAPSULITIS TO ARTHRITIS

7 Continuing Education Units

Friday, February 3, 2017. 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.

Tuition

Before/After Jan 1, 2017

In Person: Dentist \$275 / \$295, Aux \$235 / \$250

Webinar: Dentist \$220 / \$290, Aux \$160 / \$220



**Webinar
Available**

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.

Online Programs: Masters and Certificates



The online programs are specifically designed for the working full-time practicing dentists who would like to become experts in the areas of Orofacial Pain, Oral Medicine, or Geriatric Dentistry.

P: 213-821-5831

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W: OFPOM.usc.edu; geriden.usc.edu

Herman Ostrow School of Dentistry of USC

COURSE 2: INTERVENTIONS FOR TMD, MYOFASCIAL PAIN AND HEADACHES

14 Continuing Education Units

Friday, March 24, 2017. 9:00am – 5:00pm: Lecture

Saturday, March 25, 2017. 9:00am – 5:00pm: Demonstration Workshop

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

This hands-on course 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:

- 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.

- 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.
- Understand the role of the behavioral therapy 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.

Tuition

Before/After Mar 1, 2017

In Person: Dentist \$495 / \$575, Aux \$425 / \$495

Webinar: Dentist \$420 / \$490, Aux \$360 / \$420

COURSE 3: COMMON ORAL LESIONS: SOFT AND HARD TISSUE DISEASES

Dr. Parish Sedghizadeh

7 Continuing Education Units

Friday, March 31, 2017. 9:00am – 5:00pm: Lecture

Herman Ostrow School of Dentistry of USC

Synopsis

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
- Recognize and evaluate salivary gland disease
- Become familiar with skin pathology affecting the face
- Know the concepts of treatment and management of soft and hard tissue disease

Tuition

Before/After Mar 1, 2017

In Person: Dentist \$295 / \$345, Aux \$235 / \$270

Webinar: Dentist \$220 / \$290, Aux \$160 / \$220

COURSE 4: SLEEP BREATHING DISORDERS: APPROACH FROM DENTISTRY!

14 Continuing Education Units

Friday, September 8, 2017. 9:00am – 5:00pm: Lecture

Saturday, September 9, 2017. 9:00am – 5:00pm: Demonstration Workshop

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

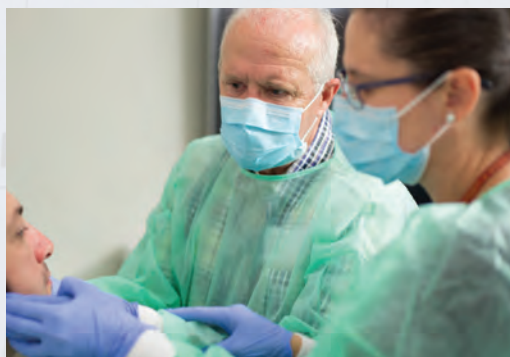
- Be able to use portable take-home recording devices for assessing the ongoing success or failure of the treated case
- Analyze a PSG report
- Select the dental device accordingly with the case indications (Herbst or TAP device) for OSA and snoring

Tuition

Before/After Aug 1, 2017

In Person: Dentist \$495 / \$575, Aux \$425 / \$495

Webinar: Dentist \$420 / \$490, Aux \$360 / \$420



COURSE 5: OROFACIAL PAIN: WHEN, HOW AND WHAT TO TREAT

7 Continuing Education Units

Friday, October 20, 2017. 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• 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 | <ul style="list-style-type: none">• 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) |
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Tuition

Before/After Sept 15, 2017

In Person: Dentist \$275 / \$295, Aux \$235 / \$250

Webinar: Dentist \$220 / \$290, Aux \$160 / \$220



SPEAKERS

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.

Jack Broussard, DDS



Associate Clinical Professor, Division of Primary Oral Health Care, Herman Ostrow School of Dentistry of USC.

Sal Manrriquez, DDS



Associate 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 American Headache Society.

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.

Steven Richeimer, DDS, MS



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

“Dr. Glenn Clark is a very motivated, knowledgeable speaker who has a very strong passion for what he is teaching. It is a great experience to witness his enthusiasm, and to hear him share the wealth of his knowledge in the material he is teaching.” - Dr. Anthony Ellenikiotis

“Great course with a solid scientific foundation to understand the TMJ disease process and practical real world clinical treatment instruction and options!” - Anonymous

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	January 1, 2017 Lecture Only: Dentist \$275 W: \$220 Aux \$235 W: \$160	January 1, 2017 Lecture Only: Dentist \$295 W: \$290 Aux \$250 W: \$220	
Course 2: Interventions for TMD, Myofascial Pain and Headaches	Mar 1, 2017 Lecture Only: Dentist \$495 W: \$420 Aux \$425 W: \$360	Mar 1, 2017 Lecture Only: Dentist \$575 W: \$490 Aux \$495 W: \$420	
Course 3: Common Oral Lesions: Soft and Hard Tissue Diseases	Mar 1, 2017 Lecture Only: Dentist \$295 W: \$220 Aux \$235 W: \$160	Mar 1, 2017 Lecture Only: Dentist \$345 W: \$290 Aux \$270 W: \$220	
Course 4: Sleep Breathing Disorders: Approach from Dentistry!	Aug 1, 2017 Lecture Only: Dentist \$495 W: \$420 Aux \$425 W: \$360	Aug 1, 2017 Lecture Only: Dentist \$575 W: \$490 Aux \$495 W: \$420	
Course 5: Orofacial Pain: When, How and What to Treat	Sept 15, 2017 Lecture Only: Dentist \$275 W: \$220 Aux \$235 W: \$160	Sept 15, 2017 Lecture Only: Dentist \$295 W: \$290 Aux \$250 W: \$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	\$1,600 (2-day Hands-On in 2018) Participant must have completed 4 of the course's series.		
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/USCdentCE/
 *If you need additional registration form, please xerox this form.



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Continuing Professional Education

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