

NEW CONSIDERATIONS IN OROFACIAL PAIN

What You Will Learn

The morning session will highlight two speakers. Dr. Patrick Sammon will begin the program with a review of the brain effects of certain medications and the risks involving drug addiction. Our second speaker will be Dr. Juan F. Yepes. Dr. Yepes will discuss how cone beam technology is assisting the orofacial pain dentist in the diagnosis and management of patients.

The afternoon session will begin with Dr. Cristina Perez who will discuss bruxism in children. This will be followed by Dr. Charley Carlson who will discuss the relationships between Post Traumatic Stress Disorder (PTSD) and chronic orofacial pain. Dr. Jeffrey Okeson will then follow with current information regarding the diagnosis and management of neuropathic pain disorders that occur in the orofacial structures. The afternoon session will conclude with the presentations of some clinical cases with discussions by the University of Kentucky Orofacial Pain Faculty. Course participants will be encouraged to interact in the discussion.

Program Agenda

8 am Registration and Continental Breakfast  
8:30 am “ADDICTION IS A BRAIN DISEASE AND IT MATTERS”  
*Patrick J. Sammon, PhD*  
Brain research has made extraordinary advances into the mechanisms of how psychoactive addictive drugs produce long-term changes in the reward circuitry of the brain which leads to compulsive drug seeking behavior. Knowledge of this process will improve our recognition and treatment of drug users and reduce relapse in these patients. Emphasis will be placed on increasing the participant’s skills and abilities to understand the mechanisms of the disease, know the risks associated with drug use, improve assessment and minimize relapse in recovering patients.

10:15 am Break  
10:30 am USING CONE BEAM TECHNOLOGY FOR OROFACIAL PAIN DISORDERS  
*Juan F. Yepes, DDS, MD, MPH*  
New technology often offers more complete information for the clinician. This is certainly the case with Cone Beam Imaging. This presentation will demonstrate how this new technology can provide the clinician with new insights regarding many types of orofacial pain disorders. Clinical cases will be presented demonstrating the usefulness of these images.

Noon Lunch  
1:00 pm BRUXISM IN CHILDREN  
*Cristina Perez, DDS*  
Parents frequently report to the dentist that their children are bruxing their teeth. The dentist needs to be able to respond to these inquiries based on sound data. This presentation will review the literature regarding bruxism in children and discuss the possible etiologies, prevalence and available management options.

1:45 pm POST TRAUMATIC STRESS DISORDERS AND OROFACIAL PAIN  
*Charley Carlson, PhD*  
There are orofacial pain patients who report a history of significant life stressors that involve actual or threatened death, serious injury, or threat to the physical integrity of self or others that is accompanied by a response of fear, helplessness or horror. When the personal consequences of such an event persist for longer than one month and interfere with normal functioning, there is the possibility that the individual is experiencing Post Traumatic Stress Disorder (PTSD). This presentation will review recent research related to PTSD that has been conducted in the Orofacial Pain Center and discuss implications for the dentist who may be managing patients who have had or are currently experiencing PTSD.

2:30 pm Break  
2:45 pm NEUROPATHIC PAINS: WHAT THE DENTIST NEEDS TO KNOW  
*Jeffrey P. Okeson, DMD*  
In recent years there has been considerable advancements in the field of orofacial pain. One of the areas receiving much attention is neuropathic pain. This presentation will review the pathophysiology of neuropathic pain and some of the common presentations in the orofacial structures. Management considerations will also be discussed. Presentations of orofacial pain clinical cases with discussion from a panel and the course participants.

3:30 pm Questions and Answers and Closing Remarks  
4:15 pm Adjournment  
4:30 pm

Special Benefits

- At the conclusion of this presentation, each participant should be able to:
- Know how psychoactive drugs affect the brain’s reward system and how this can lead to abuse and compulsive drug seeking behavior.
  - Increase his/her skills and abilities to recognize the signs and symptoms, behavior effects and progression of addictive drug use and abuse.
  - Know how cone beam imaging can assist the practice of dentistry.
  - Understand which patients may benefit from cone beam imaging.
  - Know how to discuss childhood bruxism and its management with the parent.
  - Describe the association between Post Traumatic Stress Disorders and chronic orofacial pain.
  - Understand the basic mechanisms responsible for neuropathic pain in the orofacial structures.
  - Gain insights into the management of neuropathic pain.
  - Discuss the diagnosis and management considerations for several clinical cases presented.

Hotel Information

A limited number of overnight rooms have been reserved for this meeting at the Marriott Griffin Gate Resort for April 9-10, 2009. Reservations for overnight accommodations are \$189 single or double occupancy. Please make your reservations before the cut-off date of March 5, 2009. Call (800) 228-9290 for reservations. Mention University of Kentucky College of Dentistry when making your reservations.

Speakers

**Patrick J. Sammon, PhD**, is a professor emeritus, Department of Oral Health Science, University of Kentucky College of Dentistry and Department of Physiology, University of Kentucky College of Medicine. He has served with the Advisory Committee on Chemical Dependence Issues, Council on Dental Practice American Dental Association and was a consultant and trainer for the Center for Substance Abuse Prevention Medical Specialty Program. Dr. Sammon is also a trainer for the Counter Drug Task Force Training Programs in St. Petersburg, Florida.

**Juan F. Yepes, DDS, MD, MPH**, is an assistant professor in the Division of Oral Diagnosis, Oral Medicine and Radiology at the University of Kentucky College of Dentistry. He holds a joint appointment in the Department of Diagnostic Radiology at the University of Kentucky College of Medicine. Dr. Yepes is a Diplomate of the American Board of Oral Medicine and completed at MPH with emphasis in epidemiology at the UK College of Public Health.

**Christina Perez, DDS**, is a full time resident in the University of Kentucky Orofacial Pain Program. Dr. Perez graduated from the University of Concepcion, Concepcion, Chile, where she also received graduate training in Pediatric Dentistry. She was a faculty member at the University of Concepcion prior to joining the UK Residency program.

## 21<sup>st</sup> ANNUAL OROFACIAL PAIN ALUMNI SYMPOSIUM:

Friday, April 10, 2009  
8:30 am – 4:30 pm

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**Charley Carlson, PhD, ABPP**, is currently Robert H. and Anna B. Culton Professor of Psychology, chair of the Department of Psychology and is jointly appointed in the College of Dentistry, Department of Oral Health Science. He is the Director of Research in the UK Orofacial Pain Center and serves on the Journal Committee for the *Journal of Orofacial Pain*. He is an active researcher with his primary interests focusing on the role of the autonomic nervous system in the mediation of pain in the shoulder and neck regions. He is the recipient of the “Psychologist of the Year” award presented by the Kentucky Psychological Association in 2007.

**Jeffrey P. Okeson, DMD**, is the Program Director of the Orofacial Pain Graduate Training Program at the University of Kentucky. His textbook, Management of Temporomandibular Disorders, is presently in its sixth edition and is used in most dental schools in the United States. It has been translated into 11 languages for use in other countries. Dr. Okeson has also authored the sixth edition of Bell's Orofacial Pains. He is past President and Fellow of the American Academy of Orofacial Pain and past President and founding Diplomate of the American Board of Orofacial Pain.

### Program Information

- Time:** Registration – 8:00 am; Course – 8:30 am – 4:30 pm  
**Location:** Marriott Griffin Gate Resort  
1800 Newtown Pike  
Lexington, KY
- Tuition:** **Before March 27** - \$225 dentist; \$110 auxiliary;  
\$85 auxiliary w/dentist  
**After March 27** - \$245 dentist; \$125 auxiliary;  
\$105 auxiliary w/dentist  
(continental breakfast and lunch included)
- CDE Credits: 6 hours (Scientific/Category B)**  
**Register by March 27, 2009**