

**TEMPOROMANDIBULAR DISORDERS AND OROFACIAL PAIN**

A one week, 35 hour, complete experience in the area of TMD and Orofacial Pain  
University of Kentucky Orofacial Pain Center Faculty

**What You Will Learn**

The management of temporomandibular disorders (TMD) and orofacial pain is a complex problem in dentistry. This complexity arises from the many problems that can be associated with masticatory function. In order to effectively manage TMD and orofacial pain disorders the clinician must be able to recognize these disorders from other orofacial pain disorders so that correct treatment can be selected. This course will be a comprehensive review of the multiple factors that relate to TMD and orofacial pain disorders. Treatments based on sound scientific principles will be presented. Emphasis will be placed on diagnosis so that correct therapy will be selected for each patient. The role of each dental and medical specialty in the management of orofacial pain will be discussed. This course will benefit all practitioners interested in managing temporomandibular disorders and orofacial pain. In addition, participants will be provided an introduction to the management of patients with snoring and obstructive sleep apnea by the use of oral appliances.

**Special Benefits**

- Differentiate temporomandibular disorders from other orofacial pain disorders.
- Understand the relationship between occlusion, bruxism and temporomandibular disorders.
- Understand the relationship between cervical disorders and orofacial pain disorders.
- Take a comprehensive pain history and complete a thorough examination for temporomandibular disorders and orofacial pain disorders.
- Understand the role of imaging in the diagnosis of temporomandibular disorders.
- Understand the role of the clinical psychologist in managing orofacial pain disorders.
- Understand the role of the physical therapist in managing orofacial pain disorders.
- Understand the role of pharmacology in managing orofacial pain disorders.
- Understand the role of oral appliances in the treatment of snoring and obstructive sleep apnea.

**Schedule to Lecture Topics****Monday, May 18, 2009**

8:30 AM	Welcome, Introduction and Orientation to Program
9:00 AM	Understanding orofacial pain and temporomandibular disorders Considerations of the differential diagnosis of orofacial pain <i>Jeffrey P Okeson, DMD</i>
10:15 AM	Break
10:30 AM	History and examination of the TMD/orofacial pain patient <i>Reny de Leeuw, DDS, PhD</i>
12:00 PM	Lunch
1:00 PM	Understanding pain referral in the head and neck Etiologic considerations of temporomandibular disorders <i>Jeffrey P. Okeson, DMD</i>
2:45 PM	Break
3:00 PM	Understanding the psychology of orofacial pain <i>Charles R. Carlson, PhD</i>
4:30 PM	Questions and Answers

**Tuesday, May 19, 2009**

8:30 AM	Physical self regulation for the chronic orofacial pain patient <i>Charles R. Carlson, PhD</i>
10:00 AM	Break
10:15 AM	The controversies associated with orthopedic stability: What is the best joint position? <i>Jeffrey P. Okeson, DMD</i>
12:00 PM	Lunch
1:00 PM	The role of occlusion in temporomandibular disorders <i>Jeffrey P. Okeson, DMD</i>
2:45 PM	Break
3:00 PM	The biomechanics of normal and abnormal TMJs function <i>Jeffrey P. Okeson, DMD</i>
4:30 PM	Questions and Answers

**Wednesday, May 20, 2009**

8:30 AM	Sleep and Sleep Disorders <i>Barbara Phillips, MD, Director of UK Sleep Laboratory</i>
10:00 AM	Break
10:15 AM	Diagnostic and therapeutic use of local anesthetic blocks for orofacial pain. <i>Jeffrey P. Okeson, DMD</i>
12:00 PM	Lunch
1:00 PM	Considerations of cervical pain input in orofacial pain patients Evaluation and management by the physical therapist <i>Anne Harrison, PT, PhD</i>
2:30 PM	Break
2:45 PM	Differential diagnosis of myogenous disorders Management of muscle pain disorders <i>Jeffrey P. Okeson, DMD</i>
4:30 PM	Questions and Answers

**Thursday, May 21, 2009**

8:30 AM	Pharmacologic considerations in orofacial pain <i>Reny de Leeuw, DDS, PhD</i>
10:00	Break
10:15 AM	Imaging of the TMJs and associated structures <i>Juan Yepes, DDS, MD, MS</i>
12:00 PM	Lunch
1:00 PM	Medical hypnosis for the chronic orofacial pain patient <i>Lyle Carlson, PhD</i>

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## cont.

2:00 PM	An update of bruxism <i>Donald Falace, DMD</i>
3:00 PM	Break
3:15 PM	Appliance therapy for TMD <i>Jeffrey P. Okeson,</i>
4:30 PM	Questions and Answers

## Friday, May 22, 2009

8:30 AM	Managing snoring and sleep disorders in the dental practice <i>Donald Falace, DMD</i>
10:00 AM	Break
10:15 AM	The management of intracapsular disorders <i>Jeffrey P. Okeson, DMD</i>
12:00 PM	Lunch
1:00 PM	The non-odontogenic toothache: Diagnosis and management <i>Jeffrey P. Okeson, DMD</i>
3:00 PM	Break
3:15 PM	Topics selected by participants
4:30 PM	Adjournment

*Topics and timing subject to change*

The program will be given on the campus at the University of Kentucky in Lexington, Kentucky. The tuition for this one week 35 lecture hour program is \$1,395. You can register for this program by contacting Elaine Stafford at the University of Kentucky College of Dentistry, Office of Continuing Education at (859) 323-8187 or email at [ejstaf1@email.uky.edu](mailto:ejstaf1@email.uky.edu).

## About the Faculty

## Jeffrey P. Okeson, DMD - Program Director

Dr. Okeson is a 1972 graduate of the University of Kentucky College of Dentistry. After a hospital based dental internship with the Public Health Service, he joined the faculty of the University of Kentucky in 1974. In 1977, he founded the Orofacial Pain Center. 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 eleven languages for use in other countries. Dr. Okeson has also authored the sixth edition of *Bell's Orofacial Pains*. In addition to these two texts and more than 200 other publications, Dr. Okeson is the editor of the American Academy of Orofacial Pain's guidelines on orofacial pain. 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. Dr. Okeson has been very active nationally in the development of graduate training in the area of orofacial pain. He has presented more than 700 invited lectures on the subject of TMD and orofacial pain in 48 states and in 45 foreign countries.

## Reny de Leeuw, DDS, Ph.D. – Chief, Division of Orofacial Pain

Dr. de Leeuw is a graduate of the University of Groningen, School of Dentistry in Groningen, The Netherlands. She completed a five-year Ph.D. Program at the University of Groningen in 1994. Her dissertation investigated the long-term outcome of osteoarthritis and internal

derangements of the TMJ. She has published several research articles on this topic in international journals. She completed a three-year Certificate Program in Orofacial Pain at the University of Kentucky Orofacial Pain Center. Dr. de Leeuw joined the faculty full-time in 1998. Her present research interests are in the analysis of brain activity in chronic orofacial pain patients using functional MRI.

Charles R. Carlson, Ph.D. ABPP – Director of Behavioral Medicine  
Director of Research

Dr. Carlson received a Ph.D. in Clinical Psychology from Vanderbilt University in 1983, and completed a clinical residency at the University of Mississippi Medical Center in 1984. He came to the University of Kentucky in 1988 where he is currently a professor in the Departments of Psychology and Oral Health Science; he is also presently serving as the chair of the Psychology Department. He is an active researcher in the area of orofacial pain and has published articles in the *Journal of Orofacial Pain, Pain, and Journal of Consulting and Clinical Psychology*. His primary interests are (a) the role of the autonomic nervous system in the mediation of pain in the shoulder and neck regions; (b) the relationships among heart rate variability, diaphragmatic breathing, and end-tidal carbon dioxide level in orofacial pain; and (c) the development of self-regulation therapies for effective long-term management of orofacial pain conditions.

## Donald A. Falace, DMD

Dr. Falace graduated from the University of Kentucky College of Dentistry in 1970 and then joined the U.S. Public Health Service for two years as a dental intern. He completed a residency in oral surgery at the University of North Carolina in 1975 and subsequently joined the faculty at the University of Kentucky, where he is professor and Division Chief of Oral Diagnosis and Oral Medicine. His research and clinical interests are in the areas of orofacial pain, medically compromised patients and sleep disorders. Dr. Falace is widely published and is the author of two texts, *Dental Management of the Medically Compromised Patient* and *Urgent: Diagnosis and Management*. In addition, he is an active lecturer both nationally and internationally. Dr. Falace limits his clinical practice to patients with orofacial pain, TM disorders, snoring and sleep apnea.

## Anne L. Harrison, PT, Ph.D.

Dr. Harrison received a Master's degree in Physical Therapy from Indiana Central University (Krannert School) and her PhD in Gerontology at University of Kentucky. She is an Associate Professor in the Division of Physical Therapy and Department of Rehabilitation Sciences at UK, and has over 20 years of experience working with patients who have musculoskeletal problems and pain. She is also on the faculty for the Graduate Center in Gerontology. In addition to teaching courses in orthopedic examination and treatment and biology of aging, she conducts research in the area of arthritis management and motor control in older adults.

## Juan F. Yepes, DDS, MD, MS

Dr. Yepes 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. In 2006, Dr. Yepes became a Diplomate of the American Board of Oral Medicine and completed a MPH with emphasis in epidemiology at the UK College of Public Health. Dr. Yepes is a reviewer for scientific journals, has published in the peer reviewed press, and has built a reputation for his excellent lectures and workshops.

**cont.**

**Lyle W. Carlson, Ph.D.**

Dr. Lyle W. Carlson is a clinical neuropsychologist who provides psychological assessment and intervention for patients experiencing intractable pain. He completed a clinical psychology residency and a post-doctoral fellowship in clinical neuropsychology at Walter Reed Army Medical Center, Washington, DC. Prior to his arrival at the University of Kentucky, he was the Chair of the Department of Psychology at Tripler Army Medical Center and managed the Army's only multidisciplinary chronic pain program that included an orofacial pain component. As a part-time faculty member, he specializes in the use of clinical hypnosis as an effective treatment strategy for those patients with neuropathic pain conditions.

**Program Information**

**Time:** Registration – 8:00 am; Course – 8:30 am – 4:30 pm

**Location:** University of Kentucky College of Dentistry  
800 Rose Street  
Lexington, KY

**Tuition:** \$1,395  
**35 CE hours (Scientific/Category B)**  
**Register by May 8, 2009**

**Registration**

To register, complete the registration form and return it to:  
University of Kentucky  
College of Dentistry  
Continuing Education  
1117 South Limestone Street  
Lexington, KY 40503-1057

If paying with VISA, MasterCard, or American Express, you may also call, fax, or register on-line.

**Telephone:** (859) 323-8187

**Fax:** (859) 257-1901

**Contact Elaine Stafford, University of Kentucky College of Dentistry, Office of Continuing Education**