

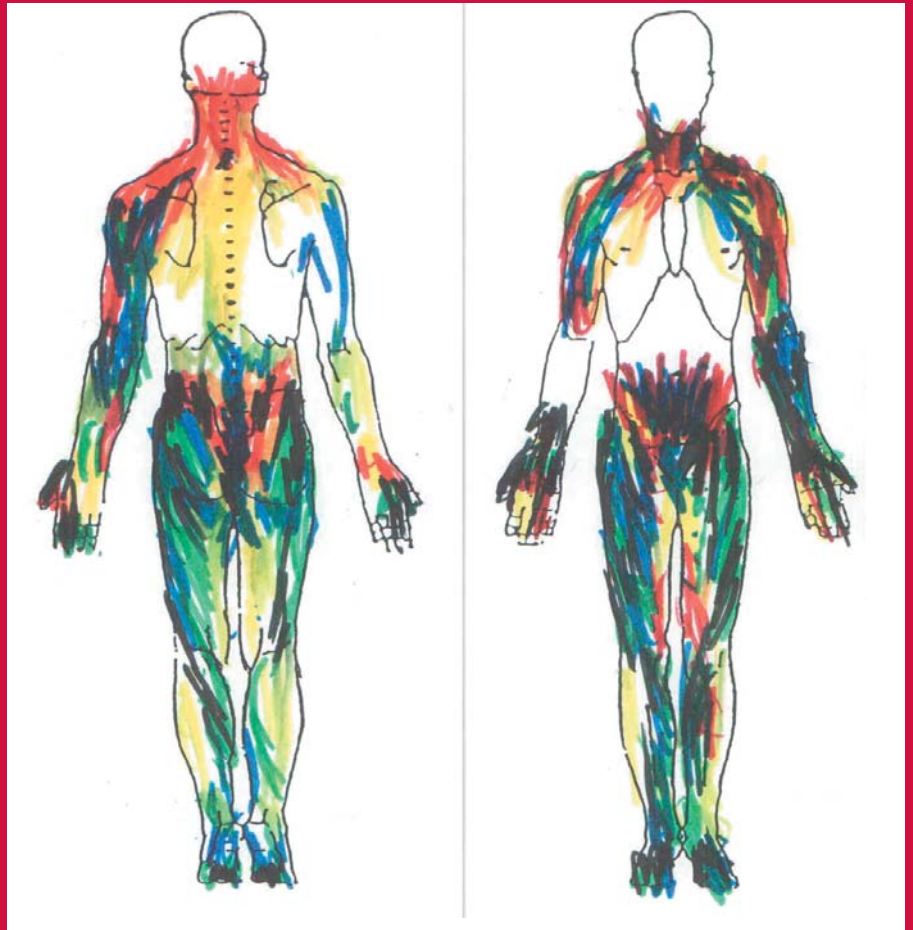
4th ANNUAL COMPREHENSIVE PAIN BOARD REVIEW SYMPOSIUM

AUGUST 8–12, 2006

WORKSHOPS
AUGUST 7, 2006

Course Director:
Nalini Sehgal, MD

Marriott Madison West
Hotel & Convention Center
Middleton, Wisconsin



SPONSORED BY:

University of Wisconsin School of Medicine and Public Health

Department of Orthopedics and Rehabilitation

Department of Anesthesiology

Department of Neurology

Office of Continuing Professional Development in Medicine and Public Health

COMPREHENSIVE PAIN BOARD REVIEW SYMPOSIUM

WHO SHOULD ATTEND?

Any physician or health care provider seeking board certification in pain medicine, recertification, or an expanded knowledge of pain medicine.

PROGRAM HIGHLIGHTS

- Most comprehensive Pain Medicine curriculum available
- Content and issues relevant to Pain Medicine Boards
- Multidisciplinary, nationally and internationally recognized basic science and clinical faculty of 31 experts
- 40 evidence based didactic lectures on Pain Medicine
- 50 *AMA PRA Category 1 Credits™* (includes Workshops)

OTHER HIGHLIGHTS

- Strategies on improving test performance and scores
- Use of audience response system for interactive teaching
- Practice test questions and answers every day and a mock test of 100 questions
- Core Curriculum for Professional Education in Pain, 3rd Edition
- Demonstration of Botulinum Toxin Type A (Botox®) injection techniques in treatment of head and neck pain
- Four interactive workshops (for an additional fee) to improve clinical skills and test performance

OBJECTIVES

- Review peripheral and central anatomical pain pathways
- Understand peripheral and central pain mechanisms in acute nociceptive and neuropathic pain states
- Know the pharmacology, principles, and use of analgesic and other drug therapies in pain
- Evaluate role of electrodiagnostics and imaging techniques in pain management
- Discuss assessment and management of postoperative pain and common chronic pain states
- Understand the treatment of pain in special populations (i.e., pediatrics, geriatrics, cancer, pregnant and nursing women, and individuals with substance abuse)
- Describe classification, assessment, and management of headaches, complex regional pain, and neuropathic pain states.
- Review anatomy, indications, and contraindications for regional blocks
- Discuss ethical and medico-legal issues related to pain medicine, DEA regulations pertaining to prescribing schedule II and III drugs, record keeping, and quality assurance

MADISON AT A GLANCE

A progressive, cosmopolitan city of 200,000, Madison is home to the world-class University of Wisconsin, the seat of state government, and an eclectic, electric atmosphere that energizes any visitor's stay. Built on a narrow isthmus between Lakes Monona and Mendota, Madison is one of the nation's most scenic cities. Five area lakes and more than 200 parks provide

countless recreational activities, from swimming, sailing and fishing to biking, hiking, inline skating and more. Madison offers both small town charm and a range of cultural and recreational opportunities usually found in much larger cities.

CONFERENCE VENUE

Greenway Station, a short walk from the Marriott Madison West, offers a wide variety of shops, restaurants and entertainment (www.greenwayshopping.com).

Other local attractions include: State of Wisconsin Capitol, University of Wisconsin Madison campus, Elvehjem Museum of Art, shopping on State Street with numerous restaurants, theaters, art galleries, and the Monona Terrace® Community and Convention Center inspired by Frank Lloyd Wright.

IMPRESSIONS FROM PAST SYMPOSIUM ATTENDEES

"I attended your review pain course in August 2005 and I found it very helpful. I passed my Board!"

"Excellent review, well organized."

"Excellent job covering complete subject matter."

"Best review I've been to."

"Extremely well run and presented."

"Really great course – one of the best organized I've been to."

"This course was certainly instrumental in my having successfully completed this exam and so I wanted to thank you once again for the excellent review symposium that you offered. Keep up the good work."

"Thanks to your course, it helped me with my passing the Boards. Will recommend to my colleagues in practice."

"Attended last year's course and will certainly attend again this year."

WORKSHOPS

(Registration is limited to first 80 and requires separate registration fee)

Neuromusculoskeletal Examination Techniques

A systematic approach to examining the spine and major joints in the upper and lower limbs. Includes review of the anatomy, palpation of surface landmarks, and specific clinical tests with indications, techniques, and interpretation.

Imaging for Pain Physicians

Understand normal anatomy of spine as seen on fluoroscopic images/plain xrays, CT and MRI films. Develop an algorithmic approach to reading spine films. Evaluate common abnormalities affecting vertebral column and spinal cord. Case studies with clinical correlation.

Electrodiagnostics NCS/EMG Basics

Discuss components of EMG machine. Brief review of muscle and nerve physiology. Demonstration of nerve conduction studies used in evaluating common painful neuropathies and use of needle EMG to assess muscle function. Review types of needle EMG abnormalities. Understand clinical significance of each finding with case discussion.

Ultrasound Guided Nerve/Plexus Regional Blocks

An introduction to ultrasound imaging, with the basics of getting started, physics, and probe selection. A hands-on approach to the use of ultrasound in brachial plexus blocks above and below the clavicle, and lower extremity blocks.

FACULTY

COURSE DIRECTOR

Nalini Sehgal, MD, Associate Professor of Orthopedics and Rehabilitation; Medical Director of UW Interventional Pain Program

VISITING FACULTY

Andrew Blumenfeld, MD, Director, The Headache Center of Southern California, San Diego, CA

David A. Fishbain, MD, FAPA [Distinguished], Professor of Psychiatry and Adjunct Professor of Anesthesiology and Neurological Surgery, Miller School of Medicine at the University of Miami, Miami, FL and The Rosomoff Comprehensive Pain Center

Jennifer A. Haythornthwaite, PhD, Professor, Department of Psychiatry & Behavioral Sciences, Johns Hopkins Medical Institutions, Baltimore, MD

Howard Heit, MD, FACP, FASAM, Board Certified in Internal Medicine and Gastroenterology/Hepatology, Certified in Addiction Medicine and a Medical Review Officer Chronic Pain Specialist; Assistant Clinical Professor, Georgetown University, Fairfax, VA

Gordon Irving, MD, Clinical Associate Professor, Department of Anesthesia, University of Washington Medical School; Medical Director, Swedish Pain and Headache Center, Seattle, WA

Christine S. Park, MD, Assistant Professor, Department of Anesthesiology, Northwestern University, Feinberg School of Medicine, Chicago, IL

Srinivasa Raja, MD, MBBS, Professor, Johns Hopkins University School of Medicine, Department of Anesthesiology and Critical Care Medicine, Baltimore, MD

Richard L. Rauck, MD, Medical Director, Carolinas Pain Institute; Medical Director, The Center for Clinical Research; Clinical Associate Professor, Department of Anesthesiology, Wake Forest University Baptist Medical Center, Winston-Salem, NC

Frank Tu, MD, MPH, Assistant Professor of Ob/Gyn and PM&R, Northwestern University, Feinberg School of Medicine; Division Director of Endoscopic Surgery and Chronic Pelvic Pain, Chicago, IL

Tony L. Yaksh, PhD, Professor and Vice Chairman for Research, Department of Anesthesiology and Professor of Pharmacology, University of California, San Diego, La Jolla, CA

UNIVERSITY OF WISCONSIN FACULTY

* = *Planning Committee member*

Miroslav Backonja, MD,* Professor of Neurology, Anesthesiology, and Rehabilitation; Director, Research and Education, UW Pain Center

Joan F. Benca, MD, Assistant Professor of Anesthesiology

Brian K. Bevacqua, MD, Associate Professor of Anesthesiology, Chief of Anesthesiology Services, William S. Middleton Memorial VA Hospital

Donna G. Blankenbaker, MD, Assistant Professor of Radiology

Thomas P. Broderick, MD,* Assistant Professor of Anesthesiology

James F. Cleary, MD, Associate Professor of Oncology; UW Comprehensive Cancer Center; Medical Director, UW Palliative Care Program

June L. Dahl, PhD,* Professor of Pharmacology

Kirkland W. Davis, MD, Associate Professor of Radiology

Jerome Ebert, MD, Clinical Assistant Professor, Orthopedics and Rehabilitation

Michael P. Ford, MD, Associate Professor of Anesthesiology, Director, Acute Pain Service

Debra B. Gordon, RN,* Senior Clinical Nurse Specialist, Nursing Staff Development, UW Hospital and Clinics

Tim Harbst, MD, Chairman, Department of Physical Medicine and Rehabilitation, Gunderson Clinic and Clinical Assistant Professor, Department of Orthopedics and Rehabilitation

John K. Harting, PhD, Professor of Anatomy

Richard Kijowski, MD, Assistant Professor of Radiology

James W. Leonard, DO, PT,* Associate Professor and Division Chair of Rehabilitation Medicine, Department of Orthopedics and Rehabilitation

Ben P. Lotz, MD, Professor of Neurology; Director, Neuromuscular Services

Michael Moninger, Director, Student Academic Development

Nathan J. Rudin, MD, MA,* Associate Professor of Orthopedics and Rehabilitation, Medical Director of UW Pain Treatment and Research Center

Mark E. Schroeder, MD,* Associate Professor of Anesthesiology

Nalini Sehgal, MD,* Associate Professor of Orthopedics and Rehabilitation, Medical Director of UW Interventional Pain Program

Bonnie J. Weigert, MD, Assistant Professor of Orthopedics and Rehabilitation

Cheryl J. Kaltenberg,* Administrative Supervisor, Rehabilitation Services

Terese M. Bailey,* Conference Coordinator, Office of Continuing Professional Development in Medicine and Public Health

SCHEDULE

Monday, August 7, 2006

WORKSHOPS

AM

- 7:00 Registration and Continental Breakfast
- 8:00 Neuromusculoskeletal Examination Techniques
Imaging for Pain Physicians
- 10:00 Refreshment Break
- 10:15 Imaging for Pain Physicians
Neuromusculoskeletal Examination Techniques

PM

- 12:15 Boxed Lunch
- 1:15 Electrodiagnostics NCS/EMG Basics
Ultrasound Guided Nerve/Plexus Regional Blocks
- 3:15 Refreshment Break
- 3:30 Ultrasound Guided Nerve/Plexus Regional Blocks
Electrodiagnostics NCS/EMG Basics
- 5:30 Adjourn

Tuesday, August 8, 2006

AM

SYMPOSIUM

- 6:30 Registration and Breakfast
- 7:00 Welcome
- 7:15 Pre-Test
- 7:30 Learning Skills for Test-Taking
Michael Moninger
- 8:00 Peripheral and Central Anatomy of Pain Processing
John K. Harting, PhD
- 9:00 Physiology and Pharmacology of Acute Pain
Tony L. Yaksh, PhD
- 10:00 Refreshment Break
- 10:15 Post Tissue Injury Pain State
Tony L. Yaksh, PhD
- 11:15 Physiology and Pharmacology of Neuropathic Pain
Tony L. Yaksh, PhD

PM

- 12:15 Lunch
- 1:15 Mechanism of Action of Drugs and Receptor
Neurochemistry
Tony L. Yaksh, PhD
- 2:15 Fibromyalgia, Myofascial Pain Syndrome
Nathan J. Rudin, MD, MA

- 3:15 Refreshment Break
- 3:30 Headaches: Classification and Mechanisms
Andrew Blumenfeld, MD
- 4:00 Headaches: Management and Prevention
Andrew Blumenfeld, MD
- 5:00 Post-Test
- 5:15 Break
- 5:30 Demonstration of Botulinum Toxin Type A (Botox®)
Injection Techniques in the Management of Painful
Conditions of Head and Neck
Andrew Blumenfeld, MD
- 6:30 Adjourn

Wednesday, August 9, 2006

AM

- 6:30 Registration and Breakfast
- 7:00 Pre-Test
- 7:15 Clinical Pharmacology of Local Anesthetics
Mark E. Schroeder, MD
- 8:15 Electrophysiologic Assessment in Pain
Barend P. Lotz, MD
- 9:15 NSAIDs, Corticosteroids, Antispasmodics:
Pharmacology and Clinical Use
June L. Dahl, PhD
- 10:00 Refreshment Break
- 10:15 Opioid Pharmacology
June L. Dahl, PhD
- 11:15 Psychological Assessment of Patient in Chronic Pain
Jennifer A. Haythornthwaite, PhD
- PM
- 12:15 Lunch
- 1:15 Psychotherapeutic Interventions in Management of
Chronic Pain
Jennifer A. Haythornthwaite, PhD
- 2:00 Adjuvant Medications: TCA's, Hypnotics/
Anxiolytics, Adrenergics Agonist, Muscle Relaxants,
Ketamine
June L. Dahl, PhD
- 2:45 Refreshment Break
- 3:00 Diagnostic Imaging in Pain
Donna Blankenbaker, MD
- 4:00 Acute Pain: Assessment and Management
Michael P. Ford, MD
- 4:45 Break

- 5:00 PCA and Intraspinial Analgesia for Post-Operative Pain
Michael P. Ford, MD
- 5:45 Post-Test
- 6:00 Adjourn

Thursday, August 10, 2006

AM

- 6:30 Breakfast
- 7:00 Pre-Test
- 7:15 Cranial Nerve Anatomy and Blocks in Facial Pain Syndromes
John K. Harting, PhD and Brian Bevacqua, MD
- 8:15 Regional Blocks and Acute Pain
Thomas P. Broderick, MD
- 9:45 Refreshment Break
- 10:00 Sympathetic Blocks and Neurolysis
Nalini Sehgal, MD
- 11:00 Spinal Injection Procedures in Diagnosis and Management of Spinal Pain
Nalini Sehgal, MD

PM

- 12:00 Lunch
- 1:00 Rehabilitation Treatment Modalities
James W. Leonard, DO
- 1:45 Rehabilitation Exercises in Pain Management
James W. Leonard, DO
- 2:30 Refreshment Break
- 2:45 Neuropathic Pain: Assessment and Pharmacotherapy
Miroslav Backonja, MD
- 3:45 Peripheral and Central Neuropathic Pain States
Miroslav Backonja, MD
- 4:45 Acute and Chronic Pain in Pediatric Population
Joan F. Benca, MD
- 5:45 Post-Test
- 6:00 Adjourn

Friday August 11, 2006

AM

- 6:30 Breakfast
- 7:00 Pre-Test
- 7:15 Opioid Therapy: Clinical Aspects
Gordon Irving, MD
- 8:15 Complications of Epidural Procedures & Catheters
Gordon Irving, MD

- 9:15 Pelvic and Visceral Pain: Mechanisms and Management
Frank Tu, MD, MPH

- 10:15 Refreshment Break

- 10:30 Pain Assessment and Management in the Elderly Population
Debra B. Gordon, RN

- 11:30 Cancer Pain and Palliative Care
James F. Cleary, MD

PM

- 12:30 Lunch
- 1:30 Ethical and Legal Concerns in Pain Medicine
James F. Cleary, MD
- 2:30 Complex Regional Pain Syndrome
Srinivasa Raja, MD, MBBS
- 3:30 Refreshment Break
- 3:45 Pain Assessment and Management in Substance Abusers
Howard Heit, MD, FACP, FASAM
- 4:30 DEA Regulations, Lawful Prescribing, Monitoring for Abuse and Diversion
Howard Heit, MD, FACP, FASAM
- 5:15 Break
- 5:30 Mock Exam
- 7:00 Adjourn

Saturday, August 12, 2006

AM

- 6:30 Breakfast
- 7:15 Pre-Test
- 7:30 Managing Depression, Anxiety, and Personality Disorders in Chronic Pain
David Fishbain, MD
- 8:30 Spinal Cord Stimulation for Refractory Pain States
Richard L. Rauck, MD
- 9:30 Refreshment Break
- 9:45 Intraspinial Analgesics and Implanted Drug Delivery Systems
Richard L. Rauck, MD
- 10:45 Pain Management during Pregnancy and Nursing
Christine S. Park, MD
- 11:45 Post-Test
- 12:00 Adjourn

GENERAL INFORMATION

WORKSHOP DATE AND FEE

August 7, 2006 \$450.00

CONFERENCE DATES AND FEES

August 8–12, 2006 \$1095.00 Physicians
\$800.00 Fellows*, Residents*,
Others (PA/NP/RN, etc.)

*Letter of certification from program director MUST accompany registration.

The conference fee includes the cost of tuition, course materials, Core Curriculum for Professional Education in Pain, 3rd Edition, breakfasts, refreshment breaks, and lunches.

WORKSHOP/CONFERENCE LOCATION AND ACCOMMODATIONS

Marriott Madison West
1313 John Q. Hammons Drive
Middleton, WI 53562
Phone: 608-831-2000 or 800-228-9290
FAX: 608-831-2040
Website: www.marriott.com

A block of rooms has been reserved at the Marriott Madison West. Please call or write to the hotel directly to reserve your accommodation. Be sure to mention "Pain Board Review" to receive the special room rate of \$114. The Marriott Madison West will release its rooms to the public on **July 6, 2006**.

Madison, Wisconsin has one major airport (MSN), the Dane County Regional Airport. It is approximately 20 miles from the Marriott Madison West Hotel. Shuttle service is available via the hotel.

FOUR EASY WAYS TO REGISTER

By Mail: Return your completed registration form and payment

By Phone: 608-262-1397. Please call and give your billing information or pay by MasterCard, VISA, or American Express

By Fax: 1-800-741-7416 (in Madison, Fax 265-3163)

Online: www.cme.wisc.edu

CONFIRMATIONS

All registrations are confirmed in writing. If you do not receive a confirmation, please call 608-262-1397.

PROGRAM CHANGES

Emergency situations occasionally occur and may necessitate topic or speaker change. The University of Wisconsin School of Medicine and Public Health reserves the right to alter or substitute a topic or speaker without prior notification.

CANCELLATIONS/REFUND POLICY

All cancellations must be received by July 31, 2006 to receive a refund. No refunds will be honored for no shows or requests received after July 31, 2006. All cancellations will be charged a processing fee of \$50.

EXHIBITS

Representatives from pharmaceutical and equipment companies will display their products and will be available on Wednesday, August 9; Thursday, August 10; and Friday, August 11.

CONFERENCE ATTIRE

Since meeting room temperatures and personal comfort levels vary, it is recommended that you bring a sweater or jacket.

FOR FURTHER INFORMATION

Terese M. Bailey, Office of Continuing Professional Development in Medicine and Public Health, University of Wisconsin School of Medicine and Public Health, 2701 International Lane, #208, Madison, Wisconsin 53704; telephone 608-240-2141; tmbailey@wisc.edu.

Cheryl J. Kaltenberg, Administrative Supervisor, Rehabilitation Services, 6630 University Avenue, Middleton, Wisconsin 53562; telephone 608-263-8632; cj.kaltenberg@hosp.wisc.edu.

CREDIT

Accreditation Statement

The University of Wisconsin School of Medicine and Public Health is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Credit Designation Statement

The University of Wisconsin School of Medicine and Public Health designates this educational activity for a maximum of 50 *AMA PRA Category 1 Credits™*. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Continuing Education Units

The University of Wisconsin-Madison, as a member of the University Continuing Education Association (UCEA), authorizes this program for 5.0 continuing education units (CEUs) or 50 hours.

POLICY ON FACULTY AND SPONSOR DISCLOSURE

As a sponsor accredited by the ACCME, it is the policy of the University of Wisconsin School of Medicine and Public Health to require the disclosure of the existence of any significant financial interest or any other relationship a faculty member or a sponsor has with either the commercial supporters(s) of this activity or the manufacturer(s) of any commercial product(s) discussed in an educational presentation. Detailed disclosure will be made in the course handout materials.

REGISTRATION FORM

4th Annual Comprehensive Pain Board Review Symposium

#4011; ame-pain

Workshops: August 7, 2006

Symposium: August 8-12, 2006

Please complete Steps 1-4 below in **BLOCK** letters

Step 1. Participant Information:

Name _____

First

MI

Last

Professional Degree (for credit and name badge) MD DO OTHER _____

Specialty Anesthesiology PM&R Neurology Psychiatry OTHER _____

Company Name _____ Dept. Name or Mail Code _____

Work Address _____

City, State, Zip _____ Day Phone _____

FAX _____ E-mail _____

I request vegetarian options for my meals

****Audio or Video recording is strictly prohibited**

Step 2. Confirmation:

Work Address (as provided in Step 1) or Home Address

Home Address _____ City, State, Zip _____

Step 3. Registration Fees (Check One):

\$450.00 = **Workshop Only Fee**

\$1095.00 = **Symposium Only Fee** - Physicians

\$800.00 = **Symposium Only Fee** - Fellows*, Residents*, Others (PA/NP/RN, etc.)

\$1545.00 = **Symposium + Workshop Fees** - Physicians

\$1250.00 = **Symposium + Workshop Fees** - Fellows*, Residents*, Others (PA/NP/RN, etc.)

(* Letter of certification from program director **MUST** accompany registration)

TOTAL FEE REMITTED: _____

PO or check enclosed (payable to University of Wisconsin)

Please bill my company

Credit Card: MasterCard; VISA; American Express

Cardholder's Name _____

Card Number _____ Expiration Date _____

Where did you hear about this conference? Journal Flyer Other _____

Step 4. Please return your payment with this form to:

Kathy Kneebone, The Pyle Center, 702 Langdon Street, Madison, WI 53706 or

Fax 1-800-741-7416 (in Madison Fax 265-3163).

The University of Wisconsin provides equal opportunities in employment and programming, including Title IX requirement.

The University of Wisconsin School of Medicine and Public Health fully complies with the legal requirements of the ADA and the rules and regulations thereof. If any participant in this educational activity is in need of accommodations, please notify Terese Bailey in order to receive service. Please call 608-240-2141.