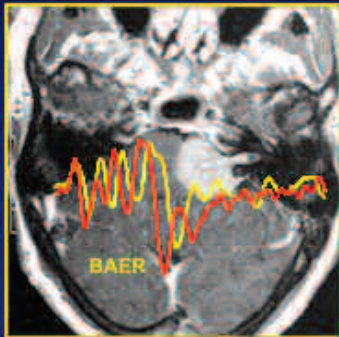




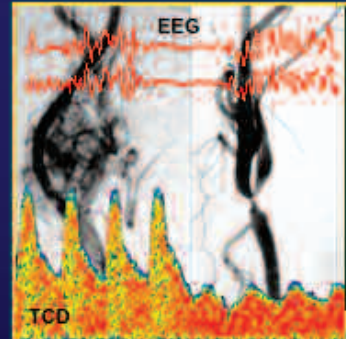
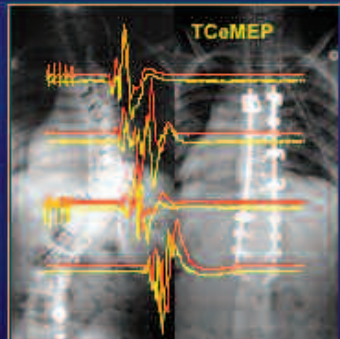
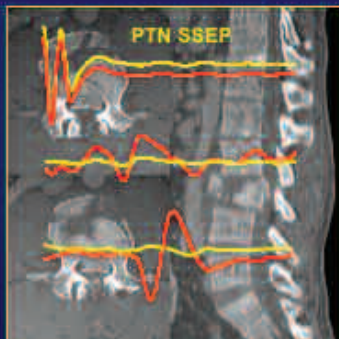
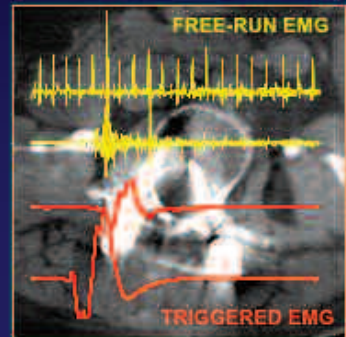
AMERICAN SOCIETY OF NEUROPHYSIOLOGICAL MONITORING 2009 WINTER SYMPOSIUM



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HILTON, CLEARWATER BEACH, FL 2/27-2/28, 2009

2009 WINTER SYMPOSIUM AMERICAN SOCIETY OF NEUROPHYSIOLOGICAL MONITORING

Join us in Clearwater Beach, Florida for the best of *la Florida* experiences.

Come and enjoy the 2009 Winter Symposium, sponsored jointly by the American Society of Neurophysiological Monitoring and Orlando Health in the relaxed, elegant surroundings at the Hilton Clearwater Beach Resort in Clearwater Beach, Florida. Clearwater Beach is “the best city beach on the gulf of Mexico” according to Dr. Stephen Leatherman, also known as “Dr. Beach.” Clearwater Beach is only steps away from the emerald waters of the Gulf of Mexico, with some of the softest and whitest sand beaches in Florida. The surrounding area offers a never ending stream of opportunities and attractions, including boating, diving and snorkeling, relaxing on the beach, parasailing, golf, dining, and shopping. Dining options in the surrounding area are wonderfully diverse, particularly notable is the Island Way Grill which overlooks the Intercostal Waterway and is considered by many to be one of Florida’s finest seafood restaurants.

This symposium is designed for basic and advanced personnel performing intraoperative neuromonitoring, highlighting multimodality protocols, recent advances in the field, and future trends. Each presentation will address a current literature review, technical developments, methodologies, and clinical efficacy. Special attention will also be paid to billing and CPT codes for neuromonitoring, and patient safety. The faculty is composed of past presidents of the ASNM, past and current members of the ASNM board, and other distinguished professionals in the field.

COURSE OBJECTIVES

The structure of the Winter Symposium is to provide a forum for scientific and clinical presentations, special interest seminars, and didactic lectures with all accompanied by comprehensive handouts and video materials, and with ample opportunity for interaction between the faculty and audience. Special evening events will also provide a chance for the attendees to personally interact with the faculty and each other. The learning objectives are to expose the participants to materials that will allow them to achieve a comprehensive understanding of the following concepts:

- Advanced principles for neurophysiological monitoring, including instrumentation, neuromonitoring protocols, recent advances, alarm criteria and clinical efficacy.
- The appreciation and utility of using multimodality neuromonitoring techniques for variety of surgeries involving orthopedic, vascular, cardiac and neurosurgical procedures.
- Advances in remote neuromonitoring.
- The basic principles, applications, and guidelines for using transcranial and microvascular Doppler during vascular (carotid endarterectomy) and cardiac (cardiopulmonary bypass) surgeries, and for clipping of cerebral aneurysms.
- New and emerging methods for monitoring spinal motor pathways.
- Exposure to problem solving in instances of pathological and nonpathological changes in neurophysiological monitoring data.
- Intraoperative neuromonitoring of cranial nerves.
- Neuromonitoring and patient safety.
- Medico-legal issues.
- Appropriate billing and CPT codes for intraoperative neuromonitoring.
- Anesthesiology concerns for spinal surgery.





PROGRAM COMMITTEE

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Orlando, Florida

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Professor and Associate Chair for Development

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University of Colorado at Denver and Health Science Center
Denver, Colorado



PROGRAM SCHEDULE
2009 WINTER SYMPOSIUM
AMERICAN SOCIETY OF NEUROPHYSIOLOGICAL MONITORING

Friday, February 27, 2009

- 7:00 am Continental Breakfast
- 7:55 Welcome and Introduction
Michael Isley, PhD, DABNM, FASNMM
- 8:00 Billing and CPT Codes for Neuromonitoring: An Open Forum
Marianna Hegedus, BA
- 9:00 Break
- 9:15 Current Trends in Pedicle Screw Stimulation: Cervical, Thoracic, and Lumbo-Sacral Levels
Michael Isley, PhD, DABNM, FASNMM
- 10:30 Patient Safety During Intraoperative Neuromonitoring
Jack Kartush, MD, FASNMM
- 11:30 Intraoperative Neuromonitoring of the Recurrent Laryngeal Nerve
Jack Kartush, MD, FASNMM
- Noon – 1:00 pm Lunch (Provided by the ASNMM)
- 1:00 Blood Supply of the Spinal Cord: Are Traditional Concepts Valid?
Leo Happel, PhD, DABNM, FASNMM
- 2:00 Current Trends in Intraoperative Motor Evoked Potentials
Jeffrey Balzer, PhD, DABNM, FASNMM
- 3:00 Break
- 3:15 Intraoperative Cranial Nerve Monitoring: Methodologies and Clinical Outcomes
William Martin, PhD, FASNMM
- 4:45 Spinal Case Review: Facilitated Group Interaction
Gayle Hicks, PhD, DABNM, FASNMM
- 5:45 Wine and Cheese



PROGRAM SCHEDULE
2009 WINTER SYMPOSIUM
AMERICAN SOCIETY OF NEUROPHYSIOLOGICAL MONITORING

Saturday, February 28, 2009

- 7:00 am Continental Breakfast
- 7:55 Welcome and Introduction
Jeffrey Balzer, PhD, DABNM, FASNM
- 8:00 Electromyography During Spinal Surgery
Leo Happel, PhD, DABNM, FASNM
- 9:00 Anesthesiology Concerns During Spinal Surgery
Tod Sloan, MD, PhD, MBA, FASNM
- 10:00 Break
- 10:15 Transcranial Doppler Ultrasound for Perioperative Neuromonitoring
Harvey Edmonds, Jr., PhD, FASNM
- 11:00 Strategies for Neuromonitoring
Jeffrey Balzer, PhD, DABNM, FASNM
- 12:00 – 1:00 pm Lunch (On Your Own)
- 1:00 Multimodality Neuromonitoring for Cardiac and Vascular Surgery
Harvey Edmonds, Jr., PhD, FASNM
- 2:00 Anesthetic Effects and Protocols for Neuromonitoring Using Sensory and Motor Evoked Potentials
Tod Sloan, MD, PhD, MBA, FASNM
- 3:00 Break
- 3:15 Remote Neuromonitoring
Jeffrey Balzer, PhD, DABNM, FASNM
- 4:15 Skull Base Case Review: Facilitated Group Interaction
Gayle Hicks, PhD, DABNM, FASNM
- 5:15 Adjournment



CONTINUING EDUCATION



AMA

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of Orlando Health and the American Society of Neurophysiological Monitoring. Orlando Health is accredited by ACCME to provide continuing medical education for physicians. Orlando Health designates this educational activity for a maximum of 16 AMA PRA Category 1 Credit(s)[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity.



ASHA

Certificates of Attendance will be given for application to the Continuing Education Board of the American Speech-Language-Hearing Association (ASHA) for CEUs.



ASET

The American Society of Electroneurodiagnostic Technologists has granted 15.75 ASET Continuing Education (ACE) credits for this program. Such crediting, however, should not be constructed by program participants as an endorsement of any type of instrument or supplies mentioned or involved in these presentations.

Cover by Drs. Xiao-Feng Zhang and Michael R. Isley



2009 WINTER SYMPOSIUM
AMERICAN SOCIETY OF NEUROPHYSIOLOGICAL MONITORING
HILTON CLEARWATER BEACH RESORT, CLEARWATER BEACH, FLORIDA
FEBRUARY 27-28, 2009

ASNM Registration Deadline: February 7, 2009
Hilton Room Registration Deadline: January 29, 2009

Name _____ Credentials _____
Affiliation _____ Department _____
Address _____
Street Address _____ City _____ State _____ Zip Code _____
Phone (____) _____ (____) _____
Business (Daytime) Home

Registration Fees:

Deadline Date	Full Members	Non-Members	Enter Amount
Until 2/07/09	\$425	\$550	
After 2/07/09	\$525	\$650	
		Payment*	

***Full Registration includes all events.**

Please make checks payable to ASNM, or charge credit card by completing this information:

Visa / MasterCard Card # _____ / _____ / _____ / _____ Exp. Date: _____

Amount: \$ _____ Authorized Signature: _____

Refund Policy: For cancellations received prior to Feb 7, 2009, fees will be refunded less a \$50 service charge. Cancellation must be in writing and must include the original registration receipt. No refunds will be provided after Feb 7, 2008.

Travel Information: ASNM recommends using the shuttle service to and from the airport to the Hilton Clearwater Beach Resort.

Hotel Accommodations: Rooms are at the Hilton Clearwater Beach Resort, 400 Mandalay Ave., Clearwater Beach, FL, 33767 (Tel. 888 353-3222; Fax 727 446-1583; website: hiltonclearwaterbeachresort.com) are available at a special conference rate (\$215). These rooms will be held only until January 29, 2009. Reservations will be accepted on a space available basis after this date. Take advantage of the special registration rates by booking early. Check the ASNM website for updates (ASNM.org).

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Pittsburgh, PA 15213

For registration information, call Mary Ellen at 412-648-2570 or email at fosbme@upmc.edu or email Dr. Jeffrey Balzer at balzerjr@upmc.edu. For program information, contact Dr. Michael Isley, at 407 841-5111 ext. 841-6694 or e-mail MISLEY@orlandohealth.com.