

ASNM CURRENT TRENDS IN INTRAOPERATIVE MONITORING

2009 Regional Symposia Chicago

October 24th & 25th, 2009

at the

Courtyard by Marriott - Magnificent Mile Chicago



Welcome to the Windy City . . . Plenty to See and Do!!!

ASNM Regional Symposia Committee

Rebecca J. Clark-Bash, R. EEG/EP T., CLTM, CNIM, FASNM *Chairman*
Committee:

Jeffrey Balzer, Ph.D., DABNM, FASNM
Bernie Cohen, Ph.D., DABNM, FASNM
Clare Gale, B.S. R. EEG.T/CNIM CRTT
Leah Hanson, R. EEG.T/EP T., CNIM

Shawn Regan, B.S., CNIM
Jay Shils, Ph.D
Cathleen Zippay, R. EEG/EPT., R.EDT., CNIM

I. Vision & Mission:

The Society serves as the leading organization for the field of interventional neurophysiological assessment and monitoring. Quality neurophysiological monitoring benefits patient outcomes. The Society:

- ⇒ Fosters the growth and stature of neurophysiological monitoring as a profession
- ⇒ Represents and advocates within the medical community on behalf of the members
- ⇒ Provides a forum for education and dissemination of knowledge in the field
- ⇒ Develops quality standards for practice and training
- ⇒ Promotes the highest standards of neurophysiological monitoring through research
- ⇒ Builds partnerships and coalitions with allied professionals

II. Intent & Overview

The function of the ASNM Regional Symposia program committee is to provide both a review of the basic neurophysiologic technology and methods in addition to a forum for presentation of cutting edge concepts in the field.

III. Objectives

After participating in this program, the participants should be able to:

- ⇒ Discuss the basic principles for conducting and interpreting intraoperative neurophysiologic monitoring (IONM)
- ⇒ Identify the basic neuroanatomy & neurophysiology relevant to IONM
- ⇒ Orient to principles of neurosurgical monitoring techniques & philosophies
- ⇒ Develop an understanding of the basic aspects related to the business of IOM
- ⇒ Develop an understanding of the elements for clinical decision making for IOM

IV. Who Should Attend

This symposium is designed for all monitorists, to include electrophysiologists from neurophysiologic backgrounds, nurses, electroneurodiagnostic technologists, audiologists and other practitioners involved with patients where neurophysiologic monitoring is used and who wish to expand their knowledge. This symposium is also designed for neurological, orthopedic, and ENT surgeons who utilize IOM as part of their routine practice or who are interested in learning more about IOM technique.



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



ASET ACE CREDITS
ASET "ACE" CREDITS HAVE BEEN APPLIED FOR. Such crediting, however, should not be construed by program participants as an endorsement of any type of instrument or supplies mentioned or involved in these presentations.

ASNM REGIONAL SYMPOSIA

OCTOBER 24TH ~ OCTOBER 25TH, 2009

Courtyard by Marriott - Magnificent Mile Chicago

165 East Ontario Street ☎ Chicago IL 60611

Direct: 312.573.0800 ☎ Fax: 312.660.2432

ASNM Rate: \$ 179

Current Trends in Intraoperative Monitoring: 2009 Regional Symposia Chicago

Date: Saturday & Sunday, October 24th – 25th, 2009

Time: Saturday 7:55 - 5:00 & Sunday 7:55 – 5:00

Saturday, October 24th, 2009

7:55 Welcome & Introduction

8:00 Electrophysiologic Identification & *Specificity* of Positional Issues During Lumbar Surgeries:
Advanced Perspective on an Existing Tool

Justin W. Silverstein, M.S., R. NCS T., C.N.I.M.
Director of Special Surgery, Director of Education
Intra-Op Monitoring Services
Covington, LA

9:00 Break

10:00 Comprehensive Pre-Operative Motor Exams in TceMEP Monitored Cases:
Practical Recommendations & Method

Ryan R. Lau, B.A., R. EEG/EP T., C.N.I.M., C.L.T.M.
Clarion Neuroscience
Department Coordinator, Neurophysiology
Indianapolis, IN

11:00 Neurophysiologic Monitoring in Interventional Radiology:
Applications, Practice Considerations & Environmental Variance from the Operating Room

Jeffrey R. Balzer, Ph.D., D.A.B.N.M., F.A.S.N.M.
Associate Professor of Neurological Surgery
Associate Director, Clinical Services
Department of Neurological Surgery
University of Pittsburgh Medical Center
Pittsburgh, PA

12:00 Lunch -- "On Your Own"

1:30 Advancing the Multidisciplinary Approach to Spinal Cord Injury Risk
Reduction in Thoracoabdominal Aortic Aneurysm Repair

Tod B. Sloan, M.D., M.B.A., Ph.D., C.P.E., F.A.I.C., F.A.S.N.M., A.S.E.P.M.
Associate Chair for Development
University of Colorado Health Science Center
Department of Anesthesiology,
Denver, CO

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SATURDAY, OCTOBER 24TH CONTINUED

2:30 Break

2:45 TceMEP Fact or Fiction: Method, Alarm Criteria & The UPMC Experience

Jeffrey R. Balzer, Ph.D., D.A.B.N.M., F.A.S.N.M.
Associate Professor of Neurological Surgery
Associate Director, Clinical Services
Department of Neurological Surgery
University of Pittsburgh Medical Center
Pittsburgh, PA

3:45 Challenges & Problems in Motor Evoked Potentials: The LSU Experience

Leo T.Happel, Ph.D., D.A.B.N.M., F.A.S.N.M.
Emeritus Professor, Department of
Neurology and Neurosurgery
Louisiana State University
Health Sciences Center
New Orleans, LA

5:00 Adjourn

Sunday, October 25th, 2009

7:55 Welcome & Introduction

**8:00 Electromyography Detects Mechanically-Induced Suprasegmental Spinal Motor Tract Injury:
Review of Decompression at Spinal Cord Level**

Stanley A Skinner, M.D.
Abbott Northwestern's Neuroscience Institute
Minneapolis, MN

9:00 Healthcare Reimbursement Under Siege: CMS & Universal Coverage

Tod B. Sloan, M.D., M.B.A., Ph.D., C.P.E., F.A.I.C., F.A.S.N.M., A.S.E.P.M.
Associate Chair for Development
University of Colorado Health Science Center
Department of Anesthesiology,
Denver, CO

9:30 Break

**9:45 Surface Electrodes Are Not Sufficient to Detect Neurotonic Discharges: Observations in a Porcine
Model and Clinical Review of Deltoid Electromyographic Monitoring Using Multiple Electrodes**

Stanley A Skinner, M.D.
Abbott Northwestern's Neuroscience Institute
Minneapolis, MN

10:45 Skull-Based Monitoring - Comprehensive *Advanced* Technique:

Auditory

Cranial Nerves III-XII

SSEP

TceMEP

Justin W. Silverstein, MS, R. NCS T., C.N.I.M.
Director of Special Surgery, Director of Education
Intra-Op Services
Covington, LA

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SUNDAY, OCTOBER 25TH CONTINUED

12:00 Lunch -- "On Your Own"

**1:30 Expanded Use of the External Anal Sphincter During Intraoperative Neuromonitoring:
Sacral Reflex and Free-Run EMG**

Stanley A Skinner, M.D.
Abbott Northwestern's Neuroscience Institute
Minneapolis, MN

2:30 Break

**2:45 Dermatomal SEP in the Operating Room:
A Review of the Reliability, Limitations and Considerations**

Bernie Cohen, Ph.D., D.A.B.N.M., F.A.S.N.M.
Neurological Monitoring Associates, LLC
Milwaukee, WI 53217

3:30 Spinal Cord Perfusion & Anatomy: Beyond the Textbook

Leo T.Happel, Ph.D., D.A.B.N.M., F.A.S.N.M.
Emeritus Professor, Department of
Neurology and Neurosurgery
Louisiana State University
Health Sciences Center
New Orleans, LA

**4:30 Visual Evoked Potentials in the Operating Room:
A Review of the Reliability, Limitations and Considerations**

Justin W. Silverstein, MS, R. NCS T., C.N.I.M.
Director of Special Surgery, Director of Education
Intra-Op Monitoring Services
Covington, LA

5:00 Adjourn



REGISTRATION FORM

PLEASE PRINT CLEARLY!

First Name: _____ Last Name: _____

Nickname for Nametag: _____

Degree: (Check all that apply)

___ M.D. ___ D.O. ___ Ph.D. ___ R.N. ___ MS/MA ___ BS/BA ___ B.S. ___ D.C. ___ AuD _____ Others

Credential: (Check all that apply)

___ DABNM ___ FASNM ___ CNIM ___ CCC-A ___ R.EEG T. ___ R. EP T. ___ AANEM _____ Others

Institution Affiliation: _____

Work Address: _____

Work City: _____ Work State: _____ Work Zip: _____

Home Address: _____

Home City: _____ Home State: _____ Home Zip: _____

Daytime Phone _____ Evening Phone: _____

Work E-mail: _____ Alternate E-mail: _____

ASNM MEMBER **NON-MEMBER**

Other organizational affiliations: (optional field)

___ AMA ___ ACNS ___ ASHA ___ AAA ___ ASET ___ AAEM _____ (Others)

Registration Fees:	Deadline Date	Members	Non-Members	Enter Amount
	Before October 1	\$425.00	\$525.00	_____
	After October 1	\$525.00	\$625.00	_____

Method of Payment: ___ Check enclosed (*payable to ASNM*) ___ VISA ___ MasterCard

Card Holder Name (Please print) _____

Card Number _____ Expiration Date: _____

Authorized Amount \$ _____ Security Code on back of card: _____

Cardholder Signature _____

NOTE: • Registration is nonrefundable & nontransferrable.



NOTE: If paying by credit card on-line registration is preferred!

Three registration options

Online: www.signmeup.com/66450

Mail to:
ASNM Registration
c/o Monica Clark
827 East Briar Lane
Green Bay, WI 54301

Scan and email to:
ASNMregister@gmail.com

We regret that registration cannot be accepted by telephone.

For additional information, please call 920.632.4330 or e-mail ASNMregister@gmail.com

In consideration of the Americans with Disabilities Act, please check here if you require special services, and we will contact you to determine your specific requirements. **NOTE:** Please submit this form two weeks prior to the symposium.

Check one:

- Electronic Version of Handout/Syllabus (*no charge*)
- Electronic Version and Printed Handout/Syllabus \$75 (*ONLY available if paid for prior to the meeting*)
- Printed Handout/Syllabus without meeting registration \$150.00

How did you hear about this conference? ___ Mail ___ E-mail ___ Internet ___ Other _____

HOTEL REGISTRATION INFORMATION: COURTYARD by MARRIOTT~MAGNIFICENT MILE: Click on this link (www.marriott.com/chimm), enter the dates for which you wish to make your reservations, and enter under 'Group Code' either: **ASNASNA** for single-king rooms or **ASNASNB** for double-queen rooms.