The American Society of Neurophysiological Monitoring Presents:

2012 Fall Symposium

Integrating Clinical Practice, Application and Technology of Connected Healthcare in Neurophysiological Monitoring

October 27-28, 2012

Chicag0
Marriott Downtown Magnificent Mile

Register online at www.ASNM.org
Program

Saturday, October 27, 2012

7:00 a.m.
Continental Breakfast with Exhibitors; Registration

7:45 a.m.
Welcome & ASNM Updates
Antoun Koht, MD, FASNM

8:00 a.m.
High Risk Spine Surgery
Tyler Koski, MD, BS

8:30 a.m.
IOM During Spine Surgery
Antoun Koht, MD, FASNM

9:00 a.m.
Challenges for Monitoring & Anesthesia in Children
John McAuliffe, MD, MBA, FAAP

9:30 a.m.
Artifacts from A to Z
Vernon Leo Towle, PhD, FASNM

10:15 a.m.
Morning Break with Exhibitors
Sponsored by Rochester Electro-Medical

10:45 a.m.
Transforming Care Through Telemedicine
Ray Dorsey, MD, MBA

11:30 a.m.
Continuous EEG Monitoring in the ICU
Elizabeth Gerard, MD

12:15 p.m.
Lunch on Your Own

1:40 p.m.
A Brief History of Intraoperative Neurophysiological Monitoring
Jack Kartush, MD, FASNM

2:00 p.m.
The Direction of Telemedicine in Healthcare’s Future
Jonathan Linkous, MPA

2:30 p.m.
The Importance of Accreditation, the Steps to Accreditation and How Joint Commission Accreditation Enhances Patient Care
Michael Dye, MPH

3:00 p.m.
Afternoon Break with Exhibitors
Sponsored by Rhythmlink

3:30 p.m.
The Impact of Healthcare Reform and Accountable Care for Hospitals, Physicians and Patients
Gene Balzer, PhD, FASNM

4:00 p.m.
Telepresence IONM Staffing Models and Communications
David E. Morledge, PhD, CCC-A, DABNM, FASNM

4:30 p.m.
Abstract and Case Presentations
Te3 or Not Te3, That is the Question: Modality Specific Receptive Language Areas
G. Kavya Minama Reddy

Neuromonitoring Changes in Pediatric Scoliosis
James Zuccaro, DC, DABNM, CNIM

Brainstem Auditory Evoked potentials Alarm Criteria: Are we crying wolf!!
Partha Thirumala MD, MS

6:00 p.m.
Closing Comments

6:05 p.m.
Networking Reception with Exhibitors

Sunday, October 28, 2012

7:00 a.m.
Continental Breakfast with Exhibitors; Registration

7:45 a.m.
Welcome & ASNM updates
Antoun Koht, MD, FASNM

8:00 a.m.
Intracranial Vascular Surgery and Embolization
Bernard Bendok, MD

8:30 a.m.
Functional Mapping During Surgery
Stephan Schuele, MD, MPH

9:00 a.m.
Updates in Neurophysiological Monitoring for Aneurysm Surgery
Laura Hemmer, MD

9:30 a.m.
Anesthesia Consideration for MEP and EMG
Christopher Seubert, MD, PhD, DABNM

10:00 a.m.
Morning Break with Exhibitors
Sponsored by Reliant Billing, Inc.

10:30 a.m.
Pedicule Screw Stimulation
Denis Casaubon, MS, CNIM

11:00 a.m.
Minimally Invasive Lumbar Surgery / Case Presentations
Antoun Koht, MD, FASNM

Minimally Invasive Lumbar Spine Surgery: A focus on Lateral and Transforaminal Interbody Fusion
Zachary Smith, MD

Anesthesia for Minimally Invasive Spine Procedures
Jay L. Shils, PhD, D.ABNM, FASNM

12:30 p.m.
Closing Comments
Antoun Koht, MD, FASNM
**Information**

### Symposium Objectives

At the completion of this symposium, participants should be able to:

- Discuss the comprehensive principles for conducting and interpreting intraoperative neurophysiological monitoring across multimodality applications of IONM
- Identify neuroanatomy and neurophysiology relevant to IOM
- Describe the principles and methods of recording and monitoring
- Develop an understanding of the elements for clinical decision making during IOM
- Develop an understanding of the basic aspects related to the business of IOM

### Course Descriptions

Experts from the international IONM community will examine common and important updates. Sessions include:

- Challenges for Monitoring & Anesthesia in Children
- Transforming Care Through Telemedicine
- The Direction of Telemedicine in Healthcare’s Future
- How Joint Commission Accreditation Enhances Patient Care
- The Impact of Healthcare Reform and Accountable Care for Hospitals, Physicians and Patients
- Telepresence IONM Staffing Models and Communications
- Anesthesia Consideration for MEP and EMG

### Target Audience

This symposium has been organized to meet the current needs of the following professionals:

- Professionals involved in interventional intraoperative neuromonitoring of evoked potentials, EMG and EEG during surgical procedures.
- Intraoperative monitoring professionals

Also:

- Neurophysiologists
- Neurologists
- ENT surgeons
- Nurses
- Neurosurgeons
- Orthopedists
- Anesthesiologists
- Audiologists

### Registration Fees

Registration fees include participation in and electronic materials for all session lectures, continental breakfast and breaks, and a networking reception.

<table>
<thead>
<tr>
<th>Registration Fees</th>
<th>Thru Oct. 19</th>
<th>After Oct. 19</th>
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<tbody>
<tr>
<td>ASNM Members</td>
<td>$475</td>
<td>$500</td>
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<tr>
<td>Nonmembers</td>
<td>$675</td>
<td>$700</td>
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<tr>
<td>Extra Ticket for Networking Reception</td>
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<td>Printed Handouts with Registration</td>
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<td>Printed Handouts without Registration</td>
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### Chicago Marriott Downtown Magnificent Mile

ASNM has secured a block of rooms at the Chicago Marriott Downtown Magnificent Mile at the special rate of $199 until October 5th. Book your reservations online or by calling (877) 303-0104. Please identify yourself as being with ASNM at the time of the reservation to receive the special group rate.

### Room reservations at [www.asnm.org/events](http://www.asnm.org/events).

### Committees

**Planning Committee (Chicago, IL)**

**Program Chair:** Gene K. Balzer, Ph.D., FASNM

**Program Co-Chair:** Jack Kartush, MD, FASNM
Faculty and Planners Disclosure Statement

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Gene K. Balzer, Ph.D., FASNM
Owner, The Balzer Group
has disclosed investment in Biotronic NeuroNetwork

Bernard R. Bendok, MD, FACS, FAANS, FAHA
Associate Professor of Neurological Surgery and Radiology, Northwestern University Feinberg School of Medicine
has disclosed income as a researcher for Elana, Inc., ABS Med, Codman & Shurtleff Inc., AHRQ and MicroVention Inc.

Denis Casaubon, MS, CNIM
Neurophysiologist
University of Chicago Medical Center
has disclosed no relevant financial relationships

Dr. E. Ray Dorsey, MD, MBA
Associate Professor of Neurology, The Johns Hopkins Parkinson’s Disease and Movement Disorders Center
has disclosed income as a consultant and researcher for Lundbeck, Medtronic and Google

Michael Dye, MPH
Senior Associate Director, Ambulatory Care Program, The Joint Commission
has disclosed no relevant financial relationships

Elizabeth E. Gerard, MD
Assistant Professor of Neurology
Comprehensive Epilepsy Center, Northwestern University
Department of Neurology
has disclosed no relevant financial relationships

Laura Hemmer, MD
Assistant Professor of Anesthesiology and Neurological Surgery, Northwestern University, Feinberg School of Medicine
has disclosed no relevant financial relationships

Jack Kartush, MD, FASNM
President, Michigan Ear Institute
has disclosed income as a consultant for Magstim Neurosign

Antoun Koht, MD, FASNM
Professor of Anesthesiology, Neurological Surgery and Neurology; Chief and Program Director of Neurosurgical Anesthesia, Northwestern University, Feinberg School of Medicine
has disclosed no relevant financial relationships

Tyler Koski, MD, BS
Neurosurgeon
Northwestern Medical Faculty Foundation
has disclosed income as a consultant for Medtronic, Nuvasive and Globus

Jonathan Linkous, MPA
Chief Executive Officer, American Telemedicine Association
has disclosed no relevant financial relationships

John McAuliffe, III, MD, MBA, FAAP
Director, Division of Neurobiology; IONM Section Chief, Cincinnati Children’s Hospital
has disclosed no relevant financial relationships

David Morledge, CCC-A, DABNM, FASNM
Manager, Neurostatus, LLC
has disclosed income as a consultant at DePuy

G. Kavya Minama Reddy
University of Chicago
has disclosed no relevant financial relationships

Stephen Schuele, MD, MPH
Associate Professor of Neurology, Director, Northwestern University Comprehensive Epilepsy Center; Medical Director, Neurological Testing Center, Northwestern Memorial Hospital
has disclosed no relevant financial relationships

Christoph Seubert, MD, PhD, DABNM
Chief, Division of Neuromonitoring; Director, Intraoperative Neurophysiological Monitoring Laboratory; Associate Professor of Anesthesiology, University of Florida, College of Medicine;
has disclosed no relevant financial relationships

Jay L. Shils, PhD, D.ABNM, FASNM
Director of Intraoperative Monitoring, The Lahey Clinic; Associate Professor in Neurosurgery, Tufts University School of Medicine
has disclosed no relevant financial relationships

Zachary Smith, MD
Assistant Professor in Neurological Surgery
Northwestern University, Feinberg School of Medicine
has disclosed no relevant financial relationships

Partha Thirumala MD, MS
Co-Medical Director, University of Pittsburgh Medical Center
has disclosed no relevant financial relationships

Vernon Leo Towle, PhD, FASNM
Professor of Neurology, Surgery, Pediatrics and Psychiatry
The University of Chicago
has disclosed no relevant financial relationships

James Zuccaro, DC, DABNM, CNIM
Director of intraoperative Monitoring
Shriners Hospital for Children Philadelphia, Pennsylvania
has disclosed no relevant financial relationships
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