

2013 ASNM Annual Meeting



May 2nd- May 5th, 2013

Hyatt Regency Boston - Boston, Massachusetts

Procedure Based IONM

&

State-of-the-Art Scientific Discussion

ASNM's 2013 Annual Meeting Agenda

Friday, May 3, 2013

7:00am - 7:10am

Introductions

Antoun Koht, MD, FASN;

Jay L. Shils, PhD, DABNM, FASN

Track 1

7:15am - 7:45am

IOM During Spinal Cord Surgery: A Neurosurgical Perspective

Francesco Sala, MD

7:50am - 8:30am

Spine Tumor IOM

Vedran Deletis, MD, PhD

8:35am - 8:50am

"Selective Dorsal Rhizotomy(SDR), A life changing state of the art procedure; Historical perspective and neurophysiology procedural overview"

Muhammad Tariq Imtiaz, MD, D.ABNM

8:55am - 9:25am

Spine Instrumentation Surgeon

Subu Magge, MD

9:25am - 9:45am

Morning Break with Exhibitors

9:50am - 10:20am

Monitoring Methods and Pitfalls During Spine Instrumentation

Jay L. Shils, PhD, DABNM, FASN

10:30am - 11:15am

Skull Base Surgeon

Carlos David, MD

11:20am - 11:55am

IONM During High Risk Skull Base Surgeries

Faisal Jahangiri, MD

Track 2

7:15am - 8:10am

Details of Spinal Cord Circuitry

Jeff Arle, MD, PhD

8:15am - 9:00am

Oligo, Mono and Poly Synaptic Spinal Reflexes and What They Mean to the IO-Monitorist

Louis Journee, MD, PhD

9:00am - 9:45am

Morning Break with Exhibitors

9:50am - 10:35am

Collision Studies in the Spinal Cord

Rich Toleikis, PhD

10:40am - 11:45am

SCI and Treatment

Leigh R. Hochberg, MD, PhD

11:45am - 12:00pm

Panel Discussion

Jeff Arle, MD, PhD

Jay L. Shils, PhD, DABNM, FASN

Vedran Deletis, MD, PhD

Louis Journee, MD, PhD

Leigh R. Hochberg, MD, PhD

12:00pm - 1:30pm

Lunch on Own

1:30pm - 2:10pm

Spine Patient Evaluation

Mark Stecker, MD, PhD

2:15pm - 2:45pm

Neurovascular Surgeon

Carlos David, MD

2:50pm - 3:20pm

Neurovascular IOM

Andrea Szeleyni, MD, PhD

3:25pm - 3:55pm

Afternoon Break with Exhibitors

4:20pm - 5:00pm

Abstract Presentations

5:05pm - 5:35pm

Awake Craniotomy Monitoring in Brain Tumor Resection

Julian Wu, MD, FACS

5:40pm - 6:20pm

Protecting Functionally Eloquent Structures during Supratentorial Surgery: Neurophysiologic Mapping and Monitoring Techniques

Mirella Simon, MD

6:25pm

Closing Comments

Saturday, May 4, 2013

7:00am - 7:10am

Introductions

Antoun Koht, MD, FASNM;

Jay L. Shils, PhD, DABNM, FASNM

7:15am - 7:45am

Cardio-thoracic Surgeon

Prem Shekar, MD

7:50am - 8:20am

Cardio-Thoracic IOM

Vern Gugino, MD, PhD

8:25am - 9:00am

Cranial Patient Evaluation

Mark Stecker, MD, PhD

7:15am - 8:05am

Deep brain stimulation in Movement Disorders

Diana Apetauerova, MD

8:10am - 9:00am

The Future of Neuromodulation

Ron Alterman, MD

9:00am - 9:30am

Morning Break with Exhibitors

9:35am - 10:20am

The Origin and Maturation of Nerve Action Potential (NAP) Recordings for Nerve Lesions in Continuity

David Kline, MD

10:25am - 10:55am

Peripheral Nerve IOM

Leo Happel, PhD

9:30am - 10:55am

IOM Research Topics

Mark Stecker, MD, PhD

John McAuliffe III, MD, MBA

11:00am - 11:50am

Presidential Lecturer: The Evolution of Intraoperative Neurophysiology in Intracranial Neurosurgery

Johannes Schramm, MD

12:00pm - 2:00pm

Business Lunch

2:00pm - 2:35pm

Functional Neurosurgeon

Jeff Arle, MD, PhD

2:40pm - 3:20pm

Microelectrode Recording: Technique and Function in a Changing OR Environment

Donald Weisz, PhD

3:25pm - 3:55pm

Afternoon Break with Exhibitors

4:00pm - 4:30pm

ENT IOM

Tracy Mishler, AuD

4:35pm - 5:05pm

IOM during endovascular procedures for spinal cord vascular malformations

Francesco Sala, MD

5:45pm - 7:00pm

Abstract Presentations

2:00pm - 2:45pm

“What is the Evidence for Neurological Monitoring and Spinal Surgery?”

Zoher Ghogawala, MD, FACS

2:50pm - 3:45pm

PubMed Searching What Can a Librarian Teach Me About Digital Resources

David Osterbur, PhD

Juliane Schneider

3:45pm - 4:15pm

Afternoon Break with Exhibitors

4:20pm - 4:50pm

Neurophysiological Markers of Motor Speech Related Cortical Areas

Vedran Deletis, MD, PhD

4:55pm - 6:00pm

Presentations

Sunday, May 5, 2013

8:00am - 8:10am

Introductions

Antoun Koht, MD, FASN

Jay L. Shils, PhD, DABNM, FASN

8:15am - 8:35am

“Starting a New Intraoperative Neurophysiological Monitoring Training Program; Clinical Need, Challenges and Requirements”

Muhammad Tariq Imtiaz, MD, D.ABNM

8:45am - 9:25am

Anesthesia for the Intraoperative Neurophysiologist: How Pre-existing Conditions and Various Drugs impact the Anesthesiologists Decision Process

Tod Sloan, MD, PhD, MBA

9:30am - 10:00am

Morning Break with Exhibitors

10:05am - 10:45am

The New IOM Codes - What Do They Mean to You

Rebecca Clark-Bash

10:50am - 12:25pm

Case Analysis

Antoun Koht, MD, FASN

Tod Sloan, MD, PhD,

12:25pm - 12:30pm

Closing Comments

Jay L. Shils, PhD, DABNM, FASN

Jack Hasting, MD

Symposium Objectives

Annual Meeting Objectives: The focus of this meeting is:

1. To gain a better understanding of how the surgeon views the role of IOM.
2. Understand IOM from a procedural standpoint instead of the common modality standpoint
3. Get a small picture of the future of IOM
4. Discuss the role of evidence-based medicine as it not only relates to IOM, but to medicine in general.

Session Descriptions

These sessions are designed to present IOM as they relate to surgical procedures. Common modalities are used across multiple procedures, yet the criteria used, the anatomy, the approach, the criticality of interpretation time, and the presentation of the data to surgeon needs to be adjusted for given procedures. Each procedure will have a lecture from a surgical specialist in that field followed by a lecture given by a neurophysiologist specialist in the field. The surgical lecture will include the anatomical approach, the points where the surgeon is most interested in IOM data, and times where IOM data may be given but may play less of a role due to certain conditions in the procedure. The physiologists lecture will include methodology, examples, and critical literature relating to monitoring the specific procedure.

Friday Advanced Session

This session will focus on some advanced neurophysiologic methods and how they relate to intraoperative monitoring at the level of the spinal cord. The spinal cord is not only a signal transmission line. The complex circuits of the spinal cord can be used as a monitoring pathway while abnormal changes in this circuitry can alter neurophysiologic tests in ways that can be useful in localization during surgery.

Saturday Advanced Session

This session is a combination of advanced Neuromodulation therapies, state of the art IOM research topics, and a detailed session on evidence based medicine.

Sunday Morning Session

No IOM symposium is complete without an overview of how anesthesia affects our signals, and how we can work as a team.

Changes in IOM reimbursement and there effect on both new and old IOM programs are unknown. What should IOMer need to know in these changing times? These are critical business elements of our field that are necessary for our survival. These will be presented at this time, along with an interactive session on IOM case analysis.

Target Audience

Beginner and advanced IOM practitioners including, technologist, neurophysiologist, MD's, and individuals involved in the business aspect of intraoperative monitoring.



Hyatt Regency Boston

ASNM has secured a block of rooms at the Hyatt Regency Boston at the special rate of \$199/night until April 11, 2013. Book your reservations online or by calling (617) 521-6333. Please identify yourself as being with ASNM at the time of the reservation to receive the special group rate.

Hyatt Regency Boston

One Avenue de Lafayette
Boston, Massachusetts, 02111

Room reservations at www.asnm.org.

Registration Fees

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

Register online at www.asnm.org.

Registration Fees	Thru April 19	After April 19
ASNM Members	\$595	\$645
Nonmembers	\$795	\$845
One-day Registration	\$350	
Student Registration	\$300	
Extra Ticket for Networking Reception	\$100	
ABNM Board Prep	\$150	\$175
CNIM Board Prep	\$100	\$125
Printed Handouts with Registration	\$200	
Printed Handouts without Registration	\$300	

Planning Committee

Jay L. Shils, PhD, DABNM, FASNM
Mark Stecker, MD, PhD, FASNM

Thank You To Our Sponsors

Gold Sponsors



Silver Sponsor



Bronze Sponsors

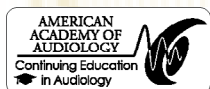


Event Sponsors



Continuing Education

The Interstate Postgraduate Medical Association will apply this live activity for AMA PRA Category Credit(s)[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity. 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 Interstate Postgraduate Medical Association and ASN. IPMA is accredited by the ACCME to provide continuing medical education for physicians.



ASN has applied to the American Academy of Audiology to offer Academy CEUs for this activity. Academy approval of this continuing education activity does not imply endorsement of course content, specific products, or clinical procedures.



ASN has applied to The American Society of Electroneurodiagnostic Technologists (ASET) for Continuing Education (ACE) credits for this program. Such crediting, however, should not be construed by program participants as endorsement of any type of instruments or supplies mentioned or involved in these presentations.