

## Target Audience/Learning Objectives

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 IONM as part of their routine practice or who are interested in learning more about IONM technique.

- ✓ 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.




American Society of  
Neurophysiological Monitoring  
20 North Michigan Avenue  
Suite 700  
Chicago, IL 60602

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**2010 ASNM  
FALL SYMPOSIUM**



**COMPREHENSIVE  
ADVANCES:  
NEUROPHYSIOLOGIC  
INTRAOPERATIVE  
MONITORING**

SATURDAY & SUNDAY OCTOBER 23-24, 2010  
CHICAGO MARRIOTT DOWNTOWN  
540 NORTH MICHIGAN AVENUE  
CHICAGO, ILLINOIS

The graphic features a vertical, 3D-rendered spine on the left side, set against a blue gradient background. The spine is shown in a perspective view, extending from the top to the bottom of the graphic.



## Hotel Registration

**Marriott Downtown Chicago**  
540 North Michigan Avenue,  
Chicago, Illinois 60611 USA  
Toll-free: 1-800-228-9290



ASNM Hotel Rate:  
\$169/night if reserved by Sept. 29, 2010

To reserve use group code: **nrlnrla** and go to:  
<http://www.marriott.com/hotels/travel/chidt-chicago-marriott-downtown-magnificent-mile/>

## Course Registration

### FEES:

Date	Member	Non-Member
Before Oct.13	\$425.00	\$525.00
After Oct.13	\$525.00	\$625.00

We have implemented a 100% automated registration system where both checks and credit cards are accepted!

To register go to:  
[www.signmeup.com/71596](http://www.signmeup.com/71596)

For registration information, contact:

Monica Clark  
Phone: 920.362.2737  
Email: [ASNMregister@gmail.com](mailto:ASNMregister@gmail.com)

## PROGRAM: SATURDAY, October 23, 2010

### Lectures: 7:45am to 5pm

Neurophysiologic Monitoring of Sensory Pathways: Evidence -Based Optimization of Technique & Methodology: *David MacDonald, MD*

Anesthetic Impact During Complex Spinal Cord Surgery: Co-operative Anesthetic Protocol Management For NeuroPhys Monitoring: *Ira Rampil, MS, MD*

Transcranial Motor Evoked Potentials: Practical Recommendations & Challenges for Implementing D-Wave Recording: *Eva Katharina Ritzl, MD*

Surgical Overview & Considerations: Perceived & Realized Expectation for the Neurophysiologic Monitoring Support Team: *Tyler Koski, MD*

Comprehensive Neural Structure Vigilance: Evidence-Based Neuro-Preservation: *David MacDonald, MD*

Spinal Cord Decompression: Comprehensive EMG Monitoring- Establishing the "Gold Standard": *Stan Skinner MD*

Surgical Overview & Considerations: Structural Risk, Outcome Concerns & Surgical Protocol Orientation: *Jose C. Dutra, MD*

Thyroidectomy & Neck Dissections: Optimization for Recurrent Laryngeal Nerve Monitoring: *Leo Happel, PhD, DABNM, FASNM*

Intraoperative Monitoring & Testing During Plexus & Peripheral Nerve Surgery: Updates & Practical Recommendations: *Leo Happel, PhD, DABNM, FASNM*

Carotid Endarterectomy & Mapping the Eloquent Cortex Collateral Perfusion Assessment: Point of Care EEG Monitoring Tools: *Ira Rampil, MS, MD*

Intracortical Mapping & Functional Identification: Methodology & Practical Applications: *Vernon Leo Towle, PhD, FASNM*

*Join us in the vendor area for cocktails: Saturday evening directly following lecture series.*

## PROGRAM: Sunday, October 24, 2010

### Lectures: 7:45am to 5pm

Managing Negative Environmental Influences Quality Neuromonitoring Data: Navigating the Sea of Electrical Artifact: *Vernon Leo Towle, PhD, FASNM*

Evidence-Based Management of Quality IONM Signal Acquisition: *Brett Netherton, MS, CNIM*

Intraoperative EMG: *Stanley Skinner, MD*

Cerebral Vascular Surgery & Craniotomy Surgical Overview & Considerations: Structural Risk, Outcome Concerns & Surgical Protocol Orientation: *Bernard Bendok, MD*

Aneurysm Surgery: Risk Factors, Monitoring Methodology, Outcome & Challenges: *Antoun Koht, MD*

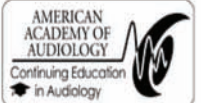
Cranial Nerve Monitoring: Evidence Based Technical Considerations & Updates: *Matt Cotton, MS, CNIM*

Real Time Data Interactive Session: Differentiating Horses From Zebras *Antoun Koht, MD & Tod Sloan, MD, MBA, PhD, FASNM*

Evoked EMG in Pedicle Screw Assessment: Method, Challenges & Practical Recommendations: *J. Richard Toleikis, PhD, DABNM*

Continental breakfast provided @ 7:15am both days.  
Lunch: on your own.

"ASNM is approved by the American Academy of Audiology to offer Academy CEUs for this activity. The program is worth a maximum of 1.4 CEUs. Academy approval of this continuing education activity does not imply endorsement of course content, specific products, or clinical procedures."



"The American Society of Electroneurodiagnostic Technologists has granted ASET Continuing Education [ACE] credits for this program. Such crediting, however, should not be construed by program participants as an endorsement of any type of instruments or supplies mentioned or involved in these presentations."



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