The American Society of Neurophysiological Monitoring presents

2011 Fall Symposium

Comprehensive Advances in Intraoperative Neurophysiologic Monitoring

Saturday, Oct. 22 - Sunday, Oct. 23
JW Marriott Chicago, Chicago, Illinois

FINAL PROGRAM
Welcome

The American Society of Neurophysiological Monitoring (ASNM) serves as the leading organization in the field of interventional neurophysiological assessment and monitoring.

As part of its mission, the ASNM fosters the growth and stature of neurophysiological monitoring as a profession and provides education and dissemination of knowledge in this field.

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

Cocktail Networking Reception
Saturday, 5:30 – 7:30 PM
Exhibitor Area, Lincoln Room

This activity has been planned and implemented in accordance with the Essential Areas in policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of The University of Chicago Pritzker School of Medicine and ASNM.

The University of Chicago Pritzker School of Medicine is accredited by the ACCME to provide continuing medical education for physicians. The University of Chicago Pritzker School of Medicine designates this live activity for a maximum of 13.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The American Society of Electroneurodiagnostic Technologists has granted ASET Continuing Education (ACE) credits (7.0 ACE Credits for Day 1 and 6.75 ACE Credits for Day 2) 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.

ASNM has applied to the American Academy of Audiology to offer Academy CEUs for this activity. The program is worth 1.2 CEUs. Academy approval of this continuing education activity does not imply endorsement of course content, specific products, or clinical procedures.
## Saturday, October 22, 2011

### SESSION ONE
Optimizing Intraoperative Neurmonitoring

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>8:00-8:30 a.m.</td>
<td>Evidence-Based Optimization of Technique and Methodology: Somatosensory Evoked Potentials Tod Sloan, MD, MBA, PhD</td>
</tr>
<tr>
<td>8:30-9:00 a.m.</td>
<td>Intraoperative Artifact Identification and Management: Tools to Enhance Data Quality Vernon L. Towle, PhD</td>
</tr>
<tr>
<td>9:00-9:30 a.m.</td>
<td>Anesthetic Impact During Surgery: Cooperative Anesthetic Protocol Management For Neurophysiologic Monitoring Tod Sloan, MD, MBA, PhD</td>
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9:30 a.m. — Lincoln Room
Break with vendors sponsored by Reliant Billing

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>10:00-10:30 a.m.</td>
<td>Minimally Invasive Procedures: ACDF-Monitoring Strategy and Challenges Jay Shils, PhD, DABNM, FASNМ</td>
</tr>
<tr>
<td>10:30-11:00 a.m.</td>
<td>Recurrent Laryngeal Nerve Monitoring: Comprehensive Applications-Beyond Thyroidectomy - Extensive Neck Dissection Leisha L. Osburn, DABNM</td>
</tr>
<tr>
<td>11:00-11:30 a.m.</td>
<td>Vascular Surgery Involving Neck Dissection: Carotid Endarterectomy Antoun Koht, MD</td>
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11:30 a.m.-1:00 p.m. — Lunch on your own

### SESSION THREE
Compliance and Health Care Reform

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>1:00-1:45 p.m.</td>
<td>The Impact of Health Care Reform on Physicians, Group Practices and Hospital-Physician Arrangements Jayme R. Matchinski, JD</td>
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<tr>
<td>1:45-2:30 p.m.</td>
<td>Developing a Compliance Plan for Your Intraoperative Monitoring Program Jayme R. Matchinski, JD</td>
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### SESSION FOUR
Intraoperative Monitoring: Data Interpretation and Real Time Assessment

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<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>3:00-3:30 p.m.</td>
<td>Interactive Session: Data Interpretation and Real Time Assessment: SSEP, MEP, EMG, EEG, MSEP, CRANIAL NERVE Tod Sloan, MD, MBA, PhD Antoun Koht, MD</td>
</tr>
<tr>
<td>5:30-7:00 p.m.</td>
<td>Networking and Vendor Reception: Wine &amp; Cheese</td>
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<tr>
<td>8:00-10:00 p.m.</td>
<td>Faculty Dinner</td>
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### SESSION FIVE
Neuromonitoring in Skull Based Procedures

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>8:00-8:40 a.m.</td>
<td>Cortical Function Mapping Mirela V. Simon, MD, MSc</td>
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<tr>
<td>8:40-9:10 a.m.</td>
<td>Cortical Function Mapping Mirela V. Simon, MD, MSc</td>
</tr>
<tr>
<td>9:10-9:40 a.m.</td>
<td>Interventional Radiology Demetrius K. Lopes, MD</td>
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<tr>
<td>9:30-10:00 a.m.</td>
<td>Interventional Radiology: Intraoperative Monitoring Practice Standards J. Richard Toleikis, PhD</td>
</tr>
<tr>
<td>10:00 a.m. — Lincoln Room</td>
<td>Break with vendors</td>
</tr>
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### SESSION SIX
Cerebral Vascular Surgery and Craniotomy

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>10:30-11:00 a.m.</td>
<td>Skull Based Surgery: A Surgeon’s Perspective Patrik Gabikian, MD</td>
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<tr>
<td>11:00-11:30 a.m.</td>
<td>Aneurysm &amp; AVM Antoun Koht, MD</td>
</tr>
<tr>
<td>11:30 a.m.-12:00 p.m.</td>
<td>Neuromonitoring of Arnold Chiari Malformation: Advances and Standards Jay Shils, PhD, DABNM, FASNМ</td>
</tr>
<tr>
<td>12:00-1:30 p.m.</td>
<td>Lunch on your own</td>
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### SESSION SEVEN
Complex Spine Surgery

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>1:30-2:15 p.m.</td>
<td>Spine Disorders and Corrections Leila Khorasani, MD</td>
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<tr>
<td>2:15-3:00 p.m.</td>
<td>Comprehensive Monitoring of the Spine Jay Shils, PhD, DABNM, FASNМ</td>
</tr>
<tr>
<td>3:00 p.m. — Lincoln Room</td>
<td>Break</td>
</tr>
<tr>
<td>3:15-4:00 p.m.</td>
<td>Evoked EMG in Pedicle Screw Assessment: Method, Challenges and Practical Recommendations J. Richard Toleikis, PhD</td>
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### SESSION EIGHT
Technical Aspects of IOM

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>4:00-4:30 p.m.</td>
<td>Comprehensive IOM Documentation Clare Gale, R. EEG/EP T, CNIM Rebecca Clark-Bash, R. EEG/EP T, CNIM, CLTM, FASNМ</td>
</tr>
<tr>
<td>4:30-5:00 p.m.</td>
<td>Managing an IOM Service: Challenges &amp; Recommendations Matt Cotton, MS</td>
</tr>
<tr>
<td>5:00 p.m.</td>
<td>Closing remarks and Adjournment Vernon L. Towle, PhD</td>
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</tbody>
</table>
Contributors

Faculty

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Secretary/Treasurer
Clare Gale, R. EEG/EP T, CNIM

Save the dates

Regional Symposium
December 3-4, 2011
Hyatt Regency Scottsdale
Scottsdale, Arizona

Winter Symposium
March 2-3, 2012
Clearwater Beach Hilton
Clearwater, Florida

Annual Meeting
May 4-6, 2012
Grand America Hotel
Salt Lake City, Utah

Regional Fall Symposium
October 27-28, 2012
Chicago, Illinois
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