

Program Schedule

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13th Annual Meeting of the American Society of Neurophysiological Monitoring

[Thursday, May 2, 2002](#)

[Friday, May 3, 2002](#)

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THURSDAY, MAY 2, 2002	
8:00 am-5:00 pm	ASNM Board Meeting
3:00 pm-5:00 pm	“Early Bird” Registration
5:00 pm-7:00 pm	CNIM and ABNM Certification Examination Review Moderators: Rebecca Clark-Bash, R. EEG/EP T., CNIM and H. B. Calder, PhD, DABNM, FASNM Rooms: Sussex and Cambridge
FRIDAY, MAY 3, 2002	
7:00 am-3:00 pm	General Registration
7:00 am-9:00 am	Continental Breakfast

8:00 am-8:15 am	Welcome and Opening Remarks: Program Chair Michael R. Isley, PhD, CNIM, DABNM, FASNM Room: Scotland
8:15 am-10:45 am	Intraoperative Transcranial and Microvascular Doppler (TCD and Moderator: Jeffrey R. Balzer, PhD, DABNM, FASNM
8:15 am-8:45 am	<i>TCD: Theory, Basic Applications and Insonation of the Vessels Circle of Willis</i> Mary Powell, BS, RVT
8:45 am-9:15 am	<i>Intraoperative Neuromonitoring During Carotid Endarterectomy Cardiac Surgeries Using TCD</i> Harvey L. Edmonds, PhD, FASNM
9:15 am-9:45 am	<i>MVD Monitoring During Cerebral Aneurysm Surgery</i> Julian Bailes, MD
9:45 am-10:00 am	Break: Refreshments with the Exhibitors
10:00 am-10:15 am	<i>Guidelines for Intraoperative Neuromonitoring Using TCD</i> Harvey L. Edmonds, PhD, FASNM
10:15 am-10:45 am	<i>Neurological Consequences of Microemboli</i> David A. Stump, PhD
10:45 am-12:00 pm	<i>Overview of New Intraoperative Neuromonitoring Technologies the Vendors</i> Moderator: Michael McCaffrey, PhD, DABNM, FASNM (10-15 min from each Exhibitor)
12:00 pm-1:30 pm	Lunch: On Your Own
1:30 am-2:15 pm	Presidential Lecture: <i>Research in the Operating Room and Intraoperative Neuromonitoring - History and Future</i> Aage R. Möller, PhD, FASNM Moderator: H. B. Calder, PhD, DABNM, FASNM
2:15 pm-3:35 pm	<i>Review of Anesthetic and Surgical Procedures</i> Moderator: David E. Morledge, PhD, CCC-A, DABNM, FASNM
2:15 pm-2:35 pm	<i>Vital Signs and Intraoperative Neuromonitoring</i> Tod Sloan, MD, PhD, FACS
2:35 pm-2:55 pm	<i>Carotid Endarterectomy Surgery</i> Michael Cohen, MD, FACS
2:55 pm-3:15 pm	<i>Spinal Instrumentation Surgery</i> Grady McBride, MD

3:15 pm-3:35 pm	<i>Skull Base Surgery</i> Max Medary, MD
3:35 pm-4:00 pm	Break: Refreshments with the Exhibitors
4:00 pm-5:30 pm	Contributed Paper Session Moderator: Ronald C. Pearlman, PhD, CCC-A, DABNM, FASNM
4:00 pm-4:15 pm	<i>What Is the True Therapeutic Target of Subthalamic Deep Brain Stimulation for Parkinson's Disease?</i> Jay Shils, PhD Michele Tagliati, MD and Ron Alterman, MD
4:15 pm-4:30 pm	<i>STN Intraoperative Neurophysiology Post a Previous Pallidotomy</i> Jay Shils, PhD Michele Tagliati, MD John Rogers, MD and Ron Alterman, MD
4:30 pm-4:45 pm	<i>The Hoffman's Reflex as a Reliable Adjunct to a Spinal Cord Motor Protocol: A Restrospective Report</i> Gayle E. Hicks, PhD, DABNM, FASNM
4:45 pm-5:00 pm	<i>Anesthesia and Temperature Effects on SSEPs Produced by Train Stimuli</i> Mark M. Stecker, MD, PhD, DABNM, FASNM Glenn Kent, BS Alison Escherich, BA, MPH Terry Patterson, PhD and Albert T. Cheung, MD
5:00 pm-5:15 pm	<i>The Risk of Secondary Injury in Neuromonitoring</i> Michael Russell, PhD
5:15 pm-5:30 pm	<i>Neurophysiological Monitoring During Detachable Coil Embolization for Cerebral Aneurysms</i> Jeffery R. Balzer, PhD, DABNM, FASNM Michael Horowitz, MD Donald Kreiger, PhD, DABNM, FASNM Donald J. Crammond, PhD Julie Genevro, RN, BSN Charles A. Jungreis, MD Robert Sclabassi, MD, PhD, DABNM, FASNM and Amin B. Kassam, MD
5:30 pm-5:45 pm	<i>Nerve Stimulation Under Constant Current and Constant Voltage Conditions: A Simplified Theoretical Model</i> Mark M. Stecker, MD, PhD, DABNM, FASNM

6:00 pm-7:30 pm	Wine and Cheese Reception With Vendors
SATURDAY, MAY 4, 2002	
7:30 am-9:00 am	Continental Breakfast and Late Registration
8:00 am-11:00 am	<i>Symposium on Motor Evoked Potentials (MEPs) Moderator:</i> Do PhD, FASNMM
8:00 am-8:30 am	<i>Anatomy of the Motor Pathways</i> Ronald E. Leppanen, PhD, DABNM, FASNMM
8:30 am-9:00 am	<i>Transcranial Electrical MEPs</i> Blair Calancie, PhD
9:00 am-9:30 am	<i>Transcranial Magnetic MEPs</i> Laverne Gugino, MD, PhD, FASNMM
9:30 am-10:00 am	Break: Refreshments with the Exhibitors
10:00 am-10:30 am	<i>Electrical Mapping of the Motor Cortex</i> Ronald E. Leppanen, PhD, DABNM, FASNMM
10:30 am-11:00 am	<i>MEPs: FDA, Institutional Review Board, and Informed Consen</i> York, PhD, FASNMM
11:00 am-12:00 pm	Contributed Papers Session Moderator: Vernon L. Towle, PhD, FASNMM
11:00 am-11:15 am	Intraoperative Neurophysiological Monitoring of the Spinal Cord

	<p>Function with Only Motor Evoked Potentials Dapeng Fan, MD, DABNM Daniel M. Schwartz, PhD, DABNM Anthony K. Sestokas, PhD, DABNM Alexander R. Vaccaro, MD Alan S. Hilibrand, MD and Todd J. Albert, MD</p>
11:15 am-11:30 am	<p>Failure to Elicit Reliable TCMEPs with FDA Approved Stimulator Vernon L. Towle, PhD Sozari Chkhenkeli, MD, PhD Christopher Sullivan, MD and Purnendu Gupta, MD</p>
11:30 am-11:45 am	<p>Pedicle Screws with High Electrical Resistance: A Potential Source Error with Stimulus-Evoked EMG D. Greg Anderson, MD Lawrence R. Wierzbowski, AuD, DABNM Daniel M. Schwartz, PhD, DABNM Alan S. Hilibrand, MD Alexander R. Vaccaro, MD and Todd J. Albert, MD</p>
11:45 am-12:00 pm	<p>Intraoperative EMG Monitoring Limitations Robert E. Minahan, MD Allan S. Mandir, MD, PhD Lee H. Riley, III, MD Allan J. Belzberg, MD Paul D. Sponseller, MD and John P. Kostuik, MD</p>
12:00 pm-1:30 pm	<p>Lunch: Business Meeting and Awards Moderator: H. B. Calder, PhD, DABNM, FASNM Room: Great Hall East/West</p>
1:30 pm-2:45 pm	<p>Other Modalities of Intraoperative Neuromonitoring Moderator: W Martin, PhD, DABNM, FASNM</p>
1:30 pm-2:00 pm	<p>Monitoring Cranial Nerves Patti Wharf, RN, MS, CNIM</p>
2:00 pm-2:45 pm	<p>Intraoperative Neuromonitoring for Spinal Cord Function J. Richard Toleikis, PhD, DABNM, FASNM</p>
2:45 pm-3:00 pm	<p>Break: Refreshments with the Exhibitors</p>

3:00 pm-4:45 pm	<i>Analog and Computer-Processed EEG</i> Moderator: Tod Sloan, MD, PhD, FASNM
3:00 pm-3:45 pm	A Historical Perspective of the Development of Computer-Process EEG Ira Rampil, MS, MD
3:45 pm-4:15 pm	Anesthetic Effects on the EEG and Evoked Potentials Michael E. Mahla, MD, PhD, FASNM
4:15 pm-4:45 pm	Depth of Anesthesia and the EEG Marc J. Bloom, MD, PhD, FASNM
Gala Festivities	Pleasure Island
SUNDAY, MAY 5, 2002	
8:00 am-9:00 am	<i>Controversies in Intraoperative Neuromonitoring</i> Moderators: M Stecker, MD, PhD, DABNM, FASNM Vedran Deletis, MD, PhD and William H. Martin, PhD, FASNM <i>Topics: MEPs; Remote Monitoring: Models, Dilemmas, and Controversies; and more</i>
9:00 am-10:00 am	<i>Clinical Forum: Case Presentations</i> Moderators: Jeffrey R. Balzer, PhD, DABNM, FASNM, Vedran Deletis, MD, Robert E. Minahan, MD and Jefferson C. Slimp, PhD
10:00 am-10:15 am	Break: Refreshments with the Exhibitor
10:15 am-12:30 pm	Contributed Papers Session Moderator: Bernie A. Cohen, PhD, DABNM, FASNM
10:15 am-10:30 pm	Pedicle Screw Stimulation in Minimally Invasive Spinal Instrumentation A. Liz Roedel, MS, DABNM Steven M. Zak, MD Richard G. Fessler, MD, PhD Robert Isaacs, MD and Mick Perez-Curet, MD

12:00 pm	Adjournment: Program Chair Michael Isley, PhD, CNIM, DABNM, FASN
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