



Surgical Neurophysiology 2017:
Leading Edge Science and Controversies in Practice

2017

ASNM WINTER SYMPOSIUM



**The US Grant Hotel
San Diego, California
February 25-26, 2017**



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2017 Winter Symposium

Symposium Objective

The focus of this meeting is to develop and reinforce knowledge of important IONM guidelines.

Target Audience

Beginner and advanced IOM practitioners including technologists, neurophysiologists, physicians, and individuals involved in the business aspect of intraoperative neuromonitoring.

Symposium Description

The symposium will focus on interventional neurophysiological assessment and monitoring. Leading edge science and controversies in practice will be discussed, giving a greater understanding of where we are and where we are going.

Planning Committee

Jeffrey Gertsch, MD, ScD	LanJun Guo, MD
Kimberly LaBounty, Executive Director	Jennifer Fininis, Meeting Coordinator
Liz Tinley, Continuing Education	

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Continuing Education

The American Society of Neurophysiological Monitoring (ASNM) designates this live activity for a **maximum of 10.5 AMA PRA Category 1 Credit(s)TM**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.



ASNM Continuing Education Credit (CEU)

ASNM is an ABRET approved provider of continuing education for their IONM related credentials. ABRET is the credentialing board for Electroencephalographic (EEG) Technologists, Evoked Potential (EP) Technologists, and Neurophysiologic Intraoperative Monitoring (CNIM) Technologists, Long Term Monitoring (CLTM) Technologists, and Autonomic Testing Professionals (CAP). 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. Please be advised that for continuing education hours to apply towards the EEG test, they must be ASET CEUs; however, ASNM CEUs are eligible for the recertification of the EEG credential as well as towards CNIM and EP credentials and recertification. For more information about ASNM Continuing Education credits, please visit www.ASNM.org. **This activity is approved for 10.5 hours.**



CME

ASNM is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.



Saturday, February 25, 2017

7:00 AM - 7:55 AM

Breakfast with Exhibitors

7:55 AM - 8:00 AM

Welcome and Introduction of Sessions and Speakers

8:00 AM - 8:45 AM

Evolution of Neuromonitoring Equipment: A DIYer's Perspective

Andrew Goldstein, CNIM

8:45 AM - 9:30 AM

Cranial Neuropathies, Microvascular Decompression:
Where are We Now with Neuromonitoring?

Lilit Mnatsakanyan, MD

9:30 AM - 10:00 AM

Break with Exhibitors

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10:00 AM - 10:45 AM

Transab MEPs

Jeff Gertsch, MD

10:45 AM - 11:30 AM

Communication in IONM, Let's Talk

Joseph Moreira, MD

11:30 AM - 12:15 PM

Intraoperative Mapping of the Sensorimotor Cortex:
A Cause Célèbre?

Richard Vogel, PhD, DABNM



Saturday, February 25, 2017

12:15 PM - 1:30 PM

Lunch on your own

1:30 PM - 2:15 PM

Language Testing from the Neuropsychologist's Perspective

Marc Norman, PhD, ABPP

Amanda Gooding, PhD

2:15 PM - 3:00 PM

Underlying Mechanisms of High Frequency Spinal Cord
Stimulation for Pain Therapies

Jay Shils, PhD, DABNM, FASNM

3:00 PM - 3:30 PM

Break with Exhibitors

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3:30 PM - 4:15 PM

Evoked Potential Markers for Intervention Efficacy During
Intracranial Vascular Procedures

Robert N. Holdefer, PhD

4:15 PM - 5:00 PM

The Business of IOM

Yafa Minazad, DO, D-ABCN

5:00 PM - 5:15 PM

Closing Comments, Meeting Adjourned

5:15 PM - 7:30 PM

Evening Reception with Exhibitors



Sunday, February 26, 2017

7:00 AM - 7:55 AM

Breakfast with Exhibitors

7:55 AM - 8:00 AM

Introduction of Sessions and Speakers

8:00 AM - 8:45 AM

Monitoring Shoulder Arthroplasty Procedures

W. Bryan Wilent, PHD, DABNM

8:45 AM - 9:30 AM

The Promise and Pitfalls of Propofol for Evoked
Potential Monitoring

Jeremy Lieberman, MD

9:30 AM - 10:00 AM

Break

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10:00 AM - 10:45 AM

MEP's with Different Stimulating Sites

Lanjuan Guo, MD

10:45 AM - 11:30 AM

Cervical Screw Research

Erik Curtis, MD

11:30 AM - 12:15 PM

Neuromonitoring of the Condylar Screw Placement for
Craniocervical Fusion

Marat Avshalumov, PhD

12:15 PM

Closing Comments, Meeting Adjourned



Faculty

Marat Avshalumov, PhD

Chief Neurophysiologist
Neurological Surgery, P.C

Erik Curtis, MD

Associate Professor
University of Washington Medical
School

Jeff Gertsch, MD

Assistant Professor and Director
Interventional Neurophysiology
University of California
San Diego School of Medicine

Andrew Goldstein, CNIM

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Amanda Gooding, PhD

Assistant Clinical Professor of
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Lanjun Guo, MD

Senior Surgical Neurophysiologist
University of California
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Robert N. Holdefer, PhD

Associate Professor
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Jeremy Lieberman, MD

Professor of Anesthesia
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Yafa Minazad, DO, D-ABCN

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Jay Shils, PhD, DABNM, FASNM

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Associate Professor in
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Richard Vogel, PhD, DABNM

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W. Bryan Wilent, PhD, DABNM

Vice President of
Quality and Clinical Performance
SpecialtyCare, Inc.



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Marat Avshalumov, PhD

has disclosed no relevant financial relationships

Erik Curtis, MD

has disclosed no relevant financial relationships

Andrew Goldstein, CNIM

has disclosed income from SpecialtyCare, Inc.

Jeff Gertsch, MD

has disclosed no relevant financial relationships

Amanda Gooding, PhD

has disclosed no relevant financial relationships

Lanjun Guo, MD

has disclosed no relevant financial relationships

Robert N. Holdefer, PhD

has disclosed no relevant financial relationships

Jeremy Lieberman, MD

has disclosed no relevant financial relationships

Yafa Minazad, DO, D-ABCN

has disclosed no relevant financial relationships

Lilit Mnatsakanyan, MD

has disclosed income from University of California, Berkeley, advisory board

Joseph Moreira, MD

has disclosed no relevant financial relationships

Marc Norman, PhD, ABPP

has disclosed no relevant financial relationships

Jay Shils, PhD, DABNM, FASNM

has disclosed income from Globus, Inc., advisory board and Engineurix, advisory board and ownership interest

Richard Vogel, PhD, DABNM

has disclosed no relevant financial relationships

W. Bryan Wilent, PhD, DABNM

has disclosed no relevant financial relationships



Navigating Legal Issues in Neuromonitoring

Wednesday, March 15th at 7:00 PM EST

Eric D. Fader - Counsel at Day Pitney LLP

Applied for (1) hour of ASNM-CEUs and *AMA PRA Category 1 Credit™*

Learning Objectives

- Identify legal issues affecting relationships among IONM entities, DABNMs, technologists and monitoring physicians
- Improve contractual and day-to-day relationships with hospitals
- Identify state and federal regulatory landmines

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