

ASNM 2022 Annual Meeting

L AH-L AH - (Avg) - 09 30 29

RAH-RAH - (Avg) - 09 30

Friday May 20 – Sunday May 22, 2022

Friday May 20th

Track: Education
8:00am–6:30pm

Track 2: Controversies in IONM
8:00am–3:30pm

Welcome Announcement
Laura Hemmer

Welcome Announcement
Bryan Wilent

The Basics
Moderator: Clare Gale

Basic Concepts Challenged
Moderator: Tara Stewart

8:00–8:30 am

MEPs
JP Clark

Hebbian Model Revisited
Tara Stewart

8:30–9:00 am

SSEPs
Clare Gale

Basal Ganglia Circuit Updates
Margaret Rice

9:00–9:30am

EMG
Aaron Beverwyk

Connectome Based Neurosurgery
Michael Sughrue

30 Minute Break with Exhibitors

Endovascular
Moderator: Marat Avshalumov

MisMash
Moderator: Faisal R. Jahangiri

10:00–10:45 am

Endovascular: The Basics
Bryan Wilent

10:00–10:30 am

BAEPs Alarm Criteria Revisited
Cheryl Wiggins

10:45–11:15 am

When to go to the Endovascular suite vs OR
Matt Koch

10:30–11:00 am

Animal Models in Spinal Cord Damage
Vishal Sarwahi

11:15–11:45 am

Cerebral Blood Flow Anatomy and Physiology
Josh Mergos

11:00–11:30 am

Ethics of Intraoperative Neurophysiology
Stan Skinner

11:45 am–12:30 pm

Endovascular: The Advanced
Bryan Wilent

11:30 am–12:30 pm

Favorite Paper of the Year
Lanjuan Guo, Faisal R. Jahangiri, Robert N. Holdefer, Miriam Donohue

90 Minute Break

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R AH-R AH - (Avg) - 09 30

Cranial Monitoring *Jeffrey R. Balzer*

Subcortical Monitoring *Moderator: Justin Silverstein*

2:00–2:30 pm
ABRs ro MVD and Brainstem Tumors:
Alerts and Interpretation
Jeffrey R. Balzer

Adjustable Dynamic Subcortical Stimulation
Justin Silverstein

2:30–3:00 pm
Cranial Nerve Monitoring
Lanjuan Guo

Direct Thalamocortical SSEPs
Mirela Simon

3:00–3:30 pm
CoMEPs
Rich Vogel

Subcortical Monitoring
Jeremy Bamford

30 Minute Break

Spine Monitoring *Tara Stewart*

4:00–4:30 pm
Neuromuscular Blockade and EMG
Frenec Ribai

4:30–5:00 pm
Spinal Cord Mapping
Chris Pace

5:00–5:30 pm
Pedicle Screw Testing: Controversies
Miriam Donohue

The Big Debate!

5:30–5:45 pm
1. TcMEP Alarm Criteria: Threshold Alerts
versus Contextual Alerts
Threshold : Rebecca Clark-Bash
Contextual: JP Clark

5:45–6:00 pm
2. SSEP Alarm Criteria: Helpful Rule versus
Arbitrary Rule
Helpful Rule: Clare Gale
Arbitrary Rule: Melissa Miles

6:00–6:15 pm
3. TcMEP Nerve Root Monitoring in Lumbars
Pro: Bryan Wilent
Con: Tara Stewart

6:15–6:30 pm
4. Quadripolar versus C3/C4 TcMEP stim
Ernesto Lima
Chris Pace

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R AH - R AH - (Avg) - 09 3

Saturday May 21st

Track 1: Education

8:00am–6:30pm

Pediatrics: The Mini-Adult Fallacy

Moderator: Michelle Mora

Track 2: Begins at

10:00am–6:30pm

8:00–8:30 am

MEPs
Caley Dunn

8:30–9:00 am

SSEPs
John McAuliffe

9:00–9:30am

Cauda Equina
Kathryn Overzet

30 Minute Break with Exhibitors

Technical

Moderator: Rebecca Clark-Bash

Does IONM Make a Difference?

Moderator: John P. Ney

10:00–10:05 am

Quick Setup Lightning Round -
10/20 measurement for TcMEP/SSEP
Rebecca Clark-Bash

10:00–10:30 am

The Problem with the Claims
Dataset Research
John P. Ney

10:05–10:10 am

Quick Setup Lightning Round -
Quadripolar stim
Ernesto Lima

10:30–11:00 am

The Value of IONM: When is it Not
Necessary
Marc Nuwer

10:10–10:15 am

Quick Setup Lightning Round -
Saphenous SSEPs
Justin Silverstein

11:00–11:30 am

A,B,Cs on Structuring IONM
Experiments for Beginner
Researchers
Natalie Peartree

10:15–10:20 am

Quick Setup Lightning Round -
CoMEPs
Rich Vogel

11:30 am–12:00 pm

Casual Model for IONM Research
Robert N. Holdefer

10:20–10:25 am

Quick Setup Lightning Round -
H reflex
Justin Silverstein

The Big Debate!

10:25–10:30 am

Questions

12:00–12:15 pm

Routine Use of CoMEPs
Rich Vogel
Faisal Jahangiri

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10:30–11:00 am

Troubleshooting Recording Artifacts
Josh Mergos

12:15–12:30 pm

**Thyroid Surgery:
CNX EMG versus LAR**
Tom Epplin-Zapf
Tara Stewart

11:00–11:30 am

**Troubleshooting Stimulation
Problems**
David Zimmerman

11:30 am–12:00 pm

Hacking Poor Responses
Chris Martin

12:00–12:30 pm

**Interactive: ID the Technical Artifact/
Problem**
Taylor Mazurek

90 Minute Break

Vascular IONM
Lanjun Guo

Anesthesia
Moderator: Laura Hemmer

2:00–2:30 pm

Transcranial Doppler in CEA
Lanjun Guo

Anesthesia and the Synapse
Jimcy Platholi

2:30–3:00 pm

CEA "Talk"
Jay Shils

Brain Areas Involved in Anesthesia - Modify
Laura Hemmer

3:00–3:30 pm

SSEPs as Diagnostic Tool for CEA Patients
Jeffrey R. Balzer

Anesthesia on MEPs (Spinal Nerve End MEPs)
Christoph Seubert

30 Minute Break

Interpreting Response
Moderator: Cheryl Wiggins

IONM and Technology
Moderator: Jay Shils

4:00–4:30 pm

How to Assess a Research Paper
Alan B. Ettinger

AI in Automated Classification of cEMG
Robert Sclabassi

4:30–5:00 pm

IONM Interpretation
Olga Stakhovskaya

MERs vs Imaging
Jay Shils

5:00–5:30 pm

Name That Change!
Julie Trott

Monitoring CNXII for Sleep Apnea Surgery
Oleg Modik

ASNM 2022 Annual Meeting

5:30–6:00 pm

Posters

Will Optical Imaging Replace Motor Mapping
Yingchen Song (ASNM member)

6:00–6:30 pm

Machine Learning in Neurosurgery
OMar Arnaout

Sunday May 22nd

Track 1: Education

8:00am–12:30pm

The Unexpected - Interactive Case Studies

Faisal Jahangiri

8:00–8:40 am

Case Studies Part 1
Michelle Mora

8:40–9:00 am

Audience Discussion

9:00–9:40am

Case Studies Part 2
Justin Silverstein

9:40–10:00am

Audience Discussion

10:00–10:40am

Case Studies Part 3
Faisal Jahangiri

10:40–11:00am

Audience Discussion

30 Minute Break

The Business & Billing of IONM

TBD

11:30am–12:00pm

Basics of Billing
Ryan Rosenhahn

12:00–12:30 pm

Billing Abuses: Why is this Important?
TBD