

ASNM 2024 Annual Meeting

Neuromonitoring

Expanding Reach & Optimizing Benefit

Friday • May 17

7:15-8:00am

Breakfast with Exhibitors

Track 1: IONM Basics Part I (CEUs only)

Moderator: Julie Trott, MS

Track 2: Vascular Concepts

Moderator: Jeffrey Balzer, PhD

8:00-8:05am	Introductions
8:05-8:30am	Dipoles and the Cerebral Cortex <i>David Zimmerman, BS</i>
8:30-8:55am	Filters and Amplifiers <i>Brett Netherton, MS</i>
8:55-9:20am	Waveform & Polarity Review <i>Kristina Young, BS</i>
9:20-9:45am	Interactive Q&A

8:00-8:05am	Introductions
8:05-8:30am	IONM in Carotid Surgery <i>Cinira Diogo, PhD</i>
8:30-8:55am	Benefits of IONM in Descending Aortic Surgery <i>Mirela Simon, MD</i>
8:55-9:20am	Value of IONM During Open Cerebral Aneurysm Treatment <i>Jeffrey Balzer, PhD</i>
9:20-9:30am	Advanced Intraoperative Neurophysiology to aid in resection of eloquent area brain Arteriovenous Malformation <i>Mitali Bose, MS</i>
9:30-9:45am	Interactive Q&A

9:45-10:25am

Break with Exhibitors

IONM Basics Part I (CEUs only)

Moderator: Julie Trott, MS

Novel Procedures & Techniques

Moderator: Ernesto Lima, MD

10:25-10:30am	Introductions
10:30-10:55am	History of Spinal Instrumentation <i>Clare Gale</i>
10:55-11:20am	Spinal Cord Monitoring <i>Trei King</i>
11:20-11:45am	Cranial Nerve Monitoring <i>Lucas Bridgeman</i>
11:45am-12:10pm	Interactive Q&A

10:25-10:30am	Introductions
10:30-10:55am	Advances in Cortico-Cortical Evoked Potentials <i>Sebastian Fournier, PhD</i>
10:55-11:20am	Advancements in Neurostimulation <i>Jon Block</i>
11:20-11:45am	Intraoperative Neurophysiology: Novel Procedures & Techniques <i>Adauri Bueno de Camargo, MD</i>
11:45-11:55am	Twice the Insight, Double the Challenge: Advancements in Neuromonitoring for the Surgical Separation of Pygopagus and Ischiopagus Conjoined Twins: A Dual Case Study. <i>Vizmary Montes Pina, MD</i>
11:55am-12:10pm	Interactive Q&A

12:10-1:30pm

Lunch on Your Own

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ASNM 2024 Annual Meeting

CNIM Concepts Mini-Course		Neuromodulation Concepts <i>Moderator: Tom Epplin-Zapf, MS</i>	
1:30-2:00pm	Test Strategies & Pitfalls <i>James Watt, BS</i>	1:45-1:50pm	Introductions
2:00-2:30pm	EEG for IONM Interactive Session <i>Michelle Mora, DO</i>	1:50-2:15pm	AI and Machine Learning in Neuromodulation and MER systems <i>Jay Shils, PhD</i>
2:30-3:00pm	From Click to Vertex: the anatomy and technique of BAEP recordings <i>Scott Crosby, BS</i>	2:15-2:40pm	Evoked Potentials and the Future of Neuromodulation for Neuropsychiatric Disorders <i>Bryan Wilent, PhD</i>
		2:40-3:05pm	Intraoperative monitoring techniques for improved efficacy in pain neuromodulation <i>Jason Coleman, BS</i>
CNIM-CS Micro Credential		3:05-3:15pm	IONM Direct (D) Waves: Marker of CorticoSpinal Tract (CST) Stability in Medullar-Cervical Junction Tumor Resection amid Motor Evoked Potentials (MEP) Losses <i>Ryan Conant, BS</i>
3:00-3:30pm	Overview of the CNIM-CS Micro Credential <i>Stephanie Krouse, MS</i>	3:15-3:30pm	Interactive Q&A
3:30-4:00pm	Break with Exhibitors		
DABNM Concepts Mini-Course		Facts and Fiction: IONM During Tumor Resections <i>Moderator: Mitali Bose, MS</i>	
4:00-5:30pm	DABNM Concepts Mini-Course <i>Jeffrey Balzer, PhD</i> <i>Rich Vogel, PhD</i>	4:00-4:05pm	Introductions
		4:05-4:30pm	Mapping and Monitoring Beyond the Corticospinal Tract <i>Linda Bi, MD, PhD</i>
		4:30-4:55pm	Mapping and Monitoring Beyond CST: Technical Nuances <i>Matthew Toczylowski, BS</i>
		4:55-5:10pm	Interactive Q&A
5:30-7:30pm	Networking Reception With Exhibitors		

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ASNM 2024 Annual Meeting

Saturday • May 18

7:15-8:00am

Breakfast with Exhibitors

Tumors: Guiding Maximal Resection vs Functional Preservation

Moderator: JP Clark

8:00-8:05am Introductions

8:05-8:30am Supratentorial Tumors
Olga Stakhovskaya, MD, PhD

8:30-8:55am Brainstem Tumors
Matt Hoffman, DO, PhD

8:55-9:20am Intramedullary Spinal Cord Tumors
Noah Willett, BS

9:20-9:30am The predictive value of intraoperative facial motor evoked potentials for facial outcomes in cerebellopontine angle tumor surgery: A systematic review and meta-analysis
Szu-Yen Pan, MD

9:30-9:45am Interactive Q&A

9:45-10:25am

Break with Exhibitors

Past President's Speaker

Moderator: Bryan Wilent, PhD

10:25-10:30am Introduction

10:30-11:10am Best Practices in Facial Nerve Monitoring
Christoph Seubert, MD & Kent Rice, MS

Presidential Speaker

Moderator: Lanjun Guo, MD

11:10-11:15am Introduction

11:15 am-12:00pm Dissecting the Neurophysiology of Words
Edward Chang, MD

12:15-1:45pm

Business Luncheon

Neuromonitoring for Spinal Fusion Surgery

Moderator: Brian Ahuja, MD

1:55-2:00pm Introduction

2:00-2:25pm XLIF: Bridging the Gap Between Surgeon and Tech
Robert Potter

2:25-2:50pm Case Examples in Cervical Spine Fusion: What to Consider and How to Communicate the Changes
Craig Carroll, DO

2:50-3:15pm Neuromonitoring During Pediatric Scoliosis Correction
Misha Frenkel, PhD

3:15-3:30pm Interactive Q&A

3:30-4:00pm

Break with Exhibitors

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ASNM 2024 Annual Meeting

Illustrative Cases - Why the Little Things Make a Big Difference

Moderator: Aaron Beverwyk, MS

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| 4:00-4:05pm | Introduction |
| 4:05-4:30pm | Spine Surgery - Illustrative Cases
<i>Allen Mandir, MD, PhD</i> |
| 4:30-4:55pm | Brain Surgery - Illustrative Cases
<i>Callan Brodrick, MS</i> |
| 4:55-5:10pm | Interactive Q&A |

Dinner On Your Own

Sunday • May 19

7:15-8:00am

Breakfast with Exhibitors

Preservation of Cranial Nerve Function

Moderator: Maria Tellez

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| 8:00-8:05am | Introductions |
| 8:05-8:30am | VEPs for Monitoring the Optic Nerve and Chiasma: Setup, Warning Criteria and Correlation with the Visual Field Outcome
<i>Javier Urriza Mena, MD</i> |
| 8:30-8:55am | Do Not Fear Posterior Fossa Surgeries: Step-By-Step Complex Setups
<i>Alba Díaz Baamonde, MD</i> |
| 8:55-9:20am | Brainstem Reflexes: Worth the Effort
<i>Maria J. Tellez, MD</i> |
| 9:20-9:30am | Triggered Electromyographic Contamination of Sensory Antidromic Potentials during Trigeminal Nerve Root Mapping
<i>John P. Clark, PhD</i> |
| 9:30-9:45am | Interactive Q&A |

9:45-10:20am

Break to check out of hotel

Advanced MEPs

Moderator: David Allison, PhD

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| 10:25-10:30am | Introductions |
| 10:30-10:40am | A Comparative Effectiveness Study of Bipolar and Linked Quadripolar Stimulation Techniques for Eliciting Intraoperative Transcranial Motor Evoked Potentials
<i>Joseph Haddad, BS</i> |
| 10:40-11:05am | Transabdominal MEPs
<i>David Allison, PhD</i> |
| 11:05-11:30am | Transcranial vs. Direct Cortical Motor Evoked Potentials: Enhancing the Patient Safety and Surgical Precision
<i>Faisal Jahangiri, PhD</i> |
| 11:30-11:55am | Pediatric TcMEPs: An Update
<i>Alier Franco, MD</i> |
| 11:55am-12:10pm | Interactive Q&A |
| 12:10-12:15pm | Closing Comments
<i>Rich Vogel, PhD</i> |