

Mayo Clinic Electromyography (EMG), Electroencephalography (EEG), and Neurophysiology in Clinical Practice 2025

Ritz-Carlton, Amelia Island, FL

February 16 – 22, 2025

Agenda Time are Eastern Standard Time

Sunday, February 16, 2025

EMG

7:15 a.m.	7:45 a.m.	Registration, Exhibits & Continental Breakfast
7:45 a.m.	8:00 a.m.	Welcome Devon I. Rubin, M.D.
8:00 a.m.	8:45 a.m.	Basics of Nerve Conduction Studies, F Waves, and H Reflexes Brian A. Crum, M.D.
8:45 a.m.	9:30 a.m.	Uncommon Motor Nerve Conduction Studies, F Waves, and H Reflexes Sarah E. Berini, M.D.
9:30 a.m.	10:00 a.m.	Break and Exhibits
10:00 a.m.	10:45 a.m.	Uncommon Sensory Studies and Blink Reflexes Jennifer M. Martinez-Thompson, M.D.
10:45 a.m.	11:30 a.m.	Repetitive Nerve Stimulation Michael Skolka, M.D.
11:30 a.m.	12:30 p.m.	Pitfalls of Nerve Conduction Studies Devon I. Rubin, M.D.
12:30 p.m.	1:30 p.m.	Lunch
1:30 p.m.	5:30 p.m.	Workshops – Nerve Conduction Studies (All attendees participate in every workshop) Upper Extremity Motor – Common Upper Extremity Motor – Uncommon Upper Extremity Sensory Lower Extremity Motor and Sensory
5:30 p.m.		Adjourn

Monday, February 17, 2025

EMG

7:30 a.m.	8:00 a.m.	Registration, Continental Breakfast, and Exhibits
8:00 a.m.	8:30 a.m.	Technique of Needle Examination Devon I. Rubin, M.D.
8:30 a.m.	9:30 a.m.	Needle EMG of Uncommon Muscles Eric J. Sorenson, M.D.
9:30 a.m.	9:45 a.m.	Break & Exhibits
9:45 a.m.	11:30 a.m.	EMG Waveform Analysis: Introduction Devon I. Rubin, M.D.
11:30 a.m.	12:00 p.m.	How to Write a Perfect EMG Report Elizabeth Mauricio, M.D.
		Concurrent Session (Technician Track)
8:00 a.m.	8:45 a.m.	Troubleshooting and Tips for Performing Perfect Nerve Conduction Studies Jennifer Walkord

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To submit a question and respond to polls, download the **VEVOX** app or go to vevox.app.

Join using the **VEVOX** Session ID:

8:45 a.m.	9:30 a.m.	Approach to Carpal Tunnel Syndrome Rebekah Lindsey
9:30 a.m.	10:15 a.m.	Approach to Ulnar Neuropathy Lisa Thomas
10:15 a.m.	11:00 a.m.	Approach to Peripheral Neuropathy Genevive Hall
11:00 a.m.	11:30 a.m.	Q&A Panel Discussion
12:00 p.m.	1:00 p.m.	Lunch
1:00 p.m.	5:30 p.m.	Workshops – Needle EMG (All attendees participate in every workshop). (LIVESTREAM PARTICIPANTS: Prerecorded Demonstrations available to watch online) Needle Technique and Practical Points Common Upper Extremity Common Lower Extremity Uncommon Upper Extremity
5:30 p.m.		Adjourn

Tuesday, February 18, 2025		
EMG Approaches to Common Disorders		
7:30 a.m.	8:00 a.m.	Registration, Continental Breakfast, and Exhibits
8:00 a.m.	12:15 p.m.	A Morning of EMG Waveforms: Food, Fun, and Fibrillations Devon I. Rubin, M.D. and Ruple S. Laughlin, M.D.
		Learning to Master Recognition of MUP Parameters Test your Skills: Who Wants to be an Electromyography? Devon I. Rubin, M.D. and Ruple S. Laughlin, M.D.
12:15 p.m.	12:30 p.m.	Pick up Lunch
12:30 p.m.	1:30 p.m.	(Lunch and Learn) Neuromuscular Ultrasound in the EMG Lab: Basics and Demo Andrea Boon, M.D.
1:30 p.m.	5:30 p.m.	Workshop – Miscellaneous NCS. (LIVESTREAM PARTICIPANTS: Prerecorded Demonstrations available to watch online) Repetitive Stimulation Single Fiber EMG Cranial Nerve and Proximal NCS (Blinks, Facial Motor NCS, Spinal Accessory, Phrenic) Neuromuscular Ultrasound
5:30 p.m.		Adjourn

Wednesday, February 19, 2025		
EMG Approaches to Neuromuscular Disorders		
7:30 a.m.	7:45 a.m.	Registration, Continental Breakfast, and Exhibits
7:45 a.m.	8:30 a.m.	Carpal Tunnel Syndrome Christopher Lamb, M.D.
8:30 a.m.	9:15 a.m.	Ulnar Neuropathy Ruple S. Laughlin, M.D.
9:15 a.m.	9:30 a.m.	Break and Exhibits

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9:30 a.m.	10:30 a.m.	Brachial Plexopathies Devon I. Rubin, M.D.
10:30 a.m.	11:30 a.m.	Radiculopathies Andre Granger, M.D.
11:30 a.m.	12:15 p.m.	Lower Limb Mononeuropathies Julie A. Khoury, M.D.
12:15 p.m.	12:30 p.m.	Pick up Lunch
12:30 p.m.	1:30 p.m.	(Lunch and Learn) Pathological Correlates of EMG Findings in Neuropathy P. James B. Dyck, M.D.
1:30 pm.	2:30 p.m.	Common, Distal Sensorimotor Peripheral Neuropathies Christopher Lamb, M.D.
2:30 p.m.	5:00 p.m.	Hands-on Supervised NCS and Ultrasound Skills Practice (Attendees have the opportunity to practice performing NCS with faculty guidance)
5:00 p.m.		Adjourn

Thursday, February 20, 2025		
EMG Approaches to Neuromuscular Disorders, Evoked Potentials, Autonomic, IOM, Sleep		
7:30 a.m.	7:45 a.m.	Registration, Continental Breakfast, and Exhibits
8:00 a.m.	9:00 a.m.	Motor Neuron Diseases Jamin Shah, M.D.
9:00 a.m.	10:00 a.m.	Neuromuscular Junction Disorders Michael Skolka, M.D.
10:00 a.m.	10:15 a.m.	Break and Exhibits
10:15 a.m.	11:15 a.m.	Myopathies Elliot Dimberg, M.D.
11:15 a.m.	12:15 p.m.	Uncommon, Atypical Peripheral Neuropathies Michelle Mauermann, M.D.
12:15 p.m.	1:00 p.m.	Lunch
1:00 p.m.	2:00 p.m.	Somatosensory Evoked Potentials Ernest (Matt) M. Hoffman, D.O., Ph.D.
2:00 pm.	3:00 p.m.	Indications, Techniques, and Interpretation of Autonomic Testing William Cheshire, M.D.
3:00 p.m.	3:15 p.m.	Break and Exhibits
3:15 p.m.	4:15 p.m.	Basics of Sleep Neurophysiology and Polysomnography Michael H. Silber, M.B., Ch.B.
4:15 p.m.	5:30 p.m.	Intraoperative Monitoring Ernest (Matt) M. Hoffman, D.O., Ph.D.
5:30 p.m.		Adjourn

Friday, February 21, 2025		
EEG		

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7:30 a.m.	7:50 a.m.	Registration, Continental Breakfast, and Exhibits
7:50 a.m.	8:00 a.m.	Introduction and Pre-test David B. Burkholder, M.D.
8:00 a.m.	8:30 a.m.	Nuts and Bolts of EEG Keith K. Starnes, M.D.
8:30 a.m.	9:00 a.m.	The Technologist's Role in Enhancing the EEG Janie L. Conway, R. EEG. T.
9:00 a.m.	9:20 a.m.	Break and Exhibits
9:20 a.m.	10:00 a.m.	Normal Adult EEG Jeffrey W. Britton, M.D.
10:00 a.m.	10:40 a.m.	Normal Pediatric EEG Katherine C. Nickels, M.D.
10:40 a.m.	11:20 a.m.	EEG Session – Normal Variants Jeffrey W. Britton, M.D., Katherine C. Nickels, M.D. and Keith K. Starnes, M.D.
11:20 a.m.	12:00 p.m.	Quantitative EEG Keith K. Starnes, M.D.
12:00 p.m.	12:20 p.m.	Break – pick up Lunch
12:20 p.m.	1:00 p.m.	(Lunch and Learn) Read EEG with the Experts David B. Burkholder, M.D., Jeffrey W. Britton, M.D., Katherine C. Nickels, M.D.,
1:00 pm.	1:40 p.m.	EEG Across the Spectrum of Encephalopathy David B. Burkholder, M.D.
1:40 p.m.	2:20 p.m.	Artifacts in EEG William O. Tatum, D.O.
2:20 p.m.	3:00 p.m.	EEG Session – Artifact or Abnormality? David B. Burkholder, M.D. and William O. Tatum, D.O.
3:00 p.m.	3:20 p.m.	Break and Exhibits
3:20 p.m.	4:00 p.m.	EEG in Anoxic Brain Injury, Coma, and Brain Death Kelsey M. Smith, M.D.
4:00 p.m.	4:40 p.m.	EEG in Status Epilepticus Katherine H. Noe, M.D., Ph.D.
4:40 p.m.	5:20 p.m.	EEG Session – Hospital EEG Potpourri Katherine H. Noe, M.D., Ph.D. and Kelsey M. Smith, M.D.
5:20 p.m.		Adjourn

Saturday, February 22, 2025		
EEG Monitoring and Video EEG		
7:30 a.m.	8:00 a.m.	Registration, Continental Breakfast, and Exhibits
8:00 a.m.	8:40 a.m.	EEG in Adult Epilepsies Elson L. So, M.D.
8:40 a.m.	9:20 a.m.	Video EEG for Adult Seizures Gregory D. Cascino, M.D.
9:20 p.m.	10:00 p.m.	EEG Session – Adult Epilepsy Cases Gregory D. Cascino, M.D. and Elson L. So, M.D.
10:00 a.m.	10:20 a.m.	Break and Exhibits
10:20 a.m.	11:00 a.m.	EEG in Pediatric Epilepsies Katherine C. Nickels, M.D.

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11:00 a.m.	11:40 a.m.	Video EEG for Pediatric Seizures Raj D. Sheth, M.D.
11:40 a.m.	12:20 p.m.	EEG Session – Pediatric Epilepsy Cases Katherine C. Nickels, M.D. and Raj D. Sheth, M.D.
12:20 p.m.	12:40 p.m.	Lunch (pick up)
12:40 p.m.	1:20 p.m.	(Lunch and Learn) Basics in EEG Reporting Katherine H. Noe M.D., Ph.D. and Joseph Draskowski, M.D.
1:20 pm.	2:00 p.m.	Ambulatory EEG William O. Tatum, D.O.
2:00 p.m.	2:40 p.m.	EEG Evaluation of Seizure Mimickers Joseph Draskowski, M.D.
2:40 p.m.	3:20 p.m.	EEG Session – Spell or Seizure?? Joseph Draskowski, M.D. and William O. Tatum, D.O.
3:20 p.m.	3:30 p.m.	Post-test David B. Burkholder, M.D.
3:30 p.m.		Adjourn

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