



September 12, 2024

Dear Exhibitor,

As course directors of the upcoming Mayo Clinic EMG, EEG and Clinical Neurophysiology in Clinical Practice, which is held February 16-22, 2025, at The Ritz Carlton Amelia Island, Amelia Island, Florida. We would like to invite you to consider a display opportunity. This is a week-long course that consistently attracts approximately 200 practitioners nationally and internationally who have an interest in the clinical practice of neurophysiology (including EEG, EMG, and intraoperative monitoring) as well as managing patients with epilepsy and neuromuscular diseases. The attendees consist of primarily neurologists and psychiatrists, but other specialists often attend.

Display fees are \$4,000. We are offering additional advertisement/sponsorship opportunities to expand reach and further socialize with attendees.

To maintain a clear separation of promotion from education, all exhibits will be held in a different room/location than where the general sessions are held. Exhibits are open from registration until the conclusion of the final lecture on the last day.

Exhibit Benefits:

- Promotion available at the course from registration until the conclusion of the final lecture on the last day
- Exhibitors are provided the same meals and beverages provided to registered attendees
- Attendees are encouraged daily by the course moderator to visit and connect with the exhibitors
- Includes a 6-foot table and two chairs
- Exhibitors may sit in the general session to listen to talks of interest if space is available (all company logos must be removed and not visible when entering the education space)

Our programs provide valuable information on unmet needs to the medical community.

We sincerely appreciate your consideration and hope you will take the opportunity to join us for a truly unique educational program.

Sincerely,

Devon I. Rubin, M.D.

A handwritten signature in dark ink, appearing to read "D. Rubin".

David Burkholder, M.D.

A handwritten signature in dark ink, appearing to read "D. Burkholder".

Make checks payable to:

Mayo Clinic Florida

Attn: Accounting Activity #5325J00518

4500 San Pablo Road

Jacksonville, FL 32224

Tax ID: 59-3337028

**Sponsorship Opportunities  
Mayo Clinic EMG, EEG and  
Clinical Neurophysiology in Clinical Practice, 2025**

<b>Sponsorship Opportunities</b>	<b>Platinum \$40,000</b>	<b>Gold \$30,000</b>	<b>Silver \$20,000</b>	<b>Bronze \$15,000</b>	<b>Exhibit \$4,000</b>
Keynote Speaker Product Theater - Non-CME	x				
Reception	x				
Acknowledgement on signage at a breakfast or refreshment break	x	x	x		
Complimentary full registration- No CME credit	4	3	2	1	
Conference Bag Inserts	x	x	x	x	
Exhibit Table	2- 6ft. table	1- 6 ft. table	1- 6 ft. table	1- 6 ft. table	1- 6 ft. table
Verbal recognition at opening session	x	x	x	x	x
Support Signage prominently displayed on-site at the conference	x	x	x	x	x
Limited Attendee List	x	x	x	x	x

**Additional Advertisement Opportunities:**

**Reception - (Exclusive-Included with Platinum Sponsorship Level)**

This reception features cocktails and hors d'oeuvres. The Sponsor will receive signage and recognition at the event along with cocktail napkins with your company's logo.

**Non-CME Promotional Symposia- \$30,000**

These non-accredited programs, independently developed and directly sponsored by industry, are presented in an educational format that will provide insight on new or controversial developments. Promotional symposia may not conflict with "Mayo Clinic EMG, EEG and Clinical Neurophysiology in Clinical Practice." programming. There are multiple dates and times available. (Includes food, beverage, and audio/visual equipment - No CME credit.)

**Conference Bags - \$7,000 – (Exclusive)**

Display your company logo for all attendees to see and announce your presence at the conference. Your company will provide a high-resolution logo to be printed on conference bags ordered by managing committee. All bags will contain flyers and advertisements from other participants. (Artwork to be provided by sponsoring company and is subject to MCSCPD approval)

**Lanyards - \$5,000 (Exclusive)**

All attendee badges will be distributed with a lanyard to display the badge throughout the conference. The Lanyard will prominently display your company name and logo. (Artwork to be provided by sponsoring company and is subject to MCSCPD approval)

**Internet- \$4,000 (Exclusive)**

Help attendees stay connected with their office and home while away at the Mayo Clinic EMG, EEG and Clinical Neurophysiology in Clinical Practice conference. Sponsor the wireless internet access in the meeting space. The supporter will be recognized throughout the meeting in signage and electronic communications.

**Hotel Key Card- \$4,000 (Exclusive)**

Personalize hotel guest room keys with your company's logo or product promotion for immediate exposure to attendees. Use this as a great way to introduce yourselves to our attendees upon checking into the hotel. (Artwork to be provided by sponsoring company and is subject to MCSCPD approval)

**Conference Bag Inserts- \$3,000**

Conference bag inserts are a great opportunity to invite attendees to your booth, announce your booth participation or conference-related event. Your company will provide 250 copies of a flyer or booklet advertisement (no larger than 8 ½ x 11) and MCSCPD will stuff them into the official conference bags.

**Request for Taxpayer  
Identification Number and Certification**

Go to [www.irs.gov/FormW9](http://www.irs.gov/FormW9) for instructions and the latest information.

**Give form to the  
requester. Do not  
send to the IRS.**

**Before you begin.** For guidance related to the purpose of Form W-9, see *Purpose of Form*, below.

Print or type. See Specific Instructions on page 3.	<b>1</b> Name of entity/individual. An entry is required. (For a sole proprietor or disregarded entity, enter the owner's name on line 1, and enter the business/disregarded entity's name on line 2.) <b>Mayo Clinic Jacksonville</b>	
	<b>2</b> Business name/disregarded entity name, if different from above.	
	<b>3a</b> Check the appropriate box for federal tax classification of the entity/individual whose name is entered on line 1. Check only <b>one</b> of the following seven boxes. <input type="checkbox"/> Individual/sole proprietor <input type="checkbox"/> C corporation <input type="checkbox"/> S corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate <input type="checkbox"/> LLC. Enter the tax classification (C = C corporation, S = S corporation, P = Partnership) _____ <b>Note:</b> Check the "LLC" box above and, in the entry space, enter the appropriate code (C, S, or P) for the tax classification of the LLC, unless it is a disregarded entity. A disregarded entity should instead check the appropriate box for the tax classification of its owner. <input checked="" type="checkbox"/> Other (see instructions) <b>501 (c) (3) Tax-exempt Nonprofit Corporation</b>	<b>4</b> Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) <b>1</b> Exemption from Foreign Account Tax Compliance Act (FATCA) reporting code (if any) <b>A</b>  (Applies to accounts maintained outside the United States.)
	<b>3b</b> If on line 3a you checked "Partnership" or "Trust/estate," or checked "LLC" and entered "P" as its tax classification, and you are providing this form to a partnership, trust, or estate in which you have an ownership interest, check this box if you have any foreign partners, owners, or beneficiaries. See instructions <input type="checkbox"/>	
	<b>5</b> Address (number, street, and apt. or suite no.). See instructions. <b>4500 San Pablo Road</b>	Requester's name and address (optional)
<b>6</b> City, state, and ZIP code <b>Jacksonville, FL 32224</b>		
<b>7</b> List account number(s) here (optional)		

**Part I Taxpayer Identification Number (TIN)**

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

**Note:** If the account is in more than one name, see the instructions for line 1. See also *What Name and Number To Give the Requester* for guidelines on whose number to enter.

<b>Social security number</b>									
			-				-		
<b>or</b>									
<b>Employer identification number</b>									
5	9	-	3	3	3	7	0	2	8

**Part II Certification**

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

**Certification instructions.** You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and, generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

<b>Sign Here</b>	Signature of U.S. person <i>Katy Domaille</i>	Date <i>04/25/2024</i>
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**General Instructions**

Section references are to the Internal Revenue Code unless otherwise noted.

**Future developments.** For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to [www.irs.gov/FormW9](http://www.irs.gov/FormW9).

**What's New**

Line 3a has been modified to clarify how a disregarded entity completes this line. An LLC that is a disregarded entity should check the appropriate box for the tax classification of its owner. Otherwise, it should check the "LLC" box and enter its appropriate tax classification.

New line 3b has been added to this form. A flow-through entity is required to complete this line to indicate that it has direct or indirect foreign partners, owners, or beneficiaries when it provides the Form W-9 to another flow-through entity in which it has an ownership interest. This change is intended to provide a flow-through entity with information regarding the status of its indirect foreign partners, owners, or beneficiaries, so that it can satisfy any applicable reporting requirements. For example, a partnership that has any indirect foreign partners may be required to complete Schedules K-2 and K-3. See the Partnership Instructions for Schedules K-2 and K-3 (Form 1065).

**Purpose of Form**

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS is giving you this form because they

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

**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.	<b>Technique of Needle Examination</b> Devon I. Rubin, M.D.
8:30 a.m.	9:30 a.m.	<b>Needle EMG of Uncommon Muscles</b> Eric J. Sorenson, M.D.
9:30 a.m.	9:45 a.m.	<b>Break &amp; Exhibits</b>
9:45 a.m.	11:30 a.m.	<b>EMG Waveform Analysis: Introduction</b> Devon I. Rubin, M.D.
11:30 a.m.	12:00 p.m.	<b>How to Write a Perfect EMG Report</b> Elizabeth Mauricio, M.D.
12:00 p.m.	1:00 p.m.	<b>Lunch</b>
1:00 p.m.	5:30 p.m.	<b>Workshops – Needle EMG (All attendees participate in every workshop).</b> (LIVESTREAM PARTICIPANTS: Prerecorded Demonstrations available to watch)

**Wi-Fi- MayoEEG25**

To submit a question and respond to polls, download the **VEVOX** app or go to [vevox.app](https://vevox.app).

Join using the **VEVOX** Session ID:

		online) Needle Technique and Practical Points Common Upper Extremity Common Lower Extremity Uncommon Upper Extremity
5:30 p.m.		<b>Adjourn</b>
		<b>Concurrent Session (Technician Track)</b>
8:00 a.m.	8:45 a.m.	<b>Troubleshooting and Tips for Performing Perfect Nerve Conduction Studies</b> Jennifer Walkord
8:45 a.m.	9:30 a.m.	<b>Approach to Carpal Tunnel Syndrome</b> Rebekah Lindsey
9:30 a.m.	10:15 a.m.	<b>Approach to Ulnar Neuropathy</b> Lisa Thomas
10:15 a.m.	11:00 a.m.	<b>Approach to Peripheral Neuropathy</b> Genevive Hall
11:00 a.m.	11:30 a.m.	Q&A Panel Discussion
12:00 p.m.	1:00 p.m.	<b>Lunch</b>

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.	<b>A Morning of EMG Waveforms: Food, Fun, and Fibrillations</b> Devon I. Rubin, M.D. and Ruple S. Laughlin, M.D.
		<b>Learning to Master Recognition of MUP Parameters</b> <b>Test your Skills: Who Wants to be an Electromyography?</b> Devon I. Rubin, M.D. and Ruple S. Laughlin, M.D.
12:15 p.m.	12:30 p.m.	<b>Pick up Lunch</b>
12:30 p.m.	1:30 p.m.	<b>(Lunch and Learn) Neuromuscular Ultrasound in the EMG Lab: Basics and Demo</b> Marianne Luetmer, M.D.
1:30 p.m.	5:30 p.m.	<b>Workshop – Miscellaneous NCS. (LIVESTREAM PARTICIPANTS:</b> 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.		<b>Adjourn</b>

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.	<b>Carpal Tunnel Syndrome</b> Christopher Lamb, M.D.
8:30 a.m.	9:15 a.m.	<b>Ulnar Neuropathy</b> Ruple S. Laughlin, M.D.
9:15 a.m.	9:30 a.m.	<b>Break and Exhibits</b>

Wi-Fi- MayoEEG25

To submit a question and respond to polls, download the **VEVOX** app or go to [vevox.app](https://vevox.app).  
Join using the **VEVOX** Session ID:

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

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.	<b>Motor Neuron Diseases</b> Jaimin Shah, M.D.
9:00 a.m.	10:00 a.m.	<b>Neuromuscular Junction Disorders</b> Michael Skolka, M.D.
10:00 a.m.	10:15 a.m.	<b>Break and Exhibits</b>
10:15 a.m.	11:15 a.m.	<b>Myopathies</b> Elliot Dimberg, M.D.
11:15 a.m.	12:15 p.m.	<b>Uncommon, Atypical Peripheral Neuropathies</b> Michelle Mauermann, M.D.
12:15 p.m.	1:00 p.m.	<b>Lunch</b>
1:00 p.m.	2:00 p.m.	<b>Somatosensory Evoked Potentials</b> Ernest (Matt) M. Hoffman, D.O., Ph.D.
2:00 pm.	3:00 p.m.	<b>Indications, Techniques, and Interpretation of Autonomic Testing</b> William Cheshire, M.D.
3:00 p.m.	3:15 p.m.	<b>Break and Exhibits</b>
3:15 p.m.	4:15 p.m.	<b>Basics of Sleep Neurophysiology and Polysomnography</b> Michael H. Silber, M.B., Ch.B.
4:15 p.m.	5:30 p.m.	<b>Intraoperative Monitoring</b> Ernest (Matt) M. Hoffman, D.O., Ph.D.
5:30 p.m.		<b>Adjourn</b>

Wi-Fi- MayoEEG25

To submit a question and respond to polls, download the **VEVOX** app or go to [vevox.app](https://vevox.app).  
Join using the **VEVOX** Session ID:

Friday, February 21, 2025		
EEG		
7:30 a.m.	7:50 a.m.	Registration, Continental Breakfast, and Exhibits
7:50 a.m.	8:00 a.m.	<b>Introduction and Pre-test</b> David B. Burkholder, M.D.
8:00 a.m.	8:30 a.m.	<b>Nuts and Bolts of EEG</b> D. Keith Starnes, M.D.
8:30 a.m.	9:00 a.m.	<b>The Technologist's Role in Enhancing the EEG</b> Janie L. Conway, R. EEG. T.
9:00 a.m.	9:20 a.m.	<b>Break and Exhibits</b>
9:20 a.m.	10:00 a.m.	<b>Normal Adult EEG</b> Jeffrey W. Britton, M.D.
10:00 a.m.	10:40 a.m.	<b>Normal Pediatric EEG</b> Katherine C. Nickels, M.D.
10:40 a.m.	11:20 a.m.	<b>EEG Session – Normal Variants</b> Jeffrey W. Britton, M.D. and Katherine C. Nickels, M.D.
11:20 a.m.	12:00 p.m.	<b>Quantitative EEG</b> D. Keith Starnes, M.D.
12:00 p.m.	12:20 p.m.	<b>Break – pick up Lunch</b>
12:20 p.m.	1:00 p.m.	<b>(Lunch and Learn) Read EEG with the Experts</b> David B. Burkholder, M.D., Jeffrey W. Britton, M.D., Katherine C. Nickels, M.D. and D. Keith Starnes, M.D.
1:00 pm.	1:40 p.m.	<b>EEG Across the Spectrum of Encephalopathy</b> David B. Burkholder, M.D.
1:40 p.m.	2:20 p.m.	<b>Artifacts in EEG</b> Brin E. Freund, M.D.
2:20 p.m.	3:00 p.m.	<b>EEG Session – Artifact or Abnormality?</b> David B. Burkholder, M.D. and Brin E. Freund, M.D.
3:00 p.m.	3:20 p.m.	<b>Break and Exhibits</b>
3:20 p.m.	4:00 p.m.	<b>EEG in Anoxic Brain Injury, Coma, and Brain Death</b> Kelsey M. Smith, M.D.
4:00 p.m.	4:40 p.m.	<b>EEG in Status Epilepticus</b> Katherine H. Noe, M.D., Ph.D.
4:40 p.m.	5:20 p.m.	<b>EEG Session – Hospital EEG Potpourri</b> Katherine H. Noe, M.D., Ph.D. and Kelsey M. Smith, M.D.
5:20 p.m.		<b>Adjourn</b>

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.	<b>EEG in Adult Epilepsies</b> Elson L. So, M.D.
8:40 a.m.	9:20 a.m.	<b>Video EEG for Adult Seizures</b> Gregory D. Cascino, M.D.
9:20 p.m.	10:00 p.m.	<b>EEG Session – Adult Epilepsy Cases</b> Gregory D. Cascino, M.D. and Elson L. So, M.D.

**Wi-Fi- MayoEEG25**

To submit a question and respond to polls, download the **VEVOX** app or go to [vevox.app](https://vevox.app).  
Join using the **VEVOX** Session ID:

10:00 a.m.	10:20 a.m.	<b>Break and Exhibits</b>
10:20 a.m.	11:00 a.m.	<b>EEG in Pediatric Epilepsies</b> Katherine C. Nickels, M.D.
11:00 a.m.	11:40 a.m.	<b>Video EEG for Pediatric Seizures</b> Raj D. Sheth, M.D.
11:40 a.m.	12:20 p.m.	<b>EEG Session – Pediatric Epilepsy Cases</b> Katherine C. Nickels, M.D. and Raj D. Sheth, M.D.
12:20 p.m.	12:40 p.m.	<b>Lunch (pick up)</b>
12:40 p.m.	1:20 p.m.	<b>(Lunch and Learn) Basics in EEG Reporting</b> Katherine H. Noe M.D., Ph.D. and Joseph Dratzkowski, M.D.
1:20 pm.	2:00 p.m.	<b>Ambulatory EEG</b> William O. Tatum, D.O.
2:00 p.m.	2:40 p.m.	<b>EEG Evaluation of Seizure Mimickers</b> Joseph Dratzkowski, M.D.
2:40 p.m.	3:20 p.m.	<b>EEG Session – Spell or Seizure??</b> Joseph Dratzkowski, M.D. and William O. Tatum, D.O.
3:20 p.m.	3:30 p.m.	<b>Post-test</b> David B. Burkholder, M.D.
3:30 p.m.		<b>Adjourn</b>

**Wi-Fi- MayoEEG25**

To submit a question and respond to polls, download the **VEVOX** app or go to [vevox.app](https://vevox.app).

Join using the **VEVOX** Session ID:





School of Continuous  
Professional  
Development



# Join us in Florida!

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

**FEBRUARY 16-22, 2025**

**The Ritz-Carlton Amelia Island  
Amelia Island, Florida US**

This course is designed as a review of techniques and topics pertaining to clinical neurophysiology which includes: EMG, EEG, evoked potentials, autonomic testing, sleep, intraoperative monitoring, and neuromuscular ultrasound.



**58.00**  
AMA PRA  
Category 1  
Credit™,  
AOA  
Category  
2-A

**8.00**  
ABPN

**3.00**  
AANEM CEU  
Checkpoints

**12.00**  
AAET-CE  
Credit Hours

[ce.mayo.edu/emgeeg2025](https://ce.mayo.edu/emgeeg2025)

# Course highlights

- Live demonstrations of common and uncommon nerve conduction studies and needle examination by experts in the field.
- Ability to ask the experts questions during the lecture and through small panel discussions throughout the meeting.
- Mayo Clinic Nerve Conduction Study nerve setup and reference value material included with course registration.
- Lectures dedicated to practical approaches and interpretation of nerve conduction studies and needle EMG findings in a variety of focal and generalized neuromuscular disorders.
- Extensive, interactive sessions and practice on EMG waveform recognition and interpretation.
- Opportunity for hands-on supervised practice of NCS.
- Learn the basics of neuromuscular ultrasound.
- Unusual and difficult EEG case discussions.
- Review fundamental and advanced aspects of EEG across the age continuum.
- Review of case-based routine and critical care pediatric and adult EEG.

## LEARNING OBJECTIVES

Upon completion of this activity, participants should be able to:

- Recognize the significance of normal waveforms on needle EMG
- Recognize the significance of abnormal EMG waveforms on needle EMG

- Interpret the clinical significance of abnormalities on nerve conduction studies (NCS) in patients with focal symptoms
- Recognize technical pitfalls associated with EEG studies
- Identify the normal EEG patterns of adult patients
- Identify the variant EEG patterns of adult patients
- Identify the normal EEG patterns of pediatric patients
- Identify the variant EEG patterns of pediatric patients
- Recognize EEG patterns of non-seizure physiologic events versus non-epileptic seizures

Attendance at this Mayo Clinic course does not indicate or guarantee competence or proficiency in the skills, knowledge or performance of any care or procedure(s) which may be discussed or taught in this course.

## INTENDED AUDIENCE

This course is intended for neurologists, physiatrists, neurophysiology technologists, APPs, and physicians specializing in and practicing clinical neurophysiology.

[ce.mayo.edu/emgeeg2023](https://ce.mayo.edu/emgeeg2023)

# Program agenda

## SUNDAY, FEBRUARY 16 (EMG)

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### **Basics of Nerve Conduction Studies, F Waves, and H Reflexes**

Brian A. Crum, M.D.

### **Uncommon Motor Nerve Conduction Studies, F Waves, and H Reflexes**

Sarah E. Berini, M.D.

### **Uncommon Sensory Studies and Blink Reflexes**

Jennifer M. Martinez-Thompson, M.D.

### **Repetitive Nerve Stimulation**

Michael Skolka, M.D.

### **Pitfalls of Nerve Conduction Studies**

Devon I. Rubin, M.D.

### **Workshops – Nerve Conduction Studies\* (Attendees participate in all workshops)**

- Upper Extremity Motor – Common
- Upper Extremity Motor – Uncommon
- Upper Extremity Sensory
- Lower Extremity Motor and Sensory

\* Prerecorded demonstrations available to watch online for livestream participants

## MONDAY, FEBRUARY 17 (EMG)

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### **Technique of Needle Examination**

Devon I. Rubin, M.D.

### **Needle EMG of Uncommon Muscles**

Eric J. Sorenson, M.D.

### **EMG Waveform Analysis: Introduction**

Devon I. Rubin, M.D.

### **How to Write a Perfect EMG Report**

Elizabeth Mauricio, M.D.

### **Workshops – Needle EMG\* (Attendees participate in every workshop)**

- Needle Technique and Practical Points
- Common Upper Extremity
- Common Lower Extremity
- Uncommon Upper Extremity

\* Prerecorded demonstrations available to watch online for livestream participants

## Concurrent Session (Technician Track)

### **Troubleshooting and Tips for Performing Perfect Nerve Conduction**

Jennifer Walkord

### **Approach to Carpal Tunnel Syndrome**

Rebekah Lindsey

### **Approach to Ulnar Neuropathy**

Lisa Thomas

### **Approach to Peripheral Neuropathy**

Genevive Hall

## TUESDAY, FEBRUARY 18 (EMG Approaches to Common Disorders)

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### **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.

### **(Lunch and Learn) Neuromuscular Ultrasound in the EMG Lab: Basics and Demo**

Marianne Luetmer, M.D.

### **Workshops – Miscellaneous NCS\***

- Repetitive Stimulation
- Single Fiber EMG
- Cranial Nerve and Proximal NCS (Blinks, Facial Motor NCS, Spinal Accessory, Phrenic)
- Neuromuscular Ultrasound

\* Prerecorded demonstrations available to watch online for livestream participants

## WEDNESDAY, FEBRUARY 19 (EMG Approaches to Neuromuscular Disorders)

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### **Carpal Tunnel Syndrome**

Christopher J. Lamb, M.D.

### **Ulnar Neuropathy**

Ruple S. Laughlin, M.D.

## **Brachial Plexopathies**

Devon I. Rubin, M.D.

## **Radiculopathies**

Andre Granger, M.D.

## **Lower Limb Mononeuropathies**

Julie A. Khoury, M.D.

## **(Lunch and Learn) Pathological Correlates of EMG Findings in Neuropathy**

P. James B. Dyck, M.D.

## **Common, Distal Sensorimotor Peripheral Neuropathies**

Christopher J. Lamb, M.D.

## **\*Hands-on Supervised NCS and Ultrasound Skills Practice**

## **THURSDAY, FEBRUARY 20 (EMG Approaches to Neuromuscular Disorders, Evoked Potentials, Autonomic, IOM Sleep)**

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### **Motor Neuron Diseases**

Jamin Shah, M.D.

### **Neuromuscular Junction Disorders**

Michael Skolka, M.D.

### **Myopathies**

Elliot Dimberg, M.D.

### **Uncommon, Atypical Peripheral Neuropathies**

Michelle Mauermann, M.D.

### **Somatosensory Evoked Potentials**

Ernest (Matt) M. Hoffman, D.O., Ph.D.

### **Indications, Techniques, and Interpretation of Autonomic Testing**

William Cheshire, M.D.

### **Basics of Sleep Neurophysiology and Polysomnography**

Michael H. Silber, M.B., Ch.B.

### **Intraoperative Monitoring**

Ernest (Matt) M. Hoffman, D.O., Ph.D.

## **FRIDAY, FEBRUARY 21 (EEG)**

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### **Introduction and Pre-test**

David B. Burkholder, M.D.

### **Nuts and Bolts of EEG**

D. Keith Starnes, M.D.

## **The Technologist's Role in Enhancing the EEG**

Janie L. Conway, R. EEG. T.

## **Normal Adult EEG**

Jeffrey W. Britton, M.D.

## **Normal Pediatric EEG**

Katherine C. Nickels, M.D.

## **EEG Session – Normal Variants**

Jeffrey W. Britton, M.D., and

Katherine C. Nickels, M.D.

## **Quantitative EEG**

D. Keith Starnes, M.D.

## **(Lunch and Learn) Read EEG with the Experts**

David B. Burkholder, M.D.,

Jeffrey W. Britton, M.D.,

Katherine C. Nickels, M.D. and

D. Keith Starnes, M.D.

## **EEG Across the Spectrum of Encephalopathy**

David B. Burkholder, M.D.

## **Artifacts in EEG**

Brin E. Freund, M.D.

## **EEG Session – Artifact or Abnormality?**

David B. Burkholder, M.D. and

Brin E. Freund, M.D.

## **EEG in Anoxic Brain Injury, Coma, and Brain Death**

Kelsey M. Smith, M.D.

## **EEG in Status Epilepticus**

Katherine H. Noe, M.D., Ph.D.

## **EEG Session – Hospital EEG Potpourri**

Katherine H. Noe, M.D., Ph.D. and

Kelsey M. Smith, M.D.

## **SATURDAY, FEBRUARY 22 (EEG Monitoring and Video EEG)**

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### **EEG in Adult Epilepsies**

Elson L. So, M.D.

### **Video EEG for Adult Seizures**

Gregory D. Cascino, M.D.

\*Visit the course website for full program continued on following page

**EEG Session – Adult Epilepsy Cases**

Gregory D. Cascino, M.D. and  
Elson L. So, M.D.

**EEG in Pediatric Epilepsies**

Katherine C. Nickels, M.D.

**Video EEG for Pediatric Seizures**

Raj D. Sheth, M.D.

**EEG Session – Pediatric Epilepsy Cases**

Katherine C. Nickels, M.D. and  
Raj D. Sheth, M.D.

**(Lunch and Learn) Basics in EEG Reporting**

Katherine H. Noe M.D., Ph.D. and  
Joseph Drazkowski, M.D.

**Ambulatory EEG**

William O. Tatum, D.O.

**EEG Evaluation of Seizure Mimickers**

Joseph Drazkowski, M.D.

**EEG Session – Spell or Seizure??**

Joseph Drazkowski, M.D. and  
William O. Tatum, D.O.

**Post-test**

David B. Burkholder, M.D.

\*Visit the course website for full program

**ABOUT THE LOCATION**

**The Ritz- Carlton Amelia Island  
Amelia Island, Florida US**

Coastal view rooms are reserved for attendees and their guests at the group rate of \$309 per night, plus tax, until January 17, 2025, or until the room block is filled. A resort fee that is reduced from \$38.00 to \$25.00 per room, per night for attendees. Call reservations at 904-277-1100 and identify yourself as a participant of the Mayo Clinic EMG/ EEG course. All parking at the resort is provided by valet service. Valet parking is reduced to \$25.00 per vehicle, per day.

**COURSE REGISTRATION**

Full Session (February 16-22)	Fee
Live	\$1695
Livestream	\$1695

**EMG & Neurophysiology in  
Clinical Practice (February 16-20)**

Live	\$1395
Livestream	\$1395
Allied Health Rate	\$299

**EEG (February 21-22)**

Live	\$1095
Livestream	\$1095

**MOC Courses**


EEG MOC ABPN	\$75
EMG MOC ABPN	\$75

**Available credit**

58.00 AMA PRA Category 1 Credit™  
58.00 AOA Category 2-A  
58.00 Attendance  
8.00 ABPN  
3 AANEM CEU Checkpoints  
12 AAET-CE Credit Hours

Visit [ce.mayo.edu/cancellation](https://ce.mayo.edu/cancellation) for  
cancellation policy.

**Accreditation Statement**

 In support of improving patient care, Mayo Clinic College of Medicine and Science is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC) to provide continuing education for the healthcare team.

**Credit Statement(s)**

**AMA** Mayo Clinic College of Medicine and Science designates this live activity for a maximum of 58.00 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Session breakdown– EMG 42.00 credits / EEG 16.00 credits.

**ABPN**

Session Breakdown– MOC/SAM: 8.00 credits (4.00 credits for each - EMG and EEG).

**AOA** The American Osteopathic Association designates this program for a maximum of 58.00 AOA Category 2-A credits.

**Other Healthcare Professionals** A record of attendance will be provided to all registrants for requesting credits in accordance with state nursing boards, specialty societies or other professional associations.

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

## COURSE DIRECTORS

Devon Rubin, M.D.  
David Burkholder, M.D.



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**Mayo Clinic School of Continuous Professional Development**  
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ELECTRONIC SERVICE REQUESTED



**FEBRUARY 16-22, 2025**

The Ritz-Carlton Amelia Island  
Amelia Island, Florida US

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