



October 8, 2022

Dear Exhibitor

As course directors of the upcoming Mayo Clinic EMG, EEG and Clinical Neurophysiology in Clinical Practice, which is held February 19-25, 2023, 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 physiatrists, but other specialists often attend.

Display fees are \$5,000 for 7 days, \$4,000 for 5 days, and \$2,000 for 2 days. Space is limited and table assignments will be made on a first come, first served basis. We are offering additional advertisement/sponsorship opportunities to expand reach and further socialize with attendees.

Mayo Clinic, an integrated, not-for-profit group practice, is committed to meeting its responsibility as a national medical education resource and is accredited by the Accreditation Council for Continuing Medical Education to provide 57.00 *AMA PRA Category 1 Credit(s)*TM for this course.

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 'Devon I. Rubin'.

David B. Burkholder, M.D.

A handwritten signature in dark ink, appearing to read 'David B. Burkholder'.

Make checks payable to:

Mayo Clinic
Attn: Accounting Activity
#23J01638 4500 San Pablo Road
Jacksonville, FL 32224

Tax ID: 59-3337028

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,

Denise L. Klarich

Denise Klarich
Education Administration Coordinator

Make checks payable to:
Mayo Clinic Florida
4500 San Pablo Road
Jacksonville, FL 32224
Attn: Accounting Activity #22J01213

Tax ID: 59-3337028

Sponsorship Opportunities:

Premier Sponsorship Opportunities	Platinum \$40,000	Gold \$20,000	Silver \$10,000	Bronze \$5,000	Live Exhibit
Reception	x				
Non-CME Promotional Symposium	x	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) 6-foot table	(2) 6-foot table	(1) 6-foot table	(1) 6-foot table	(1) 6-foot table
Verbal recognition at opening session	x	x	x	x	x
Support Signage prominently displayed on-site at the conference	1 st Priority Placement	2 nd Priority Placement	3 rd Priority Placement	4 th Priority Placement	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- \$15,000

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 6th Annual Epilepsy and EEG in Clinical Practice 2021 programming. There are multiple dates and times available. (Includes food, beverage, and audio/visual equipment - No CME credit.)

Conference Bags - \$5,000 - (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 - \$3,000 (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 or the World Congress design, whichever you choose. (Artwork to be provided by sponsoring company and is subject to MCSCPD approval)

Internet- \$3,000 (Exclusive)

Help attendees stay connected with their office and home while away at the 7th Annual Epilepsy and EEG in Clinical Practice 2022 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- \$3,000 (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- \$2,000

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 150 copies of a flyer or booklet advertisement (no larger than 8 ½ x 11) and MCSCPD will stuff them into the official conference bags. Multiple Opportunities Available

Mayo Clinic School of Continuous Professional Development (MCSCPD) Exhibitor Agreement

Agreement between: ACCREDITED PROVIDER: Mayo Clinic College of Medicine and Science – MCSCPD AND:

Activity Title	Mayo Clinic Electromyography (EMG), Electroencephalography (EEG), and Neurophysiology in Clinical Practice	
Activity Number	23J01638	
Location	Ritz-Carlton Amelia Island, Amelia Island, FL	
Dates	February 19 - 25, 2023	
Company Name (Exhibitor) (as it should appear on printed materials)		
Exhibit Contact (if different then exhibit Rep.)		
Name(s) and email addresses of Representative(s) exhibiting: (Maximum of two representatives allowed per exhibit)		
Address		
Phone Number		
Email		
The named exhibitor wishes to exhibit at the above-named activity:		
7 days - EMG and EEG	February 19 - 25, 2023	<input type="checkbox"/> \$5,000
5 days – EMG	February 19 - 23, 2023	<input type="checkbox"/> \$4,000
2 days – EEG	February 24 - 25, 2023	<input type="checkbox"/> \$2,000
Additional Opportunities: Please see Exhibitor Prospectus for Details		
<input type="checkbox"/> Platinum Sponsor		\$40,000
<input type="checkbox"/> Gold Sponsor		\$20,000
<input type="checkbox"/> Silver Sponsor		\$10,000
<input type="checkbox"/> Bronze Sponsor		\$5,000
<input type="checkbox"/> Non-CME Promotional Symposia		\$15,000
<input type="checkbox"/> Conference Bags (Exclusive)		\$5,000
<input type="checkbox"/> Lanyards (Exclusive)		\$3,000
<input type="checkbox"/> Hotel Key Cards (Exclusive)		\$3,000
<input type="checkbox"/> Conference Bag Inserts		\$2,000
Total Amount Due:		\$

NOTE: There may be additional charges depending on the meeting location (power, internet access, etc.)
List any additional requests, which may incur additional fees.

TERMS AND CONDITIONS

- EXHIBITOR agrees to abide by ACCME Standards for Commercial Support as stated at www.accme.org: SCS 4.2: “Product-promotion material or product-specific advertisement of any type is prohibited in or during CME activities. The juxtaposition of editorial and advertising material on the same products or subjects must be avoided. Live (staffed exhibits, presentations) or enduring (printed or electronic advertisements) promotional activities must be kept

separate from CME.” “For live, face-to-face CME, advertisements and promotional materials cannot be displayed or distributed in the educational space immediately before, during or after a CME activity. **Providers cannot allow representatives of Commercial Interests to engage in sales or promotional activities while in the space or place of the CME activity.”**

- EXHIBITOR may only distribute educational promotional materials at their exhibit space. Distribution of non-educational items (pens, notepads, etc.), pharmaceuticals or product samples is prohibited.
- All exhibit fees associated with this activity will be given with the full knowledge of the PROVIDER. No additional payments, goods, services or events will be provided to the course director(s), planning committee members, faculty, joint provider, or any other party involved with the activity.
- Completion of this agreement represents a commitment and EXHIBITOR is obligated to provide full payment of all amounts due under this agreement by the ACTIVITY DATE unless otherwise agreed upon by the PROVIDER. PROVIDER reserves the right to refuse exhibit space to EXHIBITOR in the event of nonpayment or Code of Conduct violation.
- If this agreement is cancelled by either party forty-five (45) days or more in advance of the Activity Date, PROVIDER will refund the Exhibit Fee less a \$300 processing fee. If this agreement is cancelled by EXHIBITOR less than forty-five (45) days in advance of the Activity Date, the total amount due under this Agreement shall be immediately due and payable to PROVIDER.
- PROVIDER agrees to provide exhibit space and may acknowledge EXHIBITOR in activity announcements. PROVIDER reserves the right to assign exhibit space or relocate exhibits at its discretion.

Note: All exhibitors must be approved by MCSCPD and this agreement is not binding until both parties have signed. MCSCPD maintains the right to refuse any exhibitor.

By signing below, I agree to the “Terms and Conditions” outlined on Page 1 of this Exhibitor Agreement (including ACCME Standards for Commercial Support):

The person signing below is authorized to enter into this agreement:

Exhibitor Representative Name	Signature	Date
Mayo Clinic Representative Name	Signature	Date

PAYMENT INFORMATION

Please indicate your method of payment:

PROVIDER **Federal Tax ID number:** 59-3337028

<input type="checkbox"/> Check	<input type="checkbox"/> Credit Card
Make payable to Mayo Clinic and remit to: Mayo Clinic Attn: Accounting Activity #23J01638 4500 San Pablo Road Jacksonville, FL 32224 Identify: EMG/EEG #23J01638 on the check.	For payment by credit card, please call the MCSCPD at 800-462-9633 . Reference activity #23J01638 when calling. <i>Do not send credit card information via email.</i>

Request for Taxpayer Identification Number and Certification

Give Form to the requester. Do not send to the IRS.

▶ Go to www.irs.gov/FormW9 for instructions and the latest information.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.
Mayo Clinic Jacksonville

2 Business name/disregarded entity name, if different from above

3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only **one** of the following seven boxes.

Individual/sole proprietor or single-member LLC

C Corporation

S Corporation

Partnership

Trust/estate

Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶ _____

Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is **not** disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.

Other (see instructions) ▶ **501(c)(3) Tax-exempt Nonprofit Corporation**

4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):

Exempt payee code (if any) 1

Exemption from FATCA reporting code (if any) A

(Applies to accounts maintained outside the U.S.)

5 Address (number, street, and apt. or suite no.) See instructions.
4500 San Pablo Road

6 City, state, and ZIP code
Jacksonville, FL 32224

7 List account number(s) here (optional)

Requester's name and address (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. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

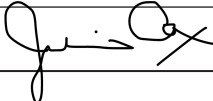
Social security number									
				-					
or									
Employer identification number									
5	9	-	3	3	3	7	0	2	8

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.

Sign Here	Signature of U.S. person ▶		Date ▶ 01/03/2022

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.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.

Sunday, February 19, 2023
EMG

- 7:00 a.m. Registration & Continental Breakfast
- 7:45 Welcome, Introductions and Pre-Test . . . Devon I. Rubin, M.D.
- 8:00 **Nerve Conduction Studies: The Basics** . . . Brian A. Crum, M.D.
- 8:45 **Uncommon Motor Nerve Conduction Studies, F Waves, and H Reflexes** . . . Sarah E. Berini, M.D.
- 9:30 Break
- 10:00 **Uncommon Sensory Studies and Blink Reflexes – Technique and Utility** . . . Jennifer M. Martinez-Thompson, M.D.
- 10:45 **Repetitive Nerve Stimulation** . . . Brent P. Goodman, M.D.
- 11:30 **Pitfalls of Nerve Conduction Studies** . . . Devon I. Rubin, M.D.
- 12:30 p.m. Lunch
- 1:30 **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 20, 2023
EMG

- 7:30 a.m. Continental Breakfast
- 8:00 **Technique of Needle Examination** . . . Devon I. Rubin, M.D.
- 8:30 **EMG of Uncommon Muscles** . . . Eric J. Sorenson, M.D.
- 9:30 Break
- 9:45 **EMG Waveform Analysis: Introduction** . . . Devon I. Rubin, M.D.
- 11:30 **EMG Report Writing: What is Important in a Report?** . . . Benn E. Smith, M.D.
- 12:00 p.m. Lunch
- 1 – 5 pm **Workshops – Needle EMG (All attendees participate in every workshop).** (LIVESTREAM PARTICIPANTS: Prerecorded Demonstrations available to watch on-line)
Common Upper Extremity
Common Lower Extremity
Uncommon Upper Extremity
Needle Technique and Practical Points
- 5:30 p.m. **Adjourn**

Tuesday, February 21, 2023
EMG Approaches to Common Disorders

- 7:15 a.m. Continental Breakfast
- 8:00 **A Morning of EMG Waveforms: Food, Fun, and Fibrillations** . . . Devon I. Rubin, M.D. and Ruple S. Laughlin, M.D.
- 12:15 p.m. Break

- 12:30 **(Lunch and Learn) Neuromuscular Ultrasound in the EMG Lab: Basics and Demo**
Andrea Boon, M.D. and Eric J. Sorenson, M.D.
- 1:30 **Workshop – Miscellaneous NCS.** (LIVESTREAM PARTICIPANTS: Prerecorded Demonstrations available to watch on-line)
Repetitive Stimulation
Single Fiber EMG
Cranial Nerve Testing (Blinks, Facial Motor NCS, Spinal Accessory, Jaw Jerk)
Neuromuscular Ultrasound
Hands-on Practice: Upper and Lower Limb NCS
- 5:30 p.m. **Adjourn**

Wednesday, February 22, 2023
EMG Approaches to Neuromuscular Disorders

- 7:30 a.m. Continental Breakfast
- 7:45 **Carpal Tunnel Syndrome . . .** Chris Lamb, M.D.
8:30 **Ulnar Neuropathy . . .** Ruple S. Laughlin, M.D.
- 9:15 Break
- 9:30 **Brachial Plexopathies . . .** Elizabeth Mauricio, M.D.
10:30 **Evaluation of Radiculopathies . . .** Jaimin Shah, M.D.
11:30 **Lower Limb Mononeuropathies . . .** Julie A. Khoury, M.D.
- 12:00 p.m. Lunch
- 12:15 **(Lunch and Learn) Pathological Correlates of EMG Findings in Neuropathy**
P. James B. Dyck, M.D.
- 1:15 **Evaluation of Common, Distal Sensorimotor Peripheral Neuropathies . . .** Christopher (Chris) J. Lamb, M.D.
2:15 **Evaluation of Uncommon and Atypical Peripheral Neuropathies . . .** Christopher (Chris) J. Lamb, M.D.
3:15 **Optional Workshop – NCS Skills Practice**
(Attendees have opportunity to practice performing NCS with faculty guidance)
- 5:30 p.m. **Adjourn**

Thursday, February 23, 2023
EMG Approaches to Neuromuscular Disorders, Evoked Potentials, Sleep, Intraoperative Monitoring, Sleep

- 7:30 a.m. Continental Breakfast
- 8:00 **Motor Neuron Diseases . . .** Eric J. Sorenson, M.D.
9:00 **Neuromuscular Junction Disorders . . .** Ruple S. Laughlin, M.D.
- 10:00 Break
- 10:15 **Myopathies . . .** Elliot L. Dimberg, M.D.
11:15 **EMG Case Discussions and Ask the Experts . . .** Devon I. Rubin, MD and Faculty
- 12:00 p.m. Lunch
- 1:00 **Somatosensory Evoked Potentials . . .** Ernest (Matt) M. Hoffman, D.O., Ph.D.
2:00 **Visual Evoked Potentials and Brainstem Auditory Evoked Responses (BAERs) . . .** Jonathan L. Carter, M.D.
- 3:00 Break
- 3:15 **Intraoperative Monitoring . . .** Ernest (Matt) M. Hoffman, D.O., PhD

4:15 **Basics of Sleep Neurophysiology and Polysomnography . . .** Michael H. Silber, M.B., Ch.B.

5:30 p.m. **Adjourn**

Friday, February 24, 2023

EEG

7:30 a.m. Continental Breakfast

8:00 **Introduction and Pre-test . . .** David B. Burkholder, M.D.

8:10 **Nuts and Bolts of EEG . . .** Brian N. Lundstrom, M.D., Ph.D.

8:45 **Normal EEG and Benign Variants in Adults . . .** Jeffrey W. Britton, M.D.

9:25 **Normal EEGs in Infants and Children . . .** Katherine C. Nickels, M.D.

10:15 Break

10:30 **Abnormal EEGs in Pediatric Epilepsies . . .** Katherine C. Nickels, M.D.

11:20 **Fake News: Artifacts in EEG . . .** William Tatum, D.O.

12:15 p.m. Lunch

1:15 **EEG in Adult Epilepsies . . .** Elson L. So, M.D.

2:05 **EEG-Epilepsy Case Discussions . . .** Joseph I. Sirven, M.D.

2:50 Break

3:05 **EEG in Focal Lesions. . .** Jeffrey W. Britton, M.D.

3:35 **Ambulatory EEG . . .** William O. Tatum, D.O.

4:30 p.m. **Adjourn**

Saturday, February 25, 2023

EEG Monitoring and Video EEG

7:30 a.m. Continental Breakfast

8:00 **Video EEG for Spells and Seizures (Adults) . . .** Gregory D. Cascino, M.D.

8:50 **Video EEG for Spells and Seizures (Pediatrics) . . .** Raj D. Sheth, M.D.

9:30 **EEG evaluation of Seizure Mimickers . . .** Joseph Draskowski, M.D.

10:20 Break

10:35 **EEG in Status Epilepticus . . .** Katherine Noe, M.D., Ph.D.

11:15 **EEG in Prognostication of Anoxic Brain Injury . . .** Jeffrey W. Britton, M.D.

12:00 p.m. Lunch

1:00 **Mission Critical: EEG in Coma and Encephalopathies . . .** David B. Burkholder, M.D.

1:45 **Breakout Sessions (Attendees rotate through all 4 sessions – 2 before break, 2 after break)**

- **Basics in EEG Interpretation and Reporting**

Approach to orderly analysis of routine EEGs

Common pitfalls for the beginning reader

Elements of a complete and useful report

Katherine Noe, M.D., Ph.D. and Joseph Draskowski, M.D.

- **EEG Reading Session – Hands on EEG Cases**

Jeffrey W. Britton, M.D. and Katherine C. Nickels, M.D.

- **EEG Quiz Session – You Make the Call**

Anthony L. Ritaccio, M.D. and David B. Burkholder, M.D.

- **Critical Care EEG – Reading Between the Lines**

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

2:55 Break

3:10 **Return to Breakout Sessions**

4:20 Post-test

4:40 p.m. **Adjourn**

Mission Critical: EEG in Coma and Encephalopathies

David B. Burkholder, M.D.

Breakout Sessions (Attendees rotate through all 4 sessions)

- 1 Basics in EEG Interpretation and Reporting
Katherine Noe, M.D., Ph.D.
Joseph Drazkowski, M.D.
- 2 EEG Reading Session – Hands-on EEG Cases
Jeffrey W. Britton, M.D.
Katherine C. Nickels, M.D.
- 3 EEG Quiz Session – You Make the Call
Anthony L. Ritaccio, M.D.
David B. Burkholder, M.D.
- 4 Critical Care EEG – Reading Between the Lines
Elson L. So, M.D.
Gregory D. Cascino, M.D.

*Visit the course website for full program

ABOUT THE LOCATION

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

A block of coastal view rooms single/double/triple/quad occupancy is reserved at a special course rate of \$259 per night, plus tax, until January 27, 2023, or until the room block is filled. 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. Overnight parking at the resort is \$18 per night. Day guest parking is complimentary.

COURSE REGISTRATION

Full Session (February 19-25)	Fee
Live	\$1595
Livestream	\$975
EMG & Neurophysiology in Clinical Practice (February 19-23)	
Live	\$1050
Livestream	\$875
EEG (February 24-25)	
Live	\$850
Livestream	\$750
MOC Courses	
EEG MOC ABPN	\$75
EMG MOC ABPN	\$75

Available credit

8.00 ABPN
57.00 AMA PRA Category 1 Credit™
57.00 AOA Category 2-A
57.00 Attendance

Visit 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 57.0 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Session breakdown– EMG 43.00 credits / EEG 14.00 credits.

MOC/SAM The American Board of Psychiatry and Neurology has reviewed the Electromyography (EMG), Electroencephalography (EEG), and Neurophysiology in Clinical Practice 2023 course and has approved this program as part of a comprehensive Self-Assessment Part II program, which is mandated by the ABMS as a necessary component of Maintenance of Certification.

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 57.00 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.

NON-PROFIT ORG.
U.S. POSTAGE
PAID
MAYO CLINIC

Mayo Clinic
4500 San Pablo Road
Jacksonville, FL 32224

ELECTRONIC SERVICE REQUESTED



FEBRUARY 19-25, 2023

The Ritz-Carlton Amelia Island
Amelia Island, Florida US

ce.mayo.edu/emgeeg2023

**Electromyography (EMG),
Electroencephalography (EEG)
& Neurophysiology in
Clinical Practice**



COURSE DIRECTORS

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

Mayo Clinic School of Continuous Professional Development

ce.mayo.edu | cme@mayo.edu | 800-323-2688

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MC8100-03BR0rev1022



School of Continuous
Professional Development



Join us
in Florida!

**Electromyography (EMG),
Electroencephalography (EEG)
& Neurophysiology in
Clinical Practice**

FEBRUARY 19-25, 2023

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: physiology, pathophysiology, EMG, EEG, evoked potentials, sleep, and intraoperative monitoring.

ce.mayo.edu/emgeeg2023



57.00
AMA PRA
Category 1
Credit™,
AOA
Category
2-A

8.00
ABPN

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:

- Describe the utility and techniques of electrophysiologic testing, including NCS/EMG, EEG, IOM, evoked potentials, and sleep studies

- Develop a logical approach to the use of specific electrophysiological techniques in the evaluation of common and uncommon neuromuscular disorders
- Identify technical pitfalls associated with NCS and needle EMG and discern methods to correct and minimize technical problems
- Interpret the findings and clinical significance of abnormalities on nerve conduction studies
- Recognize and interpret the significance of various EMG waveforms on needle EMG
- Describe the utility and technical aspects of different nerve conduction studies and muscles to be examined during an electrodiagnostic study
- Identify the normal and variant EEG patterns of adult and pediatric patients
- Recognize technical pitfalls and artifacts associated with EEG studies
- Interpret the findings and clinical significance of abnormalities on inpatient and outpatient EEG studies
- Integrate the various clinical neurophysiology studies (evoked potentials, sleep studies) in the evaluation of patients with disorders of the central nervous system

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 and physicians specializing in and practicing clinical neurophysiology.

Program agenda

SUNDAY, FEBRUARY 19 (EMG)

Nerve Conduction Studies: The Basics
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 – Technique and Utility
Jennifer M. Martinez-Thompson, M.D.

Repetitive Nerve Stimulation
Brent P. Goodman, 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 on-line for livestream participants

MONDAY, FEBRUARY 20 (EMG)

Technique of Needle Examination
Devon I. Rubin, M.D.

EMG Waveform Analysis: Introduction
Devon I. Rubin, M.D.

EMG Report Writing: What is Important in a Report?
Benn E. Smith, M.D.

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

- Common Upper Extremity
- Common Lower Extremity

- Uncommon Upper Extremity
- Needle Technique and Practical Points

*Prerecorded demonstrations available to watch on-line for livestream participants

TUESDAY, FEBRUARY 21 (EMG)

A Morning of EMG Waveforms: Food, Fun, and Fibrillations
Devon I. Rubin, M.D.
Ruple S. Laughlin, M.D.

Neuromuscular Ultrasound in the EMG Lab: Basics and Demo
Andrea Boon, M.D.
Eric J. Sorenson, M.D.

Workshops – Miscellaneous NCS*

- Repetitive Stimulation
- Single Fiber EMG
- Cranial Nerve Testing (Blinks, Facial Motor NCS, Spinal Accessory, Jaw Jerk)
- Neuromuscular Ultrasound
- Hands-on Practice: Upper and Lower Limb NCS

*Prerecorded demonstrations available to watch on-line for livestream participants

WEDNESDAY, FEBRUARY 22 (EMG)

Carpal Tunnel Syndrome
Christopher J. Lamb, M.D.

Ulnar Neuropathy
Ruple S. Laughlin, M.D.

Brachial Plexopathies
Elizabeth Mauricio, M.D.

Evaluation of Radiculopathies
Jaimin Shah, M.D.

Lower Limb Mononeuropathies
Julie A. Khoury, M.D.

Pathological Correlates of EMG Findings in Neuropathy
P. James B. Dyck, M.D.

Evaluation of Common, Distal Sensorimotor Peripheral Neuropathies
Christopher J. Lamb, M.D.

Evaluation of Uncommon and Atypical Peripheral Neuropathies
Christopher J. Lamb, M.D.

Optional Workshop – NCS Skills Practice*

*Attendees have opportunity to practice performing NCS with faculty guidance

THURSDAY, FEBRUARY 23 (EMG & Other)

Motor Neuron Diseases
Eric J. Sorenson, M.D.

Neuromuscular Junction Disorders
Ruple S. Laughlin, M.D.

Myopathies
Elliot L. Dimberg, M.D.

EMG Case Discussions and Ask the Experts
Devon I. Rubin, M.D., and Faculty

Somatosensory Evoked Potentials
Ernest (Matt) M. Hoffman, D.O., Ph.D.

Visual Evoked Potentials and Brainstem Auditory Evoked Responses (BAERs)
Jonathan L. Carter, M.D.

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

Basics of Sleep Neurophysiology and Polysomnography
Michael H. Silber, M.B., Ch.B.

FRIDAY, FEBRUARY 24 (EEG)

Introduction and Pre-test
David B. Burkholder, M.D.

Nuts and Bolts of EEG
Brian N. Lundstrom, M.D., Ph.D.

Normal EEG and Benign Variants in Adults
Jeffrey W. Britton, M.D.

Normal EEGs in Infants and Children
Katherine C. Nickels, M.D.

Abnormal EEGs in Pediatric Epilepsies
Katherine C. Nickels, M.D.

Fake News: Artifacts in EEG
William Tatum, D.O.

EEG in Adult Epilepsies
Elson L. So, M.D.

EEG-Epilepsy Case Discussions
Joseph I. Sirven, M.D.

EEG in Focal Lesions
Jeffrey W. Britton, M.D.

Ambulatory EEG
William O. Tatum, D.O.

SATURDAY, FEBRUARY 25 (EEG)

Video EEG for Spells and Seizures (Adults)
Gregory D. Cascino, M.D.

Video EEG for Spells and Seizures (Pediatrics)
Raj D. Sheth, M.D.

EEG Evaluation of Seizure Mimickers
Joseph Drazkowski, M.D.

EEG in Status Epilepticus
Katherine Noe, M.D., Ph.D.

EEG in Prognostication of Anoxic Brain Injury
Jeffrey W. Britton, M.D.

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