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| **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. | WelcomeDevon 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 – CommonUpper Extremity Motor – Uncommon Upper Extremity Sensory Lower Extremity Motor and Sensory |
| 5:30 p.m. |  | **Adjourn** |

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| **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 |
| 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** |

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| **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** |

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| **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** |
| 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** |

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| **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** |

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| **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. | **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** |

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| **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. |
| 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 Drazkowski, 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 Drazkowski, M.D. |
| 2:40 p.m. | 3:20 p.m. | **EEG Session – Spell or Seizure??** Joseph Drazkowski, 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** |