Program Agenda (Eastern Standard Time)

This virtual program will consist of pre-recorded lectures and demonstrations and live-streaming question/answer, discussion/demonstrations sessions, and demonstrations. The pre-recorded lectures will be shown during the scheduled time but can also be viewed at any time independently. The live-stream sessions will be recorded for later viewing.

**Sunday, March 14, 2021**

**EMG**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 am</td>
<td>Nerve Conduction Studies: The Basics</td>
<td>Brian A. Crum, M.D.</td>
<td>45:10</td>
</tr>
<tr>
<td>8:00</td>
<td>Uncommon Motor Nerve Conduction Studies, F Waves and H Reflexes</td>
<td>Sarah E. Berini, M.D.</td>
<td>39:39</td>
</tr>
<tr>
<td>9:00</td>
<td>Uncommon Sensory Studies – Technique and Utility</td>
<td>Jennifer M. Martinez-Thompson, M.D.</td>
<td>50:35</td>
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<tr>
<td>10:00</td>
<td>Repetitive Nerve Stimulation</td>
<td>Brian A. Crum, M.D.</td>
<td>53:07</td>
</tr>
<tr>
<td>11:00</td>
<td>Pitfalls of Nerve Conduction Studies</td>
<td>Devon I. Rubin, M.D.</td>
<td>59:30</td>
</tr>
<tr>
<td>12-1 pm</td>
<td>LIVESTREAM: Discussion and Q/A with Faculty (NCS, RNS, Pitfalls)</td>
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</tbody>
</table>

**Pre-Recorded Nerve Conduction Study Demonstrations**

(Accessible on the course website to watch on your own time)

- Upper Extremity Motor (1:00:08)
- Upper Extremity Sensory (58:03)
- Lower Extremity Motor and Sensory (1:21:19)
- Cranial (25:18)
- Repetitive Nerve Stimulation (34:42)

**Monday, March 15, 2021**

**EMG**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
<th>Duration</th>
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</thead>
<tbody>
<tr>
<td>7:00 am</td>
<td>Technique of Needle Examination</td>
<td>Devon I. Rubin, M.D.</td>
<td>45:04</td>
</tr>
<tr>
<td>8:00</td>
<td>Needle EMG of Uncommon Muscles</td>
<td>Eric J. Sorenson, M.D.</td>
<td>1:18:46</td>
</tr>
<tr>
<td>9:00</td>
<td>EMG Report Writing: What is Important in a Report?</td>
<td>Elizabeth Mauricio, M.D.</td>
<td>29:30</td>
</tr>
<tr>
<td>10:00</td>
<td>EMG Waveform Analysis: Introduction</td>
<td>Devon I. Rubin, M.D.</td>
<td>1:51:33</td>
</tr>
<tr>
<td>12-1 pm</td>
<td>LIVESTREAM: Discussion and Q/A with Faculty (Technique, Uncommon Muscles, Reports, EMG Waveforms)</td>
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</tbody>
</table>

Break

**LIVESTREAM: Nerve Conduction Studies Workshop: Demo, Discussion, and Q/A**
Pre-Recorded Needle Examination Demonstrations
(Accessible on the course website to watch on your own time)
Common Upper Extremity
Common Lower Extremity
Uncommon Upper Extremity
Single Fiber EMG

Tuesday, March 16, 2021
EMG and Neuromuscular Ultrasound

Pre-Recorded
8:00 am
**EMG Waveforms: Mastering MUP Analysis** . . . Devon I. Rubin, M.D.
(1:51:35)
11:00
**Neuromuscular Ultrasound in the EMG Lab: Basics and Demo** . . . James C. Watson, M.D. and Eric J. Sorenson, M.D.
(1:05:53)
12-2 pm
**LIVESTREAM: EMG Waveforms: You Make the Call!** . . . Devon I. Rubin, MD and Ruple S. Laughlin, M.D.
2-4
**LIVESTREAM: Needle EMG Workshop: Demonstration, Discussion, and Q/A**

Wednesday, March 17, 2021
EMG Approaches to Neuromuscular Disorders

Pre-Recorded Topics
7:00 am
**Carpal Tunnel Syndrome** . . . James C. Watson, M.D.
(47:20)
8:00
**Ulnar Neuropathy** . . . Ruple S. Laughlin, M.D.
(44:48)
9:00
**Brachial Plexopathies** . . . Devon I. Rubin, M.D.
(46:53)
10:00
**Radiculopathies** . . . Jaimin Shah, M.D.
(52:33)
11:00
**Lower Limb Mononeuropathies** . . . Julie A. Khoury, M.D.
(48:23)
12-1 pm
**LIVESTREAM: Discussion and Q/A with Faculty (Approaches to Mononeuropathies, Radiculopathies, Brachial plexopathies)**

Pre-Recorded Topics
1:00
**Common, Distal Sensorimotor Peripheral Neuropathies** . . . Michelle L. Mauermann, M.D.
(37:36)
2:00
**Uncommon and Atypical Peripheral Neuropathies** . . . Michelle L. Mauermann, M.D.
(34:40)
3:00
**Pathological Correlates of EMG Findings in Neuropathy** . . . P. James B. Dyck, M.D.
(44:31)
4-5 pm
**LIVESTREAM: Discussion and Q/A with Faculty (Peripheral Neuropathies)**

Thursday, March 18, 2021
EMG, Evoked Potentials, Sleep, Intraoperative Monitoring

Pre-Recorded Topics
7:00 am
**Cranial Neuropathies** . . . Benn E. Smith, M.D.
8:00
**Motor Neuron Diseases** . . . Eric J. Sorenson, M.D.
(58:09)
9:00
**Neuromuscular Junction Disorders** . . . Kathleen D. Kennelly, M.D., Ph.D.
**Myopathies . . . Elliot L. Dimberg, M.D.**

**10:00**
**11am-12 pm** LIVESTREAM: Discussion and Q/A with Faculty (Cranial Neuropathies, MND, NMJ diseases, Myopathies)

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**Pre-Recorded Topics**

**12 pm** Somatosensory Evoked Potentials . . . Ernest (Matt) M. Hoffman, D.O., PhD (46:24)

**1:00** Visual Evoked Potentials and Brainstem Auditory Evoked Responses (BAERs) . . . Jonathan L. Carter, M.D.

**2:00** Intraoperative Monitoring . . . Ernest (Matt) M. Hoffman, D.O., PhD (49:42)

**3:00** Basics of Sleep Neurophysiology and Polysomnography . . . Michael H. Silber, M.B., Ch.B. (55:35)

**4-5 pm** LIVESTREAM: Discussion and Q/A with Faculty (Evoked potentials, IOM, Sleep)

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**Friday, March 19, 2021**
**EEG**

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**Pre-Recorded Topics**

**8:00 am** Welcome Pre-course quiz …. Jeffery W. Britton M.D.

**8:10** Normal EEG and Benign Variants in Adults . . . Jeffrey W. Britton, M.D. (47:12)

**8:45** Normal EEGs in Infants and Children . . . Katherine C. Nickels, M.D. (34:43)

**9:35** Montages, Filters and Polarity, Oh my! . . . Brian Lundstrom, MD, PhD (35:24)

**10:30** Abnormal EEGs in Pediatric Epilepsies . . . Katherine C. Nickels, M.D. (39:56)

**11:20** Fake News: Artifacts in EEG . . . William Tatum, DO (41:33)

**Noon** Break

**1 :15 pm** EEG in Adult Epilepsies . . . Elson L. So, M.D. (50:11)

**2:05** Mission Critical: EEG in Coma and Encephalopathies . . . David Burkholder, MD (32:14)

**LIVESTREAM:**

**3:00** 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 Drazkowski, M.D.

**3:45** EEG Reading Session – Interpretation of full EEG studies . . . Jeffrey W. Britton, M.D. and Katherine Nickels, M.D.

**4:30** EEG Quiz Session – You Make the Call . . . Anthony Ritaccio, M.D. and David Burkholder, M.D.

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**Saturday, March 20, 2021**
**EEG Monitoring and Video EEG**

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**Pre-Recorded Topics**

**8:00 am** EEG in Focal Disorders . . . Jeffrey W. Britton, M.D. (22:23)

**8:45** Ambulatory EEG . . . William O. Tatum, D.O.
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter</th>
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<tbody>
<tr>
<td>9:30</td>
<td><strong>Video EEG for Spells and Seizures (Adults)</strong></td>
<td>Gregory Cascino, M.D.</td>
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<tr>
<td>10:00</td>
<td>Break</td>
<td></td>
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<tr>
<td>10:35</td>
<td><strong>Video EEG for Spells and Seizures (Pediatrics)</strong></td>
<td>Raj D. Sheth, M.D.</td>
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<tr>
<td>11:15</td>
<td><strong>EEG evaluation of Seizure Mimickers</strong></td>
<td>Joseph Drazkowski, M.D.</td>
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<tr>
<td>12:00</td>
<td>Break</td>
<td></td>
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<tr>
<td>1:00 pm</td>
<td><strong>EEG in Status Epilepticus</strong></td>
<td>Katherine Noe, M.D., Ph.D.</td>
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<tr>
<td>1:45</td>
<td><strong>EEG in Prognostication of Anoxic Brain Injury</strong></td>
<td>Jeffrey W. Britton, M.D.</td>
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<tr>
<td>2:30</td>
<td><strong>EEG-Epilepsy Case Discussions</strong></td>
<td>Joseph Sirven, M.D.</td>
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<tr>
<td>3:00</td>
<td><strong>Post Quiz</strong></td>
<td>Jeffrey W. Britton, M.D.</td>
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