Program Agenda

Saturday

**EPILEPSY SURGERY UPDATE**
7:00 — 8:30 AM
Room: Cape Cod, 3rd Floor
Course Co-Chairs: Stephan U. Schuele, MD, MPH, FACNS and William O. Tatum, DO, FACNS

- Invasive Exploration with Stereo EEG vs. Subdural Electrodes
  - Stephan U. Schuele, MD, MPH, FACNS

- Lasers, Gamma Knife or Electrocoagulation: A Brave New World to Minimal Invasive Epilepsy Surgery
  - William O. Tatum, DO, FACNS

- Stimulation Therapy for Epilepsy: RNS, DBS or VNS
  - Lawrence J. Hirsch, MD, FACNS

8:30 — 9:00 AM
Breakfast
Room: Exhibit Hall (Nantucket, 3rd Floor)

**INTENSIVE CARE UNIT ELECTROENCEPHALOGRAPHY MONITORING (ICU EEG)**
9:00 AM — 6:00 PM
Room: Martha’s Vineyard, 3rd Floor
Course Co-Chairs: Nicholas S. Abend, MD and Saurabh R. Sinha, MD, PhD

9:00 — 9:10 AM
Introductory Remarks and Historical Perspective
- Lawrence J. Hirsch, MD, FACNS

9:10 — 10:30 AM
Indications for CEEG — Seizure Identification
- Adults
  - Saurabh R. Sinha, MD, PhD

- Neonates
  - Courtney J. Wusthoff, MD

- Pediatrics
  - Nicholas S. Abend, MD

10:30 — 10:50 AM
Break & Visit Exhibits
Room: Exhibit Hall (Nantucket, 3rd Floor)

Indications for CEEG — Other
- Ischemia Detection
  - Susan T. Herman, MD, FACNS

- Prognosis — Adult
  - Suzette M. LaRocche, MD, FACNS

- Prognosis — Neonates and Children
  - Courtney J. Wusthoff, MD

- Lunch & Visit Exhibits
  - Room: Exhibit Hall (Nantucket, 3rd Floor)

- CEEG Interpretation
  - Background
    - Saurabh R. Sinha, MD, PhD

- Seizures and Periodic Patterns
  - Lawrence J. Hirsch, MD, FACNS

- Neonatal
  - Courtney J. Wusthoff, MD

- Break & Visit Exhibits
  - Room: Exhibit Hall (Nantucket, 3rd Floor)

- Seizure Management
  - Neonates and Children
    - Tobias Loddenkemper, MD, FACNS

- Adults
  - Aatif M. Husain, MD, FACNS

- Cases
  - Courtney J. Wusthoff, MD; Cecil D. Hahn, MD, MPH, FACNS; Suzette M. LaRocche, MD, FACNS; Lawrence J. Hirsch, MD, FACNS
# Program Agenda

**Saturday**

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<td>NEUROPHYSIOLOGIC INTRAOPERATIVE MONITORING (NIOM)</td>
<td>Room: Cape Cod, 3rd Floor</td>
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<td>9:00 – 9:05 AM</td>
<td>Introduction and Welcome</td>
<td>Marc R. Nuwer, MD, PhD, FACNS</td>
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<td>9:05 – 10:25 AM</td>
<td>SEP</td>
<td>Aatif M. Husain, MD, FACNS</td>
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<td>MEP</td>
<td>Ronald Emerson, MD, FACNS</td>
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<td>10:25 – 10:45 AM</td>
<td>Break &amp; Visit Exhibits</td>
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<td>10:45 AM – 12:00 PM</td>
<td>Cranial Nerves</td>
<td>Alan D. Legatt, MD, FACNS</td>
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<td>EEG</td>
<td>Marc R. Nuwer, MD, PhD, FACNS</td>
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<td>12:00 – 1:00 PM</td>
<td>Lunch &amp; Visit Exhibits</td>
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<td>1:00 – 2:40 PM</td>
<td>BAEP</td>
<td>Alan D. Legatt, MD, PhD, FACNS</td>
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<td>NIOM in Spastic CP</td>
<td>Gloria Galloway, MD, FACNS</td>
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<td>Case Discussion: CPA Surgery</td>
<td>Alan D. Legatt, MD, PhD, FACNS</td>
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<td>2:40 – 3:00 PM</td>
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<td>Break &amp; Visit Exhibits</td>
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<td>Case Discussion: Spinal Cord Monitoring</td>
<td>Ronald Emerson, MD, FACNS</td>
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<td>3:00 – 5:00 PM</td>
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<td>Case Discussion: Spinal Cord Monitoring</td>
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<td>Mirela V. Simon, MD, FACNS</td>
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<td>5:00 – 6:00 PM</td>
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<td>Case Discussion: Selective Dorsal Rhizotomy</td>
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<td>Gloria Galloway, MD, FACNS</td>
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<td>6:00 – 7:00 pm</td>
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<td>Q &amp; A Panel Discussion</td>
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<td>Reception &amp; Visit Exhibits</td>
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<td>Room: Exhibit Hall (Nantucket, 3rd Floor)</td>
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# Program Agenda

## Sunday

### PEDIATRIC EEG UPDATE: SPECIAL APPLICATIONS OF EEG TO PEDIATRIC EPILEPSY
7:00 – 8:30 AM
Room: Cape Cod, 3rd Floor
Course Co-Chairs: Gregory L. Holmes, MD and Philip L. Pearl, MD

- **EEG as a Biomarker for Cognition**
  
  *Gregory L. Holmes, MD, FACNS*

- **EEG Correlations in Tuberous Sclerosis**
  
  *Elizabeth A. Thiele, MD, PhD*

- **EEG in Genetic-Metabolic Epilepsies**
  
  *Phillip L. Pearl, MD, FACNS*

8:30 – 9:00 AM
**Breakfast**
Room: Exhibit Hall (Nantucket, 3rd Floor)

### INTENSIVE CARE UNIT ELECTROENCEPHALOGRAPHY MONITORING (ICU EEG)
9:00 AM – 4:00 PM
Room: Martha’s Vineyard, 3rd Floor
Course Co-Chairs: Nicholas S. Abend, MD and Saurabh R. Sinha, MD, PhD

- **Quantitative EEG**
  
  *Cecil D. Hahn, MD, MPH, FACNS*

  **Workshop and Cases**
  
  *Susan T. Herman, MD, FACNS*

9:00 – 10:30 AM

10:30 – 10:50 AM
**Break & Visit Exhibits**
Room: Exhibit Hall (Nantucket, 3rd Floor)

10:50 AM – 12:00 PM
**Administrative Issues**

- **Equipment, Networking, and Electrodes**
  
  *Saurabh R. Sinha, MD*

- **Staffing, Personnel, Workflow, and Logistics**
  
  *Cecil D. Hahn, MD, MPH, FACNS*

- **Billing and Coding**
  
  *Marc R. Nuwer, MD, PhD, FACNS*

12:00 – 1:00 PM
**Lunch & Visit Exhibits**
Room: Exhibit Hall (Nantucket, 3rd Floor)

1:00 – 2:30 PM
**Other Topics**

- **Impact of Seizures — Bench Studies**
  
  *Gregory L. Holmes, MD, FACNS*

- **Impact of Seizures — Clinical**
  
  *Nicholas S. Abend, MD*

1:00 – 2:30 PM
**Break**
Room: 3rd Floor Foyer

### NEUROPHYSIOLOGIC INTRAOPERATIVE MONITORING (NIOM)
9:00 AM – 4:00 PM
Room: Cape Cod, 3rd Floor
Course Co-Chairs: Marc R. Nuwer, MD, PhD and Gloria Galloway, MD

- **Welcome**
  
  *Gloria Galloway, MD, FACNS*

9:00 – 9:05 AM

9:05 – 10:25 AM
**Anesthesia**

*Ronald Emerson, MD, FACNS*

**EMG and Peripheral Nerves**

*Stanley Skinner, MD, FACNS*

10:25 – 10:45 AM
**Break & Visit Exhibits**
Room: Exhibit Hall (Nantucket, 3rd Floor)

10:45 AM – 12:00 PM
**Case Discussion: Peripheral Surgery**

*Mirela V. Simon MD, FACNS*

**Case Discussion: Lower Spinal Surgery**

*Stanley Skinner, MD, FACNS*

**Q & A Panel Discussion**

12:00 – 1:00 PM
**Lunch & Visit Exhibits**
Room: Exhibit Hall (Nantucket, 3rd Floor)

1:00 – 2:20 PM
**Billing and Regulatory Issues**

*Marc R. Nuwer, MD, PhD, FACNS*

**Cortical Mapping and Stimulation**

*Marc R. Nuwer, MD, PhD, FACNS*

2:20 – 2:35 PM
**Break**
Room: 3rd Floor Foyer

2:35 – 4:00 PM
**Case Discussion: Brain Tumor Surgery**

*Mirela V. Simon, MD, FACNS*

**Case Discussion: Aortic Surgery**

*Aatif M. Husain, MD, FACNS*

**Q & A Panel Discussion**