Advances in Epilepsy and EEG CME Symposium

Course directors
Stephan U. Schuele, MD, MPH, Stephen A. VanHaerents, MD and John J. Millichap, MD

A new definition of epilepsy was recently proposed, while several medical and surgical treatment options have been approved by the FDA. The Institute of Medicine recognized a practice gap in the care of epilepsy patients to offer advanced diagnostic workup and treatment of their seizures and associated comorbidities with a comprehensive approach. The purpose of this activity is to inform community neurologists and pediatric neurologists, as well as healthcare providers working in epilepsy centers across the Chicagoland area, about the advancements in epilepsy diagnosis and treatment.

The CME activity focuses on five areas that have been identified through our needs assessment: new treatment options, new onset epilepsy, treatment of special populations, neonatal EEG and ambulatory EEG. Our program will specifically address these areas, providing attendees with an understanding of the indication and implementation of these advances in their practice. Please join Northwestern and invited faculty on May 20 – 21 for an informal and interactive discussion.

Program objectives
After attending this educational activity, participants should be able to:

1. Identify the approach to a patient with newly diagnosed epilepsy and the new ILAE definition and guidelines.
2. Evaluate the indications and limitations of ambulatory EEG recordings.
3. Recognize the special needs and treatment options for specific populations with epilepsy.
4. Review the basic principles of neonatal EEG and learn about its utility in the Neonatal ICU setting and for prognostication.
5. Predict patients who are candidates for the most recent treatment options for intractable epilepsy.

For more information, please contact Sarah Baggs at Northwestern Memorial HealthCare at 312.926.7975.
# Agenda: Friday, May 20

## NEW THERAPIES FOR REFRACTORY EPILEPSY

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Presenter(s)</th>
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</thead>
<tbody>
<tr>
<td>1:30 pm</td>
<td>Registration and Refreshments</td>
<td></td>
</tr>
<tr>
<td>2:00 pm</td>
<td><strong>Welcome</strong></td>
<td>Stephan U. Schuele, MD, MPH, and Stephen A. VanHaerents, MD</td>
</tr>
<tr>
<td>2:15 pm</td>
<td><strong>Stimulation Treatment</strong></td>
<td>Stephen A. VanHaerents, MD</td>
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<tr>
<td>3:15 pm</td>
<td><strong>New AEDs</strong></td>
<td>Jorge J. Asconapé, MD</td>
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<tr>
<td>4:15 pm</td>
<td><strong>Break</strong></td>
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<tr>
<td>4:30 pm</td>
<td><strong>Ketogenic Diet</strong></td>
<td>Antoaneta J. Balabanov, MD</td>
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<tr>
<td>5:30 pm</td>
<td><strong>Panel Discussion - Q&amp;A</strong></td>
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<tr>
<td>6:00 pm</td>
<td><strong>Adjourn</strong></td>
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## Workshops: Saturday, May 21

### NEONATAL EEG WORKSHOP

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:15 am</td>
<td>Breakfast and Registration</td>
<td></td>
</tr>
<tr>
<td>9:00 am</td>
<td>Introduction to Neonatal EEG</td>
<td>Sunila O’Connor, MD</td>
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<tr>
<td>10:00 am</td>
<td>EEG in Early Life Epilepsy</td>
<td>John J. Millichap, MD</td>
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<tr>
<td>11:00 am</td>
<td>Neonatal ICU Monitoring</td>
<td>Michael Kohrman, MD</td>
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<tr>
<td>12:00 pm</td>
<td>EEG Background and Prognosis</td>
<td>Lubov F. Romantseva, MD</td>
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<tr>
<td>1:00 pm</td>
<td>Lunch</td>
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### NEW ONSET EPILEPSY WORKSHOP

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>8:15 am</td>
<td>Breakfast and Registration</td>
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<tr>
<td>9:00 am</td>
<td>First-Time Seizure Guidelines, Definitions and ILAE Classifications</td>
<td>Jay R. Gavvala, MD</td>
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<tr>
<td>10:00 am</td>
<td>First Line Medications</td>
<td>Micheal P. Macken, MD</td>
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<tr>
<td>11:00 am</td>
<td>Counseling: Driving, Precautions, SUDEP</td>
<td>James Tao, MD, PhD</td>
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<tr>
<td>12:00 pm</td>
<td>Advanced Workup: Autoimmune Epilepsy</td>
<td>Stephen A. VanHaerents, MD</td>
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<tr>
<td>1:00 pm</td>
<td>Lunch</td>
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### AMBULATORY EEG

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:00 pm</td>
<td>History and Indication</td>
<td>Adriana C. Bermeo-Ovalle, MD</td>
</tr>
<tr>
<td>2:30 pm</td>
<td>Normal EEG and Artifacts</td>
<td>Jay R. Gavvala, MD</td>
</tr>
<tr>
<td>3:00 pm</td>
<td>Epileptiform Findings</td>
<td>Stephan U. Schuele, MD, MPH</td>
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<tr>
<td>3:30 pm</td>
<td>Break</td>
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<tr>
<td>3:45 pm</td>
<td>Quantitative EEG</td>
<td>Elizabeth E. Gerard, MD</td>
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<td>4:15 pm</td>
<td>Video Ambulatory EEG</td>
<td>Esmeralda Park, MD</td>
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<tr>
<td>4:45 pm</td>
<td>Closing Comments and Adjournment</td>
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### SPECIAL POPULATIONS

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>2:00 pm</td>
<td>Epilepsy in the Elderly</td>
<td>Michael C. Smith, MD</td>
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<tr>
<td>2:30 pm</td>
<td>Brain Tumors and Epilepsy</td>
<td>Jeffrey J. Raizer, MD</td>
</tr>
<tr>
<td>3:00 pm</td>
<td>Women with Epilepsy</td>
<td>Elizabeth E. Gerard, MD</td>
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<tr>
<td>3:30 pm</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>3:45 pm</td>
<td>Traumatic Brain Injury and Epilepsy</td>
<td>Jeffrey A. Loeb, MD, PhD</td>
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<tr>
<td>4:15 pm</td>
<td>Generalized Epilepsy in Adults</td>
<td>Jorge J. Asconapé, MD</td>
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<tr>
<td>4:45 pm</td>
<td>Closing Comments and Adjournment</td>
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Program course directors

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Associate Professor of Neurology
University of Illinois College of Medicine at Chicago

Jeffrey A. Loeb, MD, PhD
John S. Garvin Professor and Head
Department of Neurology and Rehabilitation
University of Illinois College of Medicine at Chicago
Hotel accommodations
To make a hotel reservation, please call our Health Resources Department at 312.926.ROOM (7666). We recommend you make your reservations as soon as possible to guarantee accommodations.

Program location
The program will be held at Northwestern Memorial's Feinberg Pavilion, 251 E. Huron St., third floor, Conference Room A, Chicago, IL.

Directions and parking
Please visit our website at nm.org for directions to the conference. We offer discounted parking in the garage just north of the hospital at 222 E. Huron St.

Please bring your parking ticket with you for validation.

Audience
The content of the program is appropriate for healthcare providers who detect, diagnose, manage, and treat seizures and epilepsy.

Registration fee
The fee is $55 for attending physicians, $25 for fellows and $15 for all other healthcare professionals. Breakfast, refreshments and lunch will be provided. Space is limited. Registration is accepted on a first-come, first-served basis.

Registration procedure
Complete the registration form and mail it with your check made payable to Northwestern Memorial HealthCare (CME) to the address listed below, prior to May 11, or fax registration form with credit card information to Sarah Baggs at 312.694.2249 (this is a private line).

For additional information:
Northwestern Memorial HealthCare
675 North St. Clair Street, Galter 3-104
Chicago, IL 60611
PHONE: 312.926.7975
FAX: 312.694.2249
EMAIL: sbaggs@nm.org

Accreditation statement
The Northwestern University Feinberg School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Credit designation statement
The Northwestern University Feinberg School of Medicine designates this educational activity for a maximum of 10.0 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Family attractions
Northwestern Memorial Hospital is located in the heart of Chicago, within walking distance of a variety of restaurants, public transportation and the Magnificent Mile, Chicago's premier shopping area. For a listing of all that Chicago has to offer, visit cityofchicago.org.
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Registration

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Name: _____________________________________________ Title: ____________________________________________

Specialty/Subspecialty: ___________________________________________________________________________________________

☐ MD ($55) ☐ Fellow ($25) ☐ Resident ($15) ☐ NP/RN ($15)

☐ Check ☐ Credit Card

☐ VISA® ☐ MasterCard® ☐ American Express®

Account Number: _____________________________________________ Exp: _______________________

Hospital Affiliation(s): ___________________________________________________________________________________________

Business Address: _______________________________________________________________________________________________

City: __________________________ State: __________________ ZIP: __________________

Email: _______________________________________________________________________________________________________

Please Indicate Any Special Needs: ________________________________________________________________________________

Dietary Preferences: _____________________________________________________________________________________________

Northwestern Memorial HealthCare (CME)
675 North St. Clair Street, Galter 3-104
Chicago, IL 60611

For more information about Northwestern Medicine, please visit nm.org.
For more information about Northwestern’s Comprehensive Epilepsy Center, please visit epilepsy.nm.org.
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May 20–21, 2016
Northwestern Memorial Hospital
Chicago, Illinois

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