Second Annual Advances in Epilepsy and EEG

CME Symposium

May 5 – 6, 2017
Prentice Women’s Hospital at Northwestern Medicine
Chicago, Illinois

Sponsored by Northwestern Medicine
Second Annual 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 update community neurologists and pediatric neurologists, as well as healthcare providers working in epilepsy centers across the Chicagoland area in the advancements in epilepsy diagnosis and treatment. The CME activity focuses on eight areas that have been identified through our needs assessment: new treatment options, new onset epilepsy, treatment of special populations, neonatal EEG and ambulatory EEG, ICU monitoring and treatment, epilepsy surgery and brain mapping, underlying causes of epilepsy and comorbidities of epilepsy. 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 Medicine and invited faculty on May 5-6 for an interactive discussion.

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

• Utilize a systematic approach to patients with new onset seizures and status epilepticus across different age groups

• Evaluate the indications and limitations of various forms of continuous video EEG recordings in specific populations

• Recognize the special needs and comorbidities of patients with epilepsy

• Review the newest advances in the specific causes of epilepsy and potential treatment options

For more information, please contact Sarah Baggs, Continuing Medical Administrator at Northwestern Memorial HealthCare, at 312.926.7975.
## Agenda: Friday, May 5

### Epilepsy and Psychiatry

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>1:30 pm</td>
<td>Registration and Refreshments</td>
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<tr>
<td>2:00 pm</td>
<td>Welcome</td>
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<tr>
<td></td>
<td>Stephan U. Schuele, MD, MPH, and Stephen A. VanHaerents, MD</td>
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<tr>
<td>2:10 pm</td>
<td>Evaluation and Screening for Psychiatric Disorders in Epilepsy</td>
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<tr>
<td></td>
<td>Adriana C. Bermeo-Ovalle, MD</td>
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<tr>
<td>2:45 pm</td>
<td>Treatment of Depression and Anxiety in Epilepsy</td>
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<td></td>
<td>Andres M. Kanner, MD</td>
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<tr>
<td>3:20 pm</td>
<td>Psychogenic Non-Epileptic Seizures in Adults</td>
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<tr>
<td></td>
<td>Erica Sieg, PsyD</td>
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<tr>
<td>3:50 pm</td>
<td>Break</td>
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<tr>
<td>4:00 pm</td>
<td>Psychogenic Non-Epileptic Seizures in Children</td>
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<tr>
<td></td>
<td>John J. Millichap, MD</td>
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<tr>
<td>4:35 pm</td>
<td>Quality of Life, Surgical Outcomes and Psychiatric Comorbidities</td>
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<td></td>
<td>Andres M. Kanner, MD</td>
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<tr>
<td>5:10 pm</td>
<td>Panel Discussion – Q &amp; A</td>
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<tr>
<td>6:00 pm</td>
<td>Adjourn</td>
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## Workshops: Saturday, May 6

### TRACK A: Status Epilepticus Diagnosis

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>8:30 am</td>
<td>Breakfast and Registration</td>
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</tr>
<tr>
<td>9:00 am</td>
<td><strong>ACNS Criteria and Terminology</strong></td>
<td>Elizabeth E. Gerard, MD</td>
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<tr>
<td>9:30 am</td>
<td><strong>Neonatal ICU Monitoring</strong></td>
<td>Tammy Tsuchida, MD, PhD</td>
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<tr>
<td>10:00 am</td>
<td><strong>Pediatric ICU Monitoring</strong></td>
<td>Joshua L. Goldstein, MD</td>
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<tr>
<td>10:30 am</td>
<td><strong>Adult ICU Monitoring</strong></td>
<td>Jay R. Gavvala, MD</td>
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<tr>
<td>11:00 am</td>
<td><strong>Controversial EEG Pattern: Four Cases</strong></td>
<td>Rush University Medical Center, The University of Chicago Medicine, Northwestern Medicine, Loyola Medicine</td>
</tr>
<tr>
<td>12:00 pm</td>
<td>Lunch</td>
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### TRACK A: Status Epilepticus Management

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<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>1:00 pm</td>
<td><strong>Management of Neonatal SE</strong></td>
<td>Tammy Tsuchida, MD, PhD</td>
</tr>
<tr>
<td>1:30 pm</td>
<td><strong>Initial Treatment of SE</strong></td>
<td>Edward M. Manno, MD, MS</td>
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<tr>
<td>2:00 pm</td>
<td><strong>Etiology of NORSE</strong></td>
<td>Thomas P. Bleck, MD</td>
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<td>2:30 pm</td>
<td><strong>Treatment of Autoimmune Status</strong></td>
<td>Mark S. Wainwright, MD, PhD</td>
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<tr>
<td>3:00 pm</td>
<td><strong>Unconventional Treatment: Four Cases</strong></td>
<td>Anna Serafini, MD, Jorge J. Asconapé, Antoaneta J. Balabanov, MD, Stephen A. VanHaerents, MD</td>
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<tr>
<td>4:00 pm</td>
<td>Adjourn</td>
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### TRACK B: Non-invasive Functional Mapping

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<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>8:30 am</td>
<td>Breakfast and Registration</td>
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<tr>
<td>9:00 am</td>
<td><strong>FMRI</strong></td>
<td>Todd B. Parrish, PhD</td>
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<tr>
<td>9:30 am</td>
<td><strong>MEG and PET</strong></td>
<td>Travis R. Stoub, PhD</td>
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<tr>
<td>10:00 am</td>
<td><strong>TMS</strong></td>
<td>Stephen A. VanHaerents, MD</td>
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<tr>
<td>10:30 am</td>
<td><strong>Neuropsychological Outcome Adults</strong></td>
<td>Suzanne Y. Musil, PhD</td>
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<tr>
<td>11:00 am</td>
<td><strong>Neuropsychological Outcome Pediatrics</strong></td>
<td>Frank A. Zelko, PhD</td>
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<tr>
<td>11:30 am</td>
<td><strong>Functional Deficits after Epilepsy Surgery: Two Cases</strong></td>
<td>James Tao, MD, Rebecca M. Garcia Sosa, MD</td>
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<tr>
<td>12:00 pm</td>
<td>Lunch</td>
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### TRACK B: Advances in Genetics of Pediatric Epilepsy

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<tr>
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</thead>
<tbody>
<tr>
<td>1:00 pm</td>
<td><strong>New Epidemiology of Epilepsies in the Genomic Era</strong></td>
<td>Anne T. Berg, PhD</td>
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<tr>
<td>1:30 pm</td>
<td><strong>Genetic Testing in Epilepsy</strong></td>
<td>Gemma L. Carvill, PhD</td>
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<tr>
<td>2:00 pm</td>
<td><strong>Dravet Syndrome</strong></td>
<td>Linda C. Laux, MD</td>
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<tr>
<td>2:30 pm</td>
<td><strong>Epileptic Channelopathies</strong></td>
<td>John J. Millichap, MD</td>
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<tr>
<td>3:00 pm</td>
<td><strong>Three Cases</strong></td>
<td>Lubov F. Romantseva, MD, Chalongchai Phitsanuwong, Rebecca M. Garcia Sosa</td>
</tr>
<tr>
<td>4:00 pm</td>
<td>Adjourn</td>
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Program course directors
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Children’s National Health System

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Professor of Pediatrics (Neurology), Neurology and Pharmacology
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Feinberg School of Medicine

Frank A. Zelko, PhD
Pediatric Psychologist
Ann & Robert H. Lurie Children’s Hospital of Chicago
Associate Professor of Psychiatry and Behavioral Sciences
Northwestern University
Feinberg School of Medicine
Hotel accommodations
To make a hotel reservation, please visit our list of local hotels offering a discounted rate for Northwestern Memorial Hospital visitors: https://www.nm.org/locations/northwestern-memorial-hospital#local-services. We recommend that you make your reservations as soon as possible to ensure accommodations.

Program location
The program will be held at Northwestern Medicine Prentice Women's Hospital, 250 East Superior Street, Third Floor, Conference Room L South, 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 south of the hospital at 222 E. Huron Street. Please bring your parking ticket with you for validation.

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

Registration fee
The fee is $75 for physicians and $35 for trainees, nurses and other healthcare professionals. Breakfast, refreshments and lunch are provided. Space is limited. No refunds will be issued after April 28.

Registration procedure
To register online, please visit www.cme.northwestern.edu/conferences/index.html or complete the registration form and mail it with your check made payable to Northwestern Memorial HealthCare (CME) to the address listed below prior to April 28. You may also fax the registration form with credit card information to Sarah Baggs at 312.694.2249 (this is a private line).

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 9.75 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, visit cityofchicago.org.
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Registration

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Name: ___________________________________________________ Title: ______________________________________________

Specialty/Subspecialty: ________________________________________________________________________________________

☐ MD ($75) ☐ Fellow ($35) ☐ NP/RN ($35) ☐ Other ($35)

☐ 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 St., Galter 3-104
Chicago, IL 60611

For more information about Northwestern Medicine, please visit nm.org.
For more information about the Northwestern Medicine Comprehensive Epilepsy Center, please visit epilepsy.nm.org.
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