Northwestern’s Fourth Annual Advances in Epilepsy and EEG CME Symposium

May 17-18, 2019
Northwestern Medicine
Prentice Women’s Hospital
250 E. Superior Street
Third Floor, Conference Room L South
Chicago, IL 60611

Sponsored by Northwestern Medicine

REGISTER ONLINE: cme.northwestern.edu
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, as well as other healthcare providers working in adult and pediatric epilepsy centers across the Chicagoland area, in the advancements in epilepsy diagnosis and treatment.

The CME activity focuses on areas which have been identified through our needs assessment, including advanced multimodal imaging, epilepsy surgery, an update on medical therapy as well as a safety and mortality aspects affecting patients with 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 and invited faculty for stimulating and interactive discussions on May 17-18.

**PROGRAM OBJECTIVES**

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

1. Recognize the principles of multimodal imaging technologies and the impact for the treatment of surgical epilepsies.
2. Discuss newly approved medications.
3. Review treatment of special populations affected by epilepsy.
4. Examine surgical procedures for intractable epilepsy and their indications.
5. Demonstrate how to counsel patients appropriately on safety and mortality issues.

For more information, please contact Sarah Baggs, Continuing Medical Education Administrator, at Northwestern Memorial HealthCare, at sbaggs@nm.org
Friday, May 17
Multimodality Neuroimaging for Epilepsy Surgery

11:45 am  Registration and Welcome Reception

12:25 pm  Welcome
Stephan U. Schuele, MD, MPH, and Stephen A. VanHaerents, MD

12:30 pm  MRI Imaging for Focal Epilepsy
Ruben Kuzniecky, MD

1:30 pm  High Density EEG
Adriana C. Bermeo-Ovalle, MD

2:00 pm  MEG
Manoj Raghavan, MD, PhD

2:30 pm  High Frequency Oscillation
Karina González Otárola, MD, EEG

3:00 pm  Break

3:30 pm  Ictal SPECT
Marvin A. Rossi, MD, PhD

4:00 pm  MR Spectroscopy
Erhan Ergene, MD

4:30 pm  Advanced Neuroimaging – fMRI, diffusion and beyond
Todd B. Parrish, PhD

5:00 pm  Future of Neuroimaging
Graham R. Huesmann, MD, PhD

5:30 pm  Panel Discussion
All Faculty

6:00 pm  Adjourn
## Saturday, May 18

### TRACK A: MEDICATION UPDATE
**Mediators:** Linda C. Laux, MD, and Rebecca O'Dwyer, MD

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>8:00 am</td>
<td>New Drugs for Adults</td>
<td>Micheál P. Macken, MD, MRCPI</td>
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<tr>
<td>8:30 am</td>
<td>New Drugs for Children</td>
<td>Linda C. Laux, MD</td>
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<tr>
<td>9:00 am</td>
<td>New Drugs in Status</td>
<td>Yara Mikhaeil-Demo, MD</td>
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<tr>
<td>9:30 am</td>
<td>Break</td>
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### SEIZURE TREATMENT IN SPECIAL POPULATIONS

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<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>10:00 am</td>
<td>Women</td>
<td>Elizabeth E. Gerard, MD</td>
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<tr>
<td>10:30 am</td>
<td>The Old and Restless - Challenges in the Treatment of Epilepsy in the Elderly</td>
<td>Rebecca O'Dwyer, MD</td>
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<tr>
<td>11:00 am</td>
<td>Neonates</td>
<td>Tiffani L. McDonough, MD</td>
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<td>11:30 am</td>
<td>Metabolic Disorders</td>
<td>Douglas R. Nordli, Jr, MD</td>
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<tr>
<td>12:00 pm</td>
<td>Lunch</td>
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### TRACK A: SAFETY AND MORTALITY
**Antoaneta J. Balabanov, MD, and Lubov F. Romantseva, MD**

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<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>1:00 pm</td>
<td>Driving</td>
<td>Jessica W. Templer, MD</td>
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<tr>
<td>1:30 pm</td>
<td>School/Sports</td>
<td>Takijah Heard, MD</td>
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<tr>
<td>2:00 pm</td>
<td>Rescue Drugs</td>
<td>Rebecca M. García Sosa, MD</td>
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<td>2:30 pm</td>
<td>Break</td>
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<tr>
<td>2:45 pm</td>
<td>SUDEP</td>
<td>Lubov F. Romantseva, MD</td>
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<tr>
<td>3:15 pm</td>
<td>Devices</td>
<td>Tom Stanton</td>
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<tr>
<td>3:45 pm</td>
<td>Employment</td>
<td>Ayesha Akhtar, MPH</td>
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<tr>
<td>4:15 pm</td>
<td>Q&amp;A and Adjournment</td>
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<tr>
<td>8:00 am</td>
<td><strong>History of Epilepsy Surgery</strong></td>
<td>Anna Serafini, MD</td>
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<td>8:30 am</td>
<td><strong>Selection of Surgical Candidates</strong></td>
<td>Jorge J. Asconapé, MD</td>
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<td>9:00 am</td>
<td>** Neuroanatomy of Epilepsy Surgery**</td>
<td>S. Kathleen Bandt, MD</td>
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<td>9:30 am</td>
<td><strong>Break</strong></td>
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<tr>
<td>10:00 am</td>
<td><strong>Technical Aspects of Invasive EEG Implantation</strong></td>
<td>Joshua M. Rosenow, MD, FAANS, FACS</td>
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<td>10:30 am</td>
<td><strong>Indication and Outcome</strong></td>
<td>Stephan U. Schuele, MD, MPH</td>
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<td>11:00 am</td>
<td><strong>Technical Aspects</strong></td>
<td>Peter C. Warnke MD, Dr. Med., FRCS</td>
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<td>11:30 am</td>
<td><strong>Indication and Outcome</strong></td>
<td>James Tao, MD, PhD</td>
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<td>1:00 pm</td>
<td><strong>Technical Aspects</strong></td>
<td>Tord D. Alden, MD</td>
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<tr>
<td>1:30 pm</td>
<td><strong>Indication and Outcome</strong></td>
<td>Priyamvada Tatachar, MBBS, MD</td>
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<td>2:00 pm</td>
<td><strong>Palliative Surgeries</strong></td>
<td>Michael C. Smith, MD</td>
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<td><strong>Break</strong></td>
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<tr>
<td>2:45 pm</td>
<td><strong>Patient Selection</strong></td>
<td>Dennis Spencer, MD, MA</td>
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<tr>
<td>3:15 pm</td>
<td><strong>Technical Aspects</strong></td>
<td>Jason L. Gerrard, MD, PhD</td>
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<td>3:45 pm</td>
<td><strong>Stimulation Setting and Outcome</strong></td>
<td>Thomas J. Hoeppner, PhD</td>
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<td>4:15 pm</td>
<td><strong>Pharmacoresistant Epilepsy: Epidemiology, Consequences</strong></td>
<td>Anne T. Berg, PhD</td>
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<td>4:45 pm</td>
<td><strong>Q&amp;A and Adjournment</strong></td>
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Program Course Directors

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Carle Neuroscience Institute
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Carle Illinois, and Chicago Colleges of Medicine
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Lenox-Hill Hospital

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Assistant Professor of Neurology
Northwestern University
Feinberg School of Medicine

Takijah Heard, MD
Division Head, Child Neurology and Epilepsy
Department of Neurology
NorthShore University HealthSystem
Assistant Professor
University of Chicago
Pritzker School of Medicine
Program Location
The program will be held at Northwestern Medicine Prentice Women’s Hospital, 250 E. Superior Street, Third Floor, Conference Room L South, Chicago, IL.

Hotel Accommodations
To make a hotel reservation, visit our list of local hotels offering discounted rates for Northwestern Medicine visitors at nm.org. We recommend you make your reservations as soon as possible to ensure accommodations.

Directions and Parking
Please visit 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.

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

Registration Fee
The early bird registration fee is $80 for physicians, $40 for nurses and techs, and $0 for trainees and students. After April 19, the registration fee is $100 for physicians, $60 for nurses and techs, and $20 for trainees and students. Breakfast, refreshments and lunch are provided. Space is limited. No refunds will be issued after May 3.

Registration Procedure
To register online, please visit cme.northwestern.edu. If paying with check, please mail your check, made payable to Northwestern Memorial Hospital (CME), to the following address, prior to May 3.

Sarah Baggs
c/o Northwestern Memorial HealthCare
675 North St. Clair Street, Galter 3-104H
Chicago, IL 60611

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 11.5 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

ASET
The Neurodiagnostic Society has granted ASET Continuing Education Units [ASET-CEUs] for this program. Such crediting, however, should not be construed by program participants as an endorsement of any type of instruments or supplies mentioned or involved in these presentations.

Family Attractions
Northwestern Medicine Prentice Women’s Hospital is located in the heart of Chicago, within walking distance of a variety of restaurants, Navy Pier and the Magnificent Mile, Chicago’s premier shopping area. For a listing of all Chicago has to offer, visit cityofchicago.org.
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Registration Form

Registration Category
- Physician
- Nurse and Tech
- Trainee or Student

How to Register
- ONLINE: cme.northwestern.edu
- OR MAIL with check (payable to Northwestern Memorial Hospital (CME))
  Sarah Baggs
c/o Northwestern Memorial HealthCare
675 North St. Clair Street
Galter 3-104H
Chicago, IL 60611

For Questions:
Email: sbaggs@nm.org
Phone: 312-926-7975

Please Type or Print

Last Name ______________________________________________ First Name ______________________________________________

- Physician  - Trainee  - Nurse  - Tech

Institution _____________________________________________________________________________________________________

Address _______________________________________________________________________________________________________

City _____________________________________________________ State ________________________ ZIP Code _________________

E-mail (Required) _______________________________________________________________________________________________

Your registration confirmation will be e-mailed

Specialty ______________________________________________________________________________________________________

Special Dietary Requirements ___________________________________________________________________________________

Advance notification required

Disability Accommodations _____________________________________________________________

Please advise us of your needs

How did you hear about our program?
- Brochure  - E-mail  - Website  - Word of Mouth  - Previous Attendee

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