



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

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

Course Directors: Stephan U. Schuele, MD, MPH, Stephen A. VanHaerents, MD, and Linda C. Laux, MD

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 Chicago-land 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 <i>Stephan U. Schuele, MD, MPH, and Stephen A. VanHaerents, MD</i>
12:30 pm	MRI Imaging for Focal Epilepsy <i>Ruben Kuzniecky, MD</i>
1:30 pm	High Density EEG <i>Adriana C. Bermeo-Ovalle, MD</i>
2:00 pm	MEG <i>Manoj Raghavan, MD, PhD</i>
2:30 pm	High Frequency Oscillation <i>Karina González Otárula, MD, EEG</i>
3:00 pm	Break
3:30 pm	Ictal SPECT <i>Marvin A. Rossi, MD, PhD</i>
4:00 pm	MR Spectroscopy <i>Erhan Ergene, MD</i>
4:30 pm	Advanced Neuroimaging - fMRI, diffusion and beyond <i>Todd B. Parrish, PhD</i>
5:00 pm	Future of Neuroimaging <i>Graham R. Huesmann, MD, PhD</i>
5:30 pm	Panel Discussion <i>All Faculty</i>
6:00 pm	Adjourn

Saturday, May 18

7:30 am Breakfast

TRACK A

TRACK A: MEDICATION UPDATE

Mediators: *Linda C. Laux, MD, and Rebecca O'Dwyer, MD*

NEW DRUGS

8:00 am	New Drugs for Adults <i>Micheál P. Macken, MD, MRCPI</i>
8:30 am	New Drugs for Children <i>Linda C. Laux, MD</i>
9:00 am	New Drugs in Status <i>Yara Mikhaeil-Demo, MD</i>
9:30 am	Break

SEIZURE TREATMENT IN SPECIAL POPULATIONS

10:00 am	Women <i>Elizabeth E. Gerard, MD</i>
10:30 am	The Old and Restless - Challenges in the Treatment of Epilepsy in the Elderly <i>Rebecca O'Dwyer, MD</i>
11:00 am	Neonates <i>Tiffani L. McDonough, MD</i>
11:30 am	Metabolic Disorders <i>Douglas R. Nordli, Jr., MD</i>
12:00 pm	Lunch

TRACK A: SAFETY AND MORTALITY

Antoaneta J. Balabanov, MD, and Lubov F. Romantseva, MD

1:00 pm	Driving <i>Jessica W. Templer, MD</i>
1:30 pm	School/Sports <i>Takijah Heard, MD</i>
2:00 pm	Rescue Drugs <i>Rebecca M. García Sosa, MD</i>
2:30 pm	Break
2:45 pm	SUDEP <i>Lubov F. Romantseva, MD</i>
3:15 pm	Devices <i>Tom Stanton</i>
3:45 pm	Employment <i>Ayesha Akhtar, MPH</i>
4:15 pm	Q&A and Adjournment

7:30 am Breakfast

TRACK B

TRACK B: EPILEPSY SURGERY I

Mediators: *S. Kathleen Bandt, MD, and Stephan U. Schuele, MD, MPH*

8:00 am **History of Epilepsy Surgery**
Anna Serafini, MD

8:30 am **Selection of Surgical Candidates**
Jorge J. Asconapé, MD

9:00 am **Patient Selection**
Dennis Spencer, MD, MA

9:30 am **Break**

INVASIVE EEG

10:00 am **Technical Aspects**
Jason L. Gerrard, MD, PhD

10:30 am **Stimulation Setting and Outcome**
Thomas J. Hoeppner, PhD

LASER ABLATION

11:00 am **Technical Aspects**
Peter C. Warnke MD, Dr. Med., FRCS

11:30 am **Indication and Outcome**
James Tao, MD, PhD

12:00 pm **Lunch**

TRACK B: EPILEPSY SURGERY II

Mediators: *S. Kathleen Bandt, MD, and Stephan U. Schuele, MD, MPH*

PEDIATRIC EPILEPSY SURGERIES

1:00 pm **Technical Aspects**
Tord D. Alden, MD

1:30 pm **Indication and Outcome**
Priyamvada Tatachar, MBBS, MD

2:00 pm **Palliative Surgeries**
Michael C. Smith, MD

2:30 pm **Break**

NEUROSTIMULATION

2:45 pm **Neuroanatomy of Epilepsy Surgery**
S. Kathleen Bandt, MD

3:15 pm **Technical Aspects of Invasive EEG Implantation**
Joshua M. Rosenow, MD, FAANS, FACS

3:45 pm **Indication and Outcome**
Stephan U. Schuele, MD, MPH

4:15 pm **Pharmacoresistant Epilepsy:
Epidemiology, Consequences and the Impact of Successful Treatment**
Anne T. Berg, PhD

4:45 pm **Q&A and Adjournment**

Program Course Directors

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The University of Chicago



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
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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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Friday & Saturday,
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Registration Form

Registration Category

- ☐ Physician..... Early Bird \$80/After April 19, \$100
☐ Nurse and Tech..... Early Bird \$40/After April 19, \$60
☐ Trainee or Student..... Early Bird \$0 /After April 19, \$20

How to Register

 **ONLINE:** cme.northwestern.edu

 **OR MAIL** with check (*payable to Northwestern Memorial Hospital (CME)*)

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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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