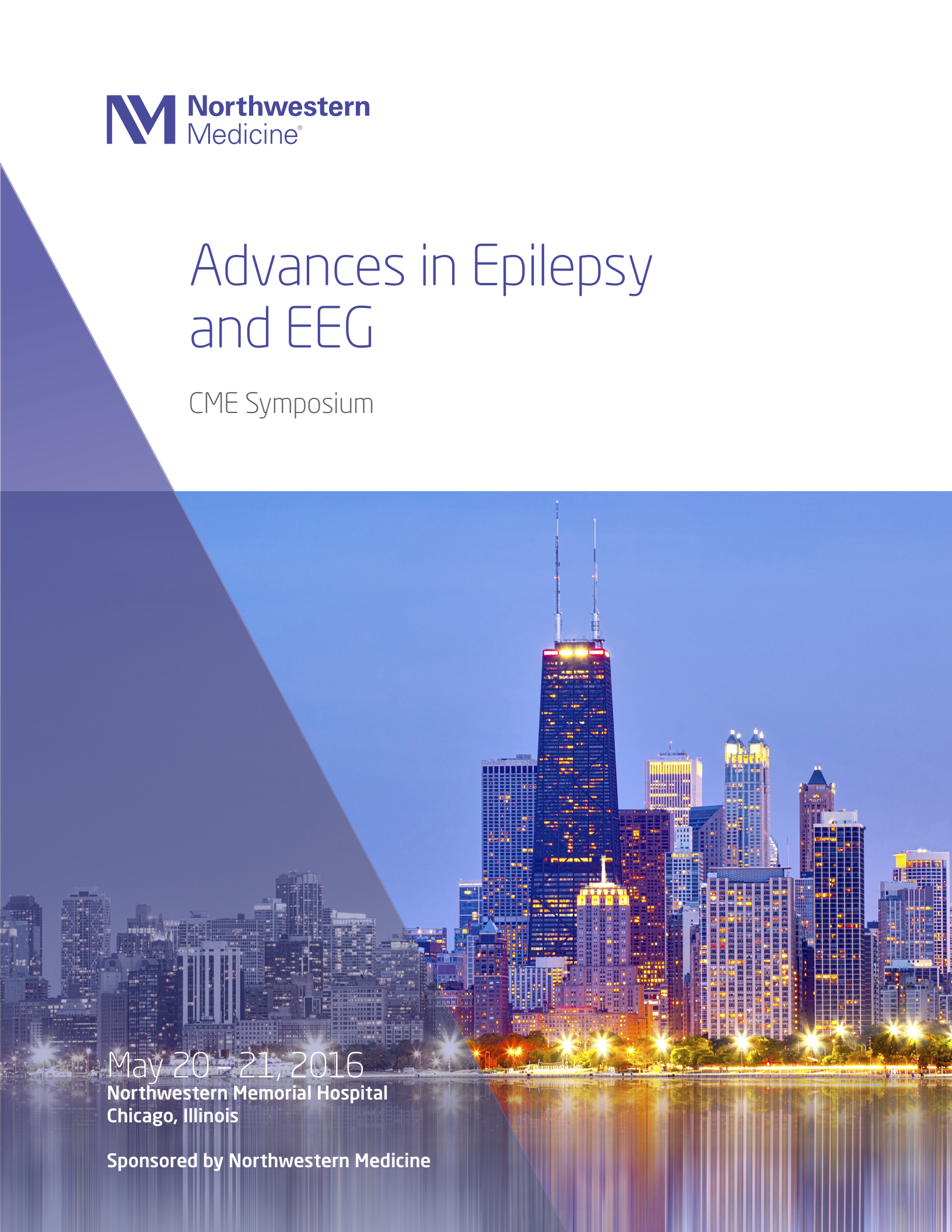


Advances in Epilepsy and EEG

CME Symposium

A photograph of the Chicago skyline at night, featuring the Willis Tower and other skyscrapers illuminated with lights, reflected in the water. A large, dark, diagonal shape is overlaid on the left side of the image.

May 20-21, 2016

Northwestern Memorial Hospital
Chicago, Illinois

Sponsored by Northwestern Medicine

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

1:30 pm **Registration and Refreshments**

2:00 pm **Welcome**

Stephan U. Schuele, MD, MPH, and Stephen A. VanHaerents, MD

2:15 pm **Stimulation Treatment**

Stephen A. VanHaerents, MD

3:15 pm **New AEDs**

Jorge J. Asconapé, MD

4:15 pm **Break**

4:30 pm **Ketogenic Diet**

Antoaneta J. Balabanov, MD

5:30 pm **Panel Discussion - Q&A**

6:00 pm **Adjourn**

Workshops: Saturday, May 21

NEONATAL EEG WORKSHOP		NEW ONSET EPILEPSY WORKSHOP	
8:15 am	Breakfast and Registration	8:15 am	Breakfast and Registration
9:00 am	Introduction to Neonatal EEG Sunila O'Connor, MD	9:00 am	First-Time Seizure Guidelines, Definitions and ILAE Classifications Jay R. Gavvala, MD
10:00 am	EEG in Early Life Epilepsy John J. Millichap, MD	10:00 am	First Line Medications Micheál P. Macken, MD
11:00 am	Neonatal ICU Monitoring Michael Kohrman, MD	11:00 am	Counseling: Driving, Precautions, SUDEP James Tao, MD, PhD
12:00 pm	EEG Background and Prognosis Lubov F. Romantseva, MD	12:00 pm	Advanced Workup: Autoimmune Epilepsy Stephen A. VanHaerents, MD
1:00 pm	Lunch	1:00 pm	Lunch
AMBULATORY EEG		SPECIAL POPULATIONS	
2:00 pm	History and Indication Adriana C. Bermeo-Ovalle, MD	2:00 pm	Epilepsy in the Elderly Michael C. Smith, MD
2:30 pm	Normal EEG and Artifacts Jay R. Gavvala, MD	2:30 pm	Brain Tumors and Epilepsy Jeffrey J. Raizer, MD
3:00 pm	Epileptiform Findings Stephan U. Schuele, MD, MPH	3:00 pm	Women with Epilepsy Elizabeth E. Gerard, MD
3:30 pm	Break	3:30 pm	Break
3:45 pm	Quantitative EEG Elizabeth E. Gerard, MD	3:45 pm	Traumatic Brain Injury and Epilepsy Jeffrey A. Loeb, MD, PhD
4:15 pm	Video Ambulatory EEG Esmeralda Park, MD	4:15 pm	Generalized Epilepsy in Adults Jorge J. Asconapé, MD
4:45 pm	Closing Comments and Adjournment	4:45 pm	Closing Comments and Adjournment

Program course directors

Stephan U. Schuele, MD, MPH

Comprehensive Epilepsy Center
Northwestern Memorial Hospital
Associate Professor of Neurology and Physical Medicine
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Professor of Neurology
Loyola University Chicago Stritch School of Medicine

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The University of Chicago Medicine
Comer Children's Hospital
Professor of Pediatrics and Neurology
The University of Chicago Pritzker School of Medicine

Jeffrey A. Loeb, MD, PhD

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Esmeralda Park, MD

Alexian Brothers Neurosciences Institute

Jeffrey J. Raizer, MD

Northwestern Brain Tumor Institute
Northwestern Memorial Hospital
Professor of Neurology and Hematology/Oncology
Northwestern University Feinberg School of Medicine

Lubov F. Romantseva, MD

Assistant Professor of Pediatric Neurology
Rush University Medical Center

Michael C. Smith, MD

Rush Epilepsy Center
Professor of Neurology
Rush University Medical Center

James Tao, MD, PhD

Director, Electroencephalography (EEG) Laboratory
Associate Professor of Neurology
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.

Advances in Epilepsy and EEG CME Symposium Registration

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Northwestern
Memorial Hospital

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

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: _____

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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