

NORTHWESTERN'S 7TH ANNUAL ADVANCES IN EPILEPSY AND EEG - A HYBRID CME PROGRAM

JUNE 2-3, 2023

WE ARE BACK IN PERSON!
Offering ABPN Self-Assessment CME and ASET

Northwestern Medicine Prentice Women's Hospital
250 E. Superior Street
Third Floor, Conference Room L
Chicago, IL 60611

*Sponsored by Northwestern Medicine and
the Northwestern Medicine Comprehensive Epilepsy Center*

Northwestern's 7th Annual Advances in Epilepsy and EEG - a Hybrid CME Program

COURSE DIRECTORS: Linda C. Laux, MD, Stephan U. Schuele, MD, MPH, and Stephen A. VanHaerents, MD

We are excited to return both in-person and virtually for our annual event. Join Northwestern faculty as they welcome nationally renowned guest speakers to participate in two days of engaging and thoughtful discussion. Epilepsy is a rapidly evolving field. The purpose of this activity is to update community and pediatric neurologists, as well as other healthcare providers working in epilepsy centers across the country, on updates in epilepsy diagnosis and treatment.

Northwestern Medicine is excited to offer ABPN Self-Assessment CME! Lectures will include self-assessment questions with live feedback. Sessions will be followed with live Q&A with our experts and the audience.

PROGRAM OBJECTIVES

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

1. Diagnose the various forms of status epilepticus without delay and offer a systematic approach to evaluation and treatment.
2. Select the adequate method of seizure detection for the individual patient and situation.
3. Utilize seizure prediction models in clinical practice.
4. Manage women with epilepsy before, during and after pregnancy.

Program Course Directors

Linda C. Laux, MD

*Associate Division Head, Neurology
Section Head, Lurie Children's
Epilepsy Center
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Lorna S. and James P. Langdon Chair
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Associate Professor of Pediatrics
(Neurology and Epilepsy)
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Feinberg School of Medicine*

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*Assistant Professor of Neurology
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Feinberg School of Medicine*

Program Faculty

Jorge J. Asconapé, MD

*Director, Comprehensive Epilepsy Center
Professor of Neurology
Stritch School of Medicine
Loyola University Chicago*

Antoaneta J. Balabanov, MD

*Director, Epilepsy Fellowship Program
Associate Professor,
Department of Neurological Sciences
Rush Medical College
Director, Clinic of Dietary Treatments
of Epilepsy
Medical Director
Rush Epilepsy Center*

Thomas P. Bleck, MD, MCCM, FNCS

*Senior Editor, Critical Care Medicine
Founding Past President,
The Neurocritical Care Society
Director, Neurocritical Care Fellowship
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Feinberg School of Medicine
Emeritus Professor of Neurological
Sciences, Neurosurgery, Medicine,
and Anesthesiology
Rush Medical College*

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*Attending Physician,
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Ann & Robert H. Lurie
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Pediatric Epilepsy Fellowship Site Director
Clinical Neurophysiology Fellowship
Site Director
Child Neurology Associate
Program Director
Assistant Professor of Pediatrics
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Elizabeth E. Gerard, MD

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Clinical Neurophysiology
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Northwestern University
Feinberg School of Medicine*

Nicholas M. Gregg, MD

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Mayo Clinic
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Hiba A. Haider, MD, FACNS, FAES

*Director, Critical Care EEG
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UChicago Medicine
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The University of Chicago,
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Naoum Issa, MD, PhD

*Director, Epilepsy Research
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Biological Sciences Division*

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Biswajit Maharathi, PhD

*Research Assistant Professor
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Department of Neurological Sciences
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Rush University Medical Center*

Yara Mikhaeil-Demo, MD

*Assistant Professor of Neurology
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Northwestern University
Feinberg School of Medicine*

Karina Gonzalez Otarula, MD

*Clinical Assistant Professor
University of South Dakota*

Chalongchai (Jake) Phitsanuwong, MD, FAAP, FAES

*Director, Child Neurology
Residency Program
Director, Ketogenic Diet Program
Associate Director,
Epilepsy Fellowship Program
Assistant Professor of Pediatrics
The University of Chicago Medicine*

Sandra Rose, MD

*Assistant Professor of Neurology
The University of Chicago Medicine*

Anna Serafini, MD

*Assistant Professor,
Department of Neurology
and Rehabilitation
University of Illinois at Chicago*

Aaron F. Struck, MD

*Director, University of Wisconsin
Comprehensive Epilepsy Program
and EEG Lab
Director, Clinical
Neurophysiology Fellowship
Director, Epilepsy Fellowship
Assistant Professor of Neurology
University of Wisconsin School of
Medicine and Public Health*

Agenda

Friday, June 2

STATUS EPILEPTICUS

Chairs: Ex officio, Thomas P. Bleck, MD, MCCM, FNCS, Hiba A. Haider, MD, FACNS, FAES, and Linda C. Laux, MD

1:30 pm	Registration and Welcome Reception
2:00 pm	Welcome and Introduction
2:05 pm	Etiology & ICU EEG Nomenclature <i>Hiba A. Haider, MD, FACNS, FAES</i>
2:35 pm	Keynote: ICU EEG Monitoring <i>Aaron F. Struck, MD</i>
3:15 pm	Pharmacologic Treatment <i>Thomas P. Bleck, MD, MCCM, FNCS</i>
3:55 pm	Break
4:15 pm	Immunotherapy <i>Stephen A. VanHaerents, MD</i>
4:35 pm	Ketogenic Diet and Nontraditional Therapies <i>Chalongchai (Jake) Phitsanuwong, MD, FAAP, FAES</i>
4:55 pm	Considerations in Pediatric and Neonatal SE <i>Linda C. Laux, MD</i>
5:25 pm	Case Presentations <i>Fellow Presentation</i>
5:55 pm	Adjournment

Saturday, June 3

SEIZURE PREDICTION TO SEIZURE DETECTION

MORNING

Chairs: Antoaneta J. Balabanov, MD, and Anna Serafini, MD

7:50 am	Breakfast
8:25 am	Session Introduction
8:30 am	Noninvasive Seizure Prediction Models <i>Aaron F. Struck, MD</i>
9:00 am	Invasive Seizure Prediction <i>Nicholas M. Gregg, MD</i>

Saturday, June 3 (Continued)

9:30 am	Seizure Detection Using QEEG for AEEG, VM, Noninvasive and Invasive EMU <i>Karina Gonzalez Otarula, MD</i>
10:00 am	Panel Q&A
10:15 am	Break
10:30 am	Seizure Detection and Artificial Intelligence <i>Biswajit Maharathi, PhD</i>
11:00 am	Seizure Detection Using RNS <i>Naoum Issa, MD, PhD</i>
11:30 am	Patient Devices for Seizure Detection <i>Rebecca García Sosa, MD</i>
12:00 pm	Panel Q&A
12:15 pm	Lunch

WOMEN WITH EPILEPSY

AFTERNOON

Chairs: Jorge J. Asconapé, MD, and Elizabeth E. Gerard, MD

1:05 pm	Welcome
1:10 pm	Catamenial Epilepsy <i>Sandra Rose, MD</i>
1:40 pm	Hormonal Treatments and Epilepsy (Contraception, IVF, Gender-affirming Treatment and HRT) <i>Alexa M. King, MD</i>
2:10 pm	Genetic Testing in Epilepsy - Implications for Patients and Families <i>Elizabeth E. Gerard, MD</i>
2:40 pm	Panel Q&A
2:55 pm	Break
3:15 pm	Anti-Seizure Medications and Teratogenesis (Structural and Cognitive Outcomes) <i>Jorge J. Asconapé, MD</i>
3:45 pm	Planning for Pregnancy: Seizure Control, Therapeutic Drug Monitoring and Folic Acid <i>Anna Serafini, MD</i>
4:15 pm	Postpartum Management and Breastfeeding <i>Maggie L. McNulty, MD</i>
4:45 pm	Panel Q&A
5:00 pm	Adjournment



Program Location

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

Hotel Accommodations

To make a hotel reservation, visit our list of local hotels offering discounted rates for Northwestern Medicine visitors [here](#). We recommend you make your reservations as soon as possible to ensure accommodations.

Audience

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

Registration Fees

In-Person Attendance

Attending physician: \$140

APP, RN or tech: \$60

Trainee, student or Northwestern faculty/employee: \$0

Virtual Attendance

Attending physician: \$100

APP, RN or tech: \$25

Trainee, student or Northwestern faculty/employee: \$0

Registration Procedure

To register online, please visit [here](#). If paying with check, please mail your check, made payable to **Northwestern Memorial Hospital (CME)**, to the following address:

Sarah Praski

C/o Northwestern Memorial HealthCare
541 N. Fairbanks Court, Suite 950-Office 963
Chicago, IL 60611

Cancellations/Refunds

Cancellations must be made in writing to sbaggs@nm.org. The registration fee will be refunded if cancellation is received on or before **May 5**. No refunds will be issued after this date.

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

Self-Assessment CME

The American Board of Psychiatry and Neurology has reviewed *Northwestern Medicine's 7th Annual Advances in Epilepsy and EEG- a Hybrid CME Program* and has approved this activity as part of a comprehensive Self-Assessment activity, which is mandated by the ABMS as a necessary component of Continuing Certification.

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.

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Friday & Saturday,
June 2-3, 2023

Registration Form

How to Register

 **ONLINE:** <https://northwestern.cloud-cme.com/>

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

Sarah Praski
c/o Northwestern Memorial HealthCare
541 N. Fairbanks Court
Suite 950-Office 963
Chicago, IL 60611

For Questions:

Email: sbaggs@nm.org

Phone: 312.926.7975

Please Type or Print

Last Name _____ First Name _____

IN-PERSON

Attending Physician (\$140) APP, RN or tech (\$60) Trainee, student or Northwestern faculty/employee (\$0)

VIRTUAL

Attending Physician (\$100) APP, RN or tech (\$25) Trainee, student or Northwestern faculty/employee (\$0)

Title _____

Specialty _____

Subspecialty _____

Institution _____

Address _____

City _____ State _____ ZIP Code _____

Email (Required) _____

Your registration confirmation will be emailed

Special Dietary Requirements _____

Advance notification required

Disability Accommodations _____

Please advise us of your needs

How did you hear about our program?

Brochure Email Website Word of Mouth Previous Attendee