

Cleveland Clinic Epilepsy Update & Review Course

September 22-24, 2018

InterContinental Hotel & Bank of America Conference Center
9801 Carnegie Ave
Cleveland, Ohio 44106



Photo: J. H. Schaffer

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We are pleased to announce the **Cleveland Clinic Epilepsy Update & Review Course – 2018** to be held September 22-24, 2018, at the InterContinental Hotel located on the main campus of the Cleveland Clinic in Cleveland, Ohio. The course will not only provide state-of-the-art updates on Epilepsy diagnosis, medical and surgical treatment, this activity has been approved for *AMA PRA Category 1 Credits™* as well as the self-assessment activity of the American Board of Psychiatry and Neurology maintenance of certification (MOC) program. The program content is appropriate for practicing Adult and Child Neurologists as well as Epileptologists, trainees/fellows, mid-level providers, and nursing personnel. The course features Cleveland Clinic and invited nationally renowned faculty.

Learning objectives

After completing this activity, the participant will be able to do the following:

- Review the Essential Pathophysiology and Classification of the Epilepsies
- Review the pharmacology and action of antiepileptic drugs (AEDs)
- Describe major epileptic syndromes across the age spectrum
- Discuss epilepsy management in women of childbearing age
- Describe surgical treatment options and procedures for patients with medically refractory epilepsy
- Interpret EEG in the ICU and treatment of status epilepticus

Target audience

The symposium is designed for adult and pediatric neurologists and epileptologists, non-physicians, residents, fellows.

Cleveland Clinic Epilepsy Update & Review Course

Activity Director

Ajay Gupta, MD

Guest Faculty

Anne Berg, PhD

Northwestern Feinberg School of Medicine

Phillip Pearl, MD

Boston Children's Hospital

Elaine Wirrell, MD

Mayo Clinic

Cleveland Clinic Faculty

Andreas Alexopoulos, MD, MPH

Jocelyn Bautista, MD

William Bingaman, MD

Juan Bulacio, MD

Richard Burgess, MD, PhD

Robyn Busch, PhD

Patrick Chauvel, MD

Jessica Fesler, MD

Nancy Foldvary-Schaefer, DO

Jorge Gonzalez-Martinez, MD, PhD

Stephen Hantus, MD

Lara Jehi, MD

Stephen Jones, MD, PhD

Prakash Kotagal, MD

Dennis Lal, PhD

Mykol Larvie, MD

Ahsan Moosa Naduvil, MD

Dileep Nair, MD

Christopher Newey, DO

Elia Pestana-Knight, MD

Andrey Stojic, MD, PhD

Irene Wang, PhD

Elaine Wyllie, MD

General Information

Location

InterContinental Hotel & Bank of America Conference Center

9801 Carnegie Ave

Cleveland, Ohio 44106

Phone: 216.455.1260

Hotel Accommodations

A block of rooms has been reserved at InterContinental Hotel & Conference Center until **August 31, 2018**. To make your reservations, contact the Hotel Reservations Department at 855.765.8709. Please identify yourself as being with the Cleveland Clinic Epilepsy Update course, for the special rate of \$149 plus 16.5% tax.

Parking

Valet Parking available, with in/out privileges at the hotel for a daily fee of \$20.



Cleveland Clinic Epilepsy Update & Review Course

Day 1 - Saturday, September 22, 2018

7:00 AM	Registration/Breakfast/Exhibits	12:05 PM	Genetic Testing in Epilepsy: Test Selection and Interpretation <i>Dennis Lal, PhD</i>
7:45 AM	Welcome and Introductions <i>Ajay Gupta, MD</i>	12:40 PM	Epilepsies and Electroclinical Syndromes: Adolescents and Adults <i>Jessica Fesler, MD</i>
8:00 AM	Defining Epilepsy and Accessing the Magnitude of Its Adverse Impacts: Why Is It Far More Than Seizures Alone? <i>Anne Berg, PhD</i>	1:15 PM	Lunch and Exhibits
8:35 AM	Classification of Generalized and Focal "Seizures" <i>Prakash Kotagal, MD</i>	2:25 PM	AED I: Drug Interactions in Epilepsy Practice and First Generation AEDs <i>Ahsan Moosa Naduvil, MD</i>
9:10 AM	Epilepsies and Electroclinical Syndromes: Neonatal and Infantile <i>Elaine Wirrell, MD</i>	3:00 PM	AED II: Evidence-based Use of AEDs and Ketogenic Diet <i>Elaine Wirrell, MD</i>
9:45 AM	Epilepsies and Electroclinical Syndromes: Childhood <i>Elaine Wyllie, MD</i>	3:35 PM	Break
10:20 AM	Refreshment Break and Exhibits	4:10 PM	AED III: Evidence-based Use of Newer AEDs and Their Interactions <i>Andrey Stojic, MD, PhD</i>
10:55 AM	Distinctive Epilepsies: Neuro-cutaneous Disorders, Hypothalamic Hamartoma <i>Ajay Gupta, MD</i>	4:45 PM	Immune Modulatory Therapies in Epilepsy and Autoimmune Epilepsies <i>Ahsan Moosa Naduvil, MD</i>
11:30 AM	Genetic Epilepsies: Clinical Recognition and Identification <i>Phillip Pearl, MD</i>	5:20 PM	Adjourn

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Day 2 - Sunday, September 23, 2018

7:00 AM **Registration/Breakfast/Exhibits**

8:00 AM **Semiology and Scalp VEEG Findings:
Temporo-Perisylvian Epilepsies**
Patrick Chauvel, MD

8:35 AM **Semiology and Scalp EEG Findings:
Frontal and Parieto-Occipital Epilepsies**
Andreas Alexopoulos, MD, MPH

9:10 AM **Semiology and Scalp VEEG Findings:
Special Characteristics in Infants and
Young Children**
Ajay Gupta, MD

9:45 AM **Localization of Epileptiform Patterns on
Scalp EEG and Role of MEG**
Richard Burgess, MD, PhD

10:20 AM **Refreshment Break and Exhibits**

10:55 AM **MRI in Epilepsy: Structural and
Functional MRI**
Stephen Jones, MD, PhD

11:30 AM **Medical Intractability and Pre-surgical
Evaluation for Epilepsy: Why, When and
How?**
Lara Jehi, MD

12:05 PM **Role of Nuclear Imaging in Pre-surgical
Evaluation of Epilepsy: PET and SPECT**
Mykol Larvie, MD

12:40 PM **Post-processing Imaging Techniques (VBM,
DTI, QPET), and Multimodal Co-registration**
Irene Wang, PhD

1:15 PM **Lunch and Exhibits**

2:25 PM **Surgical Techniques in Lesional Epilepsies**
William Bingaman, MD

3:00 PM **Invasive EEG Evaluation: Indications,
Techniques, and Cortical Stimulation
Paradigms**
Juan Bulacio, MD

3:35 PM **Intraoperative Neurophysiologic Tests:
ECOG, SSEPs and Multi-modal Testing**
Ajay Gupta, MD

4:10 PM **Break and Exhibits**

4:45 PM **Stereo EEG-based Surgical Techniques,
and Disconnective and Laser Ablation
Surgeries**
Jorge Gonzalez-Martinez, MD, PhD

5:20 PM **Neuro-stimulation Devices in Epilepsy**
Dileep Nair, MD

5:55 PM **Adjourn**

6:00 PM **Reception**

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Day 3 - Monday, September 24, 2018

7:00 AM **Registration/Breakfast/Exhibits**

7:30 AM **Psychogenic Non-epileptic Seizures:
Diagnosis and Management**
Jocelyn Bautista, MD

8:05 AM **Psychiatric Comorbidities in Epilepsy
and SUDEP**
Lara Jehi, MD

8:40 AM **Women and Pregnancy Issues in
Epilepsy**
Nancy Foldvary Schaefer, DO

9:15 AM **Neuropsychological Testing in Epilepsy
and Epilepsy Surgery Candidates**
Robyn Busch, PhD

9:50 AM **Refreshment Break and Exhibits**

10:25 AM **EEG Developmental Maturation,
Neonatal Seizures and Neonatal
Encephalopathies**
Elia Pestana-Knight, MD

11:00 AM **ICU EEG: Encephalopathic, Periodic and
Coma Patterns**
Christopher Newey, DO

11:35 AM **Diagnosis and Evidence-based
Management of Status Epilepticus**
Stephen Hantus, MD

12:10 PM **Adjourn**

A five-minute question and answer period is included in each speaker's allotted time.



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Accreditation

The Cleveland Clinic Foundation Center for Continuing Education is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The Cleveland Clinic Foundation Center for Continuing Education designates this live activity for a maximum of 18.5 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Participants claiming CME credit from this activity may submit the credit hours to the American Osteopathic Association for Category 2 credit.

The Ohio Board of Nursing will accept at face value the number of contact hours awarded for an educational activity that has been approved for CE by a nationally accredited system of CE approval. Nurses are able to obtain CE that has been approved or provided by a nationally recognized accreditation system of continuing education.

Examples include:

- The American Nurses Credentialing Center (ANCC)
- The Accreditation Council for Continuing Medical Education (ACCME)
- The International Association for Continuing Education and Training (IACET)

The American Board of Psychiatry and Neurology has reviewed the Cleveland Clinic Epilepsy Update and Review Course and has approved this program as part of a comprehensive CME program, which is mandated by the ABMS as a necessary component of maintenance of certification.

This activity awards up to 20 Self-Assessment Category 1 CME credits.

Faculty Disclosure

The Cleveland Clinic Foundation Center for Continuing Education has implemented a policy to comply with the current Accreditation Council for Continuing Medical Education Standards for Commercial Support requiring resolution of all faculty conflicts of interest. Faculty declaring a relevant commercial interest will be identified in the activity syllabus.

Americans with Disabilities Act

The Cleveland Clinic Foundation Center for Continuing Education fully intends to comply with the legal requirements of the Americans with Disabilities Act. If you need assistance, please notify Shana Spade at 216.444.9380 at least two weeks prior to the activity.

Registration Information



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Register Online! www.ccfcmcme.org/epilepsyupdate18

Fee includes: syllabus, continental breakfasts, refreshment breaks, and lunches.

Physicians	\$650
Residents/Fellows*	\$500
Non-Physicians	\$500

*Letter from Program Director/Chairman must be received in our office prior to the course to receive this fee.

Registrations and Cancellations

Preregistrations are accepted until 2:00 pm ET, September 19, 2018. Register on site after this date. In case of cancellation, email notification is required to process your refund. A full refund will be issued if canceled by September 7, 2018. After September 7, 2018, a \$100 cancellation fee will be deducted from your refund. No refunds will be issued after September 14, 2018.

For questions about registration or cancellation, email us at cmeregistration@ccf.org or call 216.448.8710.

Cleveland Clinic Center for Continuing Education reserves the right to cancel or postpone an activity at our sole discretion. In the unlikely event that this occurs, any registration fee(s) paid will be refunded. Be advised that Cleveland Clinic is not responsible for related costs including airline tickets, hotel costs, or any similar fee penalties incurred as a result of any activity cancellations or changes.