

Cleveland Clinic Epilepsy Update & Review Course

September 23-25, 2017

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 – 2017** to be held September 23-25, 2017, 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. Please share these dates with your team members who may also benefit from this course.

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 the differential diagnosis of epilepsy and related paroxysmal disorders such as syncope, cardiac events and nonepileptic seizures
- Discuss epilepsy management in women of childbearing age
- Describe treatment options for patients with medically refractory epilepsy
- Interpret electroencephalographic information in ambulatory patients, in the Epilepsy Monitoring Unit in ICU and in status epilepticus

Target audience

The symposium is designed for adult and pediatric neurologists and epileptologists.

Cleveland Clinic Epilepsy Update & Review Course

Activity Director

Ajay Gupta, MD
Cleveland Clinic

Guest Faculty

Phillip Pearl, MD
Boston Children's Hospital

Norman So, MD
University of Washington

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

Nancy Foldvary-Schaefer, DO

Jorge Gonzalez-Martinez, MD, PhD

Stephen Hantus, MD

Lara Jehi, MD

Stephen Jones, MD, PhD

Prakash Kotagal, MD

Ahsan Moosa Naduvil, MD

Dileep Nair, MD

Imad Najm, MD

Elia Pestana-Knight, MD

Vineet Punia, MD, MS

Norman So, MD

Irene Wang, PhD

Elaine Wyllie, MD

General Information

Location

InterContinental Hotel & Bank of America Conference Center
10660 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 23, 2017**. 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 \$169 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 23, 2017

EPILEPSY CLASSIFICATION, SYNDROMES AND MEDICAL TREATMENT

7:00 AM	Registration/Breakfast/Exhibits	1:15 PM	Epilepsies and Electroclinical Syndromes: Adolescents and Adults <i>Elia Pestana Knight, MD</i>
8:00 AM	Welcome and Introductions <i>Ajay Gupta, MD</i>	2:00 PM	Electroclinical Findings in Focal Epilepsies: Temporal, Frontal, Parietal, Occipital, and Opercular/Insular Epilepsies <i>Andreas Alexopoulos, MPD, MPH</i>
8:15 AM	Mechanisms and Pathophysiology of Epilepsy from a Clinical Perspective <i>Imad Najm, MD</i>	2:45 PM	AED I: Principles for Selecting, Starting, Mixing, and Stopping Drugs <i>Norman So, MD</i>
9:00 AM	Classification of Generalized and Focal "Seizures" <i>Prakash Kotagal, MD</i>	3:30 PM	AED II: Drug interactions in Epilepsy Practice, and First Generation AEDs <i>Ahsan Moosa Naduvil, MD</i>
9:45 AM	Epilepsies and Electroclinical Syndromes: Neonatal and Infantile <i>Elaine Wirrell, MD</i>	4:15 PM	Break and Exhibits
10:30 AM	Refreshment Break and Exhibits	4:30 PM	AED III: Evidence-based use of AEDs and Ketogenic Diet <i>Elaine Wirrell, MD</i>
10:45 AM	Epilepsies and Electroclinical Syndromes: Childhood <i>Elaine Wyllie, MD</i>	5:15 PM	AED IV: Evidence-based use of AEDs <i>Vineet Punia, MD</i>
11:30 AM	Distinctive Epilepsies: Neuro-cutaneous Disorders, Hypothalamic Hamartoma and Landau-Kleffner Syndrome <i>Ajay Gupta, MD</i>	6:00 PM	Autoimmune Epilepsies and Immune Modulatory Therapies in Epilepsy <i>Ahsan Moosa Naduvil, MD</i>
12:15 PM	Lunch and Exhibits	6:45 PM	Adjourn

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Day 2 - Sunday, September 24, 2017

EPILEPSY DIAGNOSTIC EVALUATION AND SURGICAL TREATMENT

7:00 AM	Registration/Breakfast/Exhibits	2:45 PM	Pre-surgical Evaluation: PET, SPECT, MRI Based Techniques (VBM, DTI, QPET), and Multimodal Co-registration <i>Irene Wang, PhD and Andreas Alexopoulos, MD</i>
8:00 AM	Non Epileptic Paroxysmal Events <i>Jocelyn Bautista, MD</i>		
8:45 AM	Definition and Diagnosis of Epilepsy, Its Comorbidities, and SUDEP <i>Lara Jehi, MD</i>	3:30 PM	Epilepsy Surgery: Lesionectomy, Lobectomy, Multi-lobar and Hemispheric Resection <i>William Bingaman, MD</i>
9:30 AM	Women and Pregnancy Issues in Epilepsy <i>Nancy Foldvary Schaefer, MD</i>	4:15 PM	Break and Exhibits
10:15 AM	Refreshment Break and Exhibits	4:30 PM	Invasive EEG Evaluation: Indications, Techniques, and Cortical Stimulation Paradigms <i>Juan Bulacio, MD</i>
10:30 AM	Physiologic Basis and Localization of Epileptiform Patterns on Scalp EEG and MEG <i>Richard Burgess, MD, PhD</i>	5:15 PM	Intraoperative Neurophysiologic Tests: ECOG, SSEPs and Multi-modal Testing <i>Ajay Gupta, MD</i>
11:15 AM	EEG Maturation and Normal Variants <i>Ajay Gupta, MD</i>	6:00 PM	Epilepsy Surgery: Insular, Peri-sylvian Resections and Disconnective Procedures <i>Jorge Gonzalez-Martinez, MD, PhD</i>
12:00 N	MRI in Epilepsy: Structural and Functional MRI <i>Stephen Jones, MD, PhD</i>	6:45 PM	Adjourn
12:45 PM	Lunch and Exhibits		
2:00 PM	Medical Intractability and Pre-surgical Evaluation for Epilepsy: Why, When and How? <i>Imad Najm, MD</i>		

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Day 3 - Monday, September 25, 2017

GENETIC/METABOLIC EPILEPSIES, COMA, STATUS EPILEPTICUS, AND NEUROSTIMULATION

7:30 AM	Registration/Breakfast/Exhibits	10:15 AM	Refreshment Break and Exhibits
8:00 AM	Genetics and Metabolic Epilepsies <i>Phillip Pearl, MD</i>	10:30 AM	Neuropsychological Testing in Epilepsy and Epilepsy Surgery Candidates <i>Robyn Busch, PhD</i>
8:45 AM	EEG of Encephalopathies and Coma <i>Norman So, MD</i>	11:15 AM	Neuro-stimulation Devices in Epilepsy <i>Dileep Nair, MD</i>
9:30 AM	Evidence-based Management of Status Epilepticus <i>Stephen Hantus, MD</i>	12:00 N	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 to provide continuing medical education for physicians.

The Cleveland Clinic Foundation Center for Continuing Education designates this live activity for a maximum of 22.0 *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.ccfcmc.org/epilepsyupdate17
REGISTER BY AUGUST 15 AND SAVE!

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

	Full Course On or before August 15, 2017	Full Course After August 15, 2017
Physicians	\$550	\$650
Residents/Fellows*	\$450	\$500
Non-Physicians	\$450	\$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 20, 2017. 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 9, 2017. After September 9, 2017, a \$100 cancellation fee will be deducted from your refund. No refunds will be issued after September 15, 2017.

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.