



University of Pittsburgh

School of Medicine
Department of Neurology

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UPMC Center for Continuing Education in the Health Sciences Comprehensive EEG & Epilepsy Course February 13-15, 2020

Required program information:

Comprehensive EEG & Epilepsy Course
February 13-15, 2020
Scaife Conference Center, Room 1102
3550 Terrace Street
Pittsburgh, PA 15213

Program overview:

You are cordially invited to our very first Comprehensive EEG & Epilepsy Course. This course given at the University of Pittsburgh Comprehensive Epilepsy Center is an intensive 2.5-day course designed to introduce core clinical epilepsy and EEG competency, as well as cutting edge pre-surgical evaluation techniques for medically refractory epilepsies. During this course a series of didactic lectures will be given to provide in depth coverage of various topics in epilepsy and EEG (e.g. classification, semiology, mimickers of epilepsy, normal variants, nonepileptic abnormalities, epileptic patterns, comatose EEGs, pharmacologic and surgical epilepsy treatment, etc.)

Learning objectives:

The aim of this course is to improve core clinical epilepsy and EEG competency and to provide updates on cutting edge epilepsy surgical evaluations and treatment.

Target Audience:

This course is intended for residents, fellows, attending physicians and local community physicians in all specialties who are interested in EEG and epilepsy. This course will also provide engaging case-based reviews and discussion of pre-surgical epilepsy evaluations.

Faculty Listing

Joanna Fong-Isariyawongse, MD (Program Director)
Assistant Professor
University of Pittsburgh Medical Center
Department of Neurology
Pittsburgh, Pennsylvania

Rafeed Alkawadri, MD

Associate Professor
University of Pittsburgh Medical Center
Department of Neurology
Pittsburgh, Pennsylvania

Anto Bagić, MD, PhD, FAES, FACNS Division of Epilepsy

Professor
University of Pittsburgh Medical Center
Department of Neurology and Neurosurgery
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Niravkumar Barot, MD

Assistant Professor
University of Pittsburgh Medical Center
Department of Neurology
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James Castellano, MD, PhD

Assistant Professor
University of Pittsburgh Medical Center
Department of Neurology
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Luis Fernandez, MD

Assistant Professor
University of Pittsburgh Children's Hospital
Department of Pediatrics
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Daniel Fishman, MD

Assistant Professor
University of Pittsburgh Medical Center
Department of Psychiatry & Neurology
Pittsburgh, Pennsylvania

Jorge Gonzalez-Martinez, MD, PhD, FAANS

Professor
University of Pittsburgh Medical Center
Department of Neurosurgery
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Joseph Mettenburg, MD, PhD

Diagnostic Radiologist
University of Pittsburgh Medical Center
Department of Radiology-Neuroradiology
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Vijayalakshmi Rajasekaran, MD

Assistant Professor
University of Pittsburgh Medical Center
Department of Neurology
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Mark Scheuer, MD

Neurologist
University of Pittsburgh Medical Center
Department of Neurology
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Alexandra Urban, MD

Associate Professor
University of Pittsburgh Medical Center
Department of Neurology
Pittsburgh, Pennsylvania

Program schedule:

Thursday, February 13, 2020

8:00 - 8:05 am	Introduction to EEG Course <i>Joanna Fong-Isariyawongse, MD</i>
8:05 - 8:45 am	Neurophysiology and Basis of EEG <i>Niravkumar Barot, MD</i>
8:45 - 9:30 am	Normal EEG <i>Joanna Fong-Isariyawongse, MD</i>
9:30 - 10:15 am	Benign EEG Variants and Artifacts <i>Niravkumar Barot, MD</i>
10:15 - 10:30 am	Break
10:30 - 11:15 am	Nonepileptiform EEG Abnormalities <i>Vijayalakshmi Rajasekaran, MD</i>
11:15 am - 12:00 pm	Interictal Epileptiform EEG Patterns <i>Vijayalakshmi Rajasekaran, MD</i>
12:00 - 1:00 pm	Lunch
1:00-1:45 pm	Common Ictal Pattern <i>Niravkumar Barot, MD</i>
1:45 - 2:15 pm	ACNS Standardized ICU EEG Nomenclatures <i>Alexandra Urban, MD</i>
2:15 - 3:00 pm	Quantitative EEG Analysis <i>Mark Scheuer, MD</i>
3:00-3:15 pm	Break
3:15 - 4:00 pm	Brain Death, Post-Anoxic, and Comatose EEG <i>Joanna Fong-Isariyawongse, MD</i>
4:00 - 5:00 pm	EEG Findings in Pediatric Epilepsy <i>Luis Fernandez, MD</i>
5:00 pm	Adjournment

Friday, February 14, 2020

- 8:00 - 8:45 am **Introduction to Epilepsy**
Anto Bagić, MD, PhD, FAES, FACNS
- 8:45 - 9:30 am **Classification of Seizures and Epilepsies**
Joanna Fong-Isariyawongse, MD
- 9:30 - 10:15 am **Semiology, Lateralizing and Localizing Signs of Seizures**
Alexandra Urban, MD
- 10:15 - 10:30 am **Break**
- 10:30 - 11:15 am **Management of Epilepsy – AEDs Part 1**
James Castellano, MD, PhD
- 11:15 am - 12:00 pm **Management of Epilepsy – AEDs Part 2**
James Castellano, MD, PhD
- 12:00 - 1:00 pm **Lunch**
- 1:00 - 1:45 pm **Neuroimaging in Epilepsy Surgical Evaluation**
Joseph Mettenburg, MD, PhD
- 1:45 - 2:30 pm **Mimicker's of Epilepsy and Psychogenic Nonepileptic Seizures**
Anto Bagić, MD, PhD, FAES, FACNS 4:00 pm
- 2:30 - 2:45 pm **Break**
- 2:45 - 3:45 pm **Psychiatry and Epilepsy**
Daniel Fishman, MD
- 3:45 pm **Adjournment**

Saturday, February 15, 2020

- 8:00 - 8:45 am **Intracranial EEG**
Niravkumar Barot, MD
- 8:45 - 9:45 am **Pre-Surgical Evaluation and Treatment Options of Epilepsy**
James Castellano, MD, PhD
- 9:45 - 10:45 am **Human Brain Mapping Based on Electrocorticography**
Rafeed Alkawadri, MD
- 10:45 - 11:00 am **Break**
- 11:00 am-12:15 pm **From PMC to the Operating Room**
Jorge Gonzalez-Martinez, MD, PhD FAANS
- 12:15 pm **Adjournment**

Required Statements:

Continuing Education Credit

In support of improving patient care, the University of Pittsburgh is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME) and the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

The University of Pittsburgh School of Medicine designates this live activity for a maximum of 17.75 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The University of Pittsburgh has been authorized by the American Academy of PAs (AAPA) to award AAPA Category 1 CME credit for activities planned in accordance with AAPA CME Criteria. This activity is designated for 17.75 AAPA Category 1 CME credits. PAs should only claim credit commensurate with the extent of their participation.

This educational activity is approved for accredited 17.5 credits for EEG technologists.

Other health care professionals will receive a certificate of attendance confirming the number of contact hours commensurate with the extent of participation in this activity.

Disclaimer Statement:

The information presented at this CME program represents the views and opinions of the individual presenters, and does not constitute the opinion or endorsement of, or promotion by, the UPMC Center for Continuing Education in the Health Sciences, UPMC / University of Pittsburgh Medical Center or Affiliates and University of Pittsburgh School of Medicine. Reasonable efforts have been taken intending for educational subject matter to be presented in a balanced, unbiased fashion and in compliance with regulatory requirements. However, each program attendee must always use his/her own personal and professional judgment when considering further application of this information, particularly as it may relate to patient diagnostic or treatment decisions including, without limitation, FDA-approved uses and any off-label uses.

Faculty Disclosure:

All individuals in a position to control the content of this education activity including members of the planning committee, speakers, presenters, authors, and/or content reviewers have disclosed all relevant financial relationships with any entity producing, marketing, re-selling, or distributing health care goods or services, used on, or consumed by, patients.

The following relevant financial relationships were disclosed:

Mark Scheuer, MD is a stockholder for Persyst Development Corporation (ESOP retirement program) and is Full-time employee of Persyst Development Corporation (Chief Medical Officer).

No other planners, members of the planning committee, speakers, presenters, authors, content reviewers and/or anyone else in a position to control the content of this education activity have relevant financial relationships to disclose.