

CME ACCREDITATION AND DESIGNATION

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

Physician (CME)

The University of Pittsburgh designates this live activity for a maximum of 20.0 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Nursing (CNE)

The maximum number of hours awarded for this Continuing Nursing Education activity is 20.0 contact hours.

Physician Assistant (AAPA)

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 20.0 AAPA Category 1 CME credits. PAs should only claim credit commensurate with the extent of their participation.

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.

ASET CEUs

ASET – The Neurodiagnostic Society has granted 19.5 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.

Procirca is an ABRET-accredited Intraoperative Neuromonitoring lab.

Participation by all individuals is encouraged. Advance notification of any special needs will help us provide better service. Please notify us of your needs at least two weeks in advance of the program by calling 412-647-3450.

This program is presented by Procirca in conjunction with the University of Pittsburgh Department of Neurology and The Center for Clinical Neurophysiology.

OVERVIEW AND LEARNING OBJECTIVES

Course Dates: Sept. 14-16, 2023

The program is an opportunity for a wide range of professionals to expand their knowledge and acquire and improve competencies for providing care to patients with epilepsy and related conditions. This course is an intensive 2.5-day course designed to introduce core clinical epilepsy and EEG, as well as cutting edge pre-surgical evaluation techniques for drug resistant (DRE) epilepsies. A didactic and interactive format includes workshops at the end of each day to encourage audience participation.

WHO SHOULD ATTEND

Neurologists, neurocritical care specialists, psychiatrists, neurosurgeons, internal medicine and family practice physicians, advance practice providers, technologists, and trainees in these disciplines.



Alexandra Urban, MD, FAAN, FAES
Course Co-Director

Associate Professor of Neurology,
Epilepsy Division

Vice Chair of Clinical Affairs,
Department of Neurology

Director, Epilepsy and Clinical
Neurophysiology Fellowships



Anto Bagic, MD, PhD, FAES, FACNS
Course Co-Director

Professor of Neurology and Chief of
Epilepsy Division

Director, UPMC Epilepsy Monitoring
Unit (EMU)

Director, University of Pittsburgh
Comprehensive Epilepsy Center
(UPCEC)

Director, UPMC MEG Epilepsy Program
Chief Scientific Advisor, MEG Research
Past President, American Clinical MEG
Society (ACMEGS)

Adjunct Professor, Department of
Biomedical Engineering,
Carnegie Mellon University (CMU)



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course website

UPMC
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University of
Pittsburgh

EDUCATION

**Intensive EEG and
Epilepsy Course**

**Course Dates:
Sept. 14-16, 2023**

procirca

THURSDAY, SEPT. 14, 2023

7 – 7:50 a.m.	Breakfast
7:50 – 8 a.m.	Introduction to EEG and Epilepsy Course/ Morning Announcements <i>Alexandra Urban, MD</i>
8 – 8:45 a.m.	Neurophysiology and Basis of EEG <i>James Castellano, MD, PhD</i>
8:45 – 9:30 a.m.	Review of International 10-20 System of Electrode Placement <i>Cheryl Plummer, BS, R EEGT T., NA-CLTM</i>
9:30 – 10:15 a.m.	Normal EEG <i>Anne Van Cott, MD</i>
10:15 – 10:30 a.m.	Break
10:30 – 11:15 a.m.	Benign EEG Variants VS. Interictal Epileptiform Patterns <i>Maria Baldwin, MD</i>
11:15 a.m. – Noon	Common Ictal Pattern <i>Vijayalakshmi Rajasekaran, MD</i>
Noon – 1 p.m.	Lunch
1 – 1:45 p.m.	Quantitative EEG Analysis <i>Mark Scheuer, MD</i>
1:45 – 2:30 p.m.	EEG Findings in Pediatric Epilepsy <i>Ruba Al-Ramadhani, MD</i>
2:30 – 3:15 p.m.	Brain Death, Post-anoxic EEG and Prognostication <i>Jonathan Elmer, MD, MS</i>
3:15 – 3:30 p.m.	Break
3:30 – 4 p.m.	ACNS Standardized ICU EEG Nomenclatures <i>Joanna Fong-Isariyawongse, MD</i>
4 – 5 p.m.	Workshop: Interictal-ictal continuum/ seizures status epilepticus Moderators: <i>Joanna Fong-Isariyawongse, MD</i> <i>Pat Lordeon, R. EEG T., FASET</i>
5 p.m.	Adjournment day 1
5 – 7 p.m.	Meet and greet - Hilton Garden Inn

FRIDAY, SEPT. 15, 2023

7 – 7:50 a.m.	Breakfast
7:50 – 8 a.m.	Introduction to EEG and Epilepsy Course/ Morning Announcements <i>Anto Bagic, MD, PhD</i>
8 – 8:45 a.m.	Introduction to Epilepsy, Classification of Seizures and Epilepsies <i>Anto Bagic, MD, PhD</i>
8:45 – 9:30 a.m.	Optimizing H&P – Pearls in Epilepsy Care <i>Hallie Williams, PA-C</i>
9:30 – 9:45 a.m.	Break
9:45 – 10:45 a.m.	Semiology, Lateralizing and Localizing Signs of Seizures <i>Alexandra Urban, MD</i>
10:45 – 11:30 a.m.	Introduction to Management of Epilepsy and ASM Updates <i>James Castellano, MD, PhD</i>
11:30 a.m. – 12:30 p.m.	Lunch
12:30 – 1:15 p.m.	Treatment of Status Epilepticus <i>Lori Shutter, MD</i>
1:15 – 2 p.m.	Pediatric Syndromes <i>Ruba Al-Ramadhani, MD</i>
2 – 2:15 p.m.	Break
2:15 – 3 p.m.	Pregnancy Considerations on WWE <i>Page Pennell, MD</i>
3 – 4 p.m.	Mimickers of Epilepsy and Functional Neurological Disorder <i>Anto Bagic, MD, PhD</i>
4 – 5 p.m.	Workshop: Epilepsy Treatment in Diverse Populations Presenter: <i>Shobhit Singla, MD, PhD</i> Moderators: <i>Bagic, MD, PhD/Urban, MD</i>
5 p.m.	Adjournment Day 2

SATURDAY, SEPT. 16, 2023

7 – 7:50 a.m.	Breakfast
7:50 – 8 a.m.	Introduction to EEG and Epilepsy Course/ Morning Announcements <i>Anto Bagic, MD, PhD</i>
8 – 8:30 a.m.	Introduction the Concept of Drug Resistant Epilepsy (DRE) <i>Anto Bagic, MD, PhD</i>
8:30 – 9:15 a.m.	Neuroimaging <i>Joseph Mettenburg, MD, PhD</i>
9:15 – 10 a.m.	Pre-Surgical Evaluation, Defining Epileptogenic Zone <i>Patrick Chauvel, MD</i>
10 – 10:30 a.m.	Break - Snacks
10:30 – 11:15 a.m.	From PMC to the Operating Room <i>Jorge Gonzalez-Martinez, MD, PhD</i>
11:15 – 11:45 a.m.	Neurostimulation Part 1: VNS <i>Anto Bagic, MD, PhD</i>
11:45 a.m. – 12:15 p.m.	Neurostimulation Part 2: RNS and DBS <i>Alexandra Urban, MD</i>
12:15 – 1 p.m.	Longitudinal Epilepsy Surgical Outcomes <i>Thandar Aung, MD</i>
1 p.m.	Course Adjournment

COURSE LOCATION

Biomedical Science Tower S120
UPMC Presbyterian Hospital
200 Lothrop Street
Pittsburgh, PA 15213

TUITION

\$350 for physicians (CME credits)
\$250 for non-physicians (CEU or other credits)
\$150 for UPMC employees

This course is offered as a hybrid model, with online (Zoom) and in-person options available. Tuition is the same for both.

All course lectures will be recorded and made available for all attendees to view via Google Drive for one year after the course.

QUESTIONS?

Contact Josh Sunderlin

Course Coordinator

Center for Clinical Neurophysiology

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E-mail: sunderlinj@procirca.com

CANCELLATION POLICY

- Registration fee is 100% refundable up until August 14, 2023.
- Registration fee is 50% refundable up to 15 days prior to the start date of the course.
- If you cancel within 15 days of the start of the course, NO REFUNDS will be granted.

A Block of rooms is reserved at **The Hilton Garden Inn Pittsburgh University Place**

454 Forbes Avenue
Pittsburgh, PA 15213

Phone: 412-683-2040

Distance from campus is 0.3 miles; travel time on foot is five minutes.

Special rate of \$159/Night

Link: shorturl.at/CQTV6