

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 15.0 *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 15.0 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 15.0 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 15.0 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 EEG and 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. 27-28, 2024

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 two day course designed to introduce core clinical epilepsy and EEG, as well as advanced neuroimaging and surgical procedures for drug resistant (DRE) epilepsies. Each section will be followed by interactive panel discussion sessions where attendees can get questions answered.

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

Professor of Neurology,
Epilepsy Division University
of Pittsburgh

Vice Chair of Clinical Affairs,
Department of Neurology



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

Professor of Neurology and Chief
of Epilepsy Division University
of Pittsburgh

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)



Scan the QR code to
visit our course website
[https://procirca.com/intensive-
eeg-and-epilepsy-course/](https://procirca.com/intensive-
eeg-and-epilepsy-course/)

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EDUCATION

**Intensive EEG and
Epilepsy Course**

**Course Dates:
September 27-28, 2024**



FRIDAY SEPT. 27, 2024 (DAY 1)

7—7:50 a.m.	BREAKFAST	11:15—11:30 a.m.	DRIVING IN EPILEPSY <i>Alexus Sieger, PA-C</i>	4—4:15 p.m.	SUCCESS STORIES WHEN RESECTION IS NOT AN OPTION: VNS <i>Anto Bagić, MD, PhD</i>
7:50—8 a.m.	INTRODUCTION/DAY 1 MORNING ANNOUNCEMENTS <i>Alexandra Urban, MD</i>	11:30—11:45 a.m.	QUESTIONS/DISCUSSION <i>Wesley Kerr, MD, PhD; Danielle Carns, PsyD; Alexis Sieger, PA-C</i>	4:15—4:30 p.m.	SUCCESS STORIES WHEN RESECTION IS NOT AN OPTION: DBS <i>Abdulrahman Alwaki, MD</i>
8—8:40 a.m.	INTRODUCTION TO EPILEPSY, CLASSIFICATION OF SEIZURES AND EPILEPSIES <i>Anto Bagić, MD, PhD</i>	11:45—12:35 a.m.	LUNCH BREAK (50 MINUTES)	4:30—4:45 p.m.	SUCCESS STORIES WHEN RESECTION IS NOT AN OPTION: RNS <i>Alexandra Urban, MD</i>
8:40—8:55 a.m.	OPTIMIZING H&P IN EPILEPSY <i>Hallie Williams, PA-C</i>	12:35—1:15 p.m.	INTRODUCTION TO ANTISEIZURE MEDICATIONS <i>James Castellano, MD, PhD</i>	4:45—5 p.m.	QUESTIONS/DISCUSSION <i>Joseph Mettenburg, MD, PhD; Jorge Gonzalez-Matinez MD, PhD; Anto Bagić, MD, PhD; Abdulrahman Alwaki, MD; Alexandra Urban, MD</i>
8:55—9:35 a.m.	SEMIOLOGY, LATERALIZING AND LOCALIZING SIGNS OF SEIZURES <i>Alexandra Urban, MD</i>	1:15—1:35 p.m.	EPILEPSY TREATMENT IN PREGNANCY AND OUTCOMES <i>Denise Li, MD</i>	5 p.m.	ADJOURNMENT DAY 1
9:35—9:50 a.m.	QUESTIONS/DISCUSSION <i>Anto Bagić, MD, PhD; Hallie Williams, PA-C; Alexandra Urban, MD</i>	1:35—2:10 p.m.	INTRACTABLE EPILEPSY <i>Anto Bagić, MD, PhD</i>	5:30—7 p.m.	MEET AND GREET - HILTON GARDEN INN
9:50—10:05 a.m.	BREAK (15 MINUTES)	2:10—2:25 p.m.	QUESTIONS/DISCUSSION <i>Denise Li, MD; James Castellano, MD; Anto Bagić, MD, PhD</i>		
10:05—10:45 a.m.	FUNCTIONAL SEIZURES AND OTHER MIMICKERS OF EPILEPSY <i>Wesley Kerr, MD, PhD</i>	2:25—2:40 p.m.	BREAK (15 MINUTES)		
10:45—11:15 a.m.	INTRODUCTION TO PSYCHOSOCIAL ASPECTS OF EPILEPSY <i>Danielle Carns, PsyD</i>	2:40—3:20 p.m.	NEUROIMAGING <i>Joseph Mettenburg, MD, PhD</i>		
		3:20—4 p.m.	FROM PMC TO OPERATING ROOM <i>Jorge Gonzalez-Matinez, MD, PhD</i>		

SATURDAY SEPT. 28, 2024 (DAY 2)

7—7:50 a.m.	BREAKFAST	10:05—10:25 a.m.	COMMON BENIGN EEG VARIANTS <i>Maria Baldwin, MD</i>	2—2:30 p.m.	QUANTITATIVE EEG ANALYSIS <i>Mark Scheuer, MD</i>
7:50—8 a.m.	DAY 2 MORNING ANNOUNCEMENTS <i>Alexandra Urban, MD</i>	10:25—10:45 a.m.	INTERICTAL EPILEPTIFORM PATTERNS <i>Rahiwa Gebre, MD</i>	2:30—3 p.m.	CRITICAL CARE EEG CASE PRESENTATIONS <i>Pat Lordeon, R. EEG T.</i>
8—8:20 a.m.	ELECTROPHYSIOLOGY OF UNDERPINNINGS OF INTERICTAL EPILEPTIFORM DISCHARGES <i>James Castellano, MD, PhD</i>	10:45—11:15 a.m.	COMMON ICTAL PATTERNS <i>Vijayalakshmi Rajasekaran, MD</i>	3—3:15 p.m.	QUESTIONS/DISCUSSION <i>Mark Scheuer, MD; Joanna Fong-Isariyawongse, MD; Pat Lordeon, R. EEG T.</i>
8:20—8:35 a.m.	INTRO TO INTERNATIONAL 10-20 SYSTEM OF ELECTRODE PLACEMENT <i>Cheryl Plummer, BS, R EEG T., NA-CLTM</i>	11:15—11:30 a.m.	QUESTIONS/DISCUSSION <i>Joseph Ta, MD; Maria Baldwin, MD; Rahiwa Gebre, MD; Vijayalakshmi Rajasekaran, MD</i>	3—3:15 p.m.	QUESTIONS/DISCUSSION <i>Mark Scheuer, MD; Joanna Fong-Isariyawongse, MD; Pat Lordeon, R. EEG T.</i>
8:35—8:50 a.m.	GOOD CLINICAL PRACTICE IN TROUBLESHOOTING EEG <i>Dreux Priore, MHA, R. EEG T., R. NCS T.</i>	11:30—11:45 a.m.	EEG MATURATION <i>Ruba Al-Ramadhani, MD</i>	3:15—3:30 p.m.	BREAK (15 MINUTES)
8:50—9:05 a.m.	EEG RECORDING TO CONFIRM BRAIN DEATH <i>Mick Heim, BS, R. EEG T.</i>	12:45—12:30 p.m.	LUNCH (45 MINUTES)	3:30—4 p.m.	TREATMENT OF STATUS EPILEPTICUS <i>Lori Shutter, MD</i>
9:05—9:20 a.m.	QUESTIONS/DISCUSSION <i>James Castellano, MD, PhD; Cheryl Plummer, BS, R EEG T., NA-CLTM; Dreux Priore, MHA, R. EEG T., R. NCS T.; Mick Heim, BS, R. EEG T.</i>	12:30—1:15 p.m.	ELECTRO-CLINICAL ASPECTS OF SELECTED PEDIATRIC SYNDROMES <i>Ruba Al-Ramadhani, MD</i>	4—4:30 p.m.	NEW ONSET SEIZURE: TO TREAT OR NOT TO TREAT? (CASE EXAMPLES) <i>Rahiwa Gebre, MD</i>
9:20—9:35 a.m.	BREAK (15 MINUTES)	1:15—1:30 p.m.	QUESTIONS/DISCUSSION <i>Ruba Al-Ramadhani, MD</i>	4:30—4:45 p.m.	QUESTIONS/DISCUSSION <i>Lori Shutter, MD; Rahiwa Gebre, MD</i>
9:35—10:05 a.m.	NORMAL EEG <i>Ta, Joseph MD</i>	1:30—2 p.m.	ACNS STANDARDIZED ICU EEG NOMENCLATURES <i>Joanna Fong-Isariyawongse, MD</i>	4:45 p.m.	COURSE ADJOURNMENT

COURSE LOCATION

Biomedical Science Tower S120
UPMC Presbyterian
200 Lothrop St., Pittsburgh, PA 15213

TUITION

\$350 for physicians (CME credits)
\$250 for non-physicians (CEU or other credits)
\$150 for UPMC employees
\$50 for students

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. Continuing Education Credits can only be claimed when participating in the activity while it is happening (via Zoom or in-person). Credits cannot be claimed for reviewing videos of lectures after the course.

QUESTIONS?

Contact Josh Sunderlin
Course Coordinator
Center for Clinical Neurophysiology
Phone: 412-647-3450 E-mail: sunderlinj@procirca.com

CANCELLATION POLICY

- Registration fee is 100% refundable up until 8/27/2024.
- 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.

The Hilton Garden Inn Pittsburgh University Place
3454 Forbes Ave., Pittsburgh, PA 15213
Phone: 412-683-2040

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

The Hilton Garden Inn University Place is offering a discounted rate for attendees of this course. Please visit their website: www.hilton.com/en/hotels/pitucgi-hilton-garden-inn-pittsburgh-university-place/ to select your dates and use the “Special Rates” button. Use code **3287743** in the “Corporate Account” box to apply the changes to see the discounted rate.