



FINAL PROGRAM

Principles of Clinical Neurophysiology Courses

On-Demand January 26 - February 9, 2026



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ABOUT THE AMERICAN CLINICAL NEUROPHYSIOLOGY SOCIETY

ACNS is a professional association dedicated to fostering excellence in clinical neurophysiology and furthering the understanding of central and peripheral nervous system function in health and disease through education, research, and the provision of a forum for discussion and interaction.



Founded in 1946 and originally named the American Electroencephalographic Society (AEEGS), ACNS is the major professional organization in the United States devoted to the establishment and maintenance of standards of professional excellence in clinical neurophysiology in the practice of neurology, neurosurgery and psychiatry. ACNS members utilize neurophysiology techniques in the diagnosis and management of patients with disorders of the nervous system and in research examining the function of the nervous system in health and disease.

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GENERAL INFORMATION

The PCNP Replay is a virtual event designed to deliver basic and intermediate level content for the ACNS flagship courses, ICU EEG, NIOM and Stereo EEG. ACNS's educational activities are directed to clinical neurophysiologists, neurologists, neurosurgeons, trainees in these disciplines, technologists and other physicians and researchers who utilize clinical neurophysiologic techniques and knowledge in the diagnosis and management of patients with disorders of the peripheral and central nervous system. Likewise, the courses can serve as a great refresher for those preparing for board exams.

IMPORTANT DATES

Registration Deadline	February 2, 2026
CME Certificate Site Opens	January 26, 2026
CME Claim Deadline	March 31, 2026

COURSE FORMAT

PCNP Replay will be available January 26 - February 9, 2026, as on-demand enduring material, and a refresher ahead of the 2026 Annual Meeting & Courses.

VIRTUAL PLATFORM

Registered delegates will receive an email on Monday, January 26, 2026 from info@acns.org with access to the virtual platform. Please do not share this email with anyone else as it is unique to you. Attendees may only be logged in via one device at a time, per individual registration. Please add info@acns.org to your "safe senders" list to ensure you don't miss the email. Be sure to check your junk/spam folder if you do not receive the mail by 12pm on January 26.

Please note, the virtual platform is compatible with Google Chrome, Firefox, Safari and Microsoft Edge web browsers. The platform does not support Internet Explorer.

PHOTOGRAPHY AND RECORDING POLICY

Photography, video, or audio recording (including screen capture) of these courses, materials, speaker likenesses or ACNS graphics without written permission from ACNS is strictly prohibited. Please note that photographs and video taken by or on behalf of ACNS shall be property of ACNS.

PRIVACY POLICY

The American Clinical Neurophysiology Society (ACNS) has a strong commitment to privacy. This statement outlines the policies and procedures concerning information gathering and dissemination practices related to www.acns.org, as well as member, meeting attendee, and sponsor/supporter (collectively, "users") data. This policy is in accordance with the European General Data Protection Regulations (GDPR). Please review the full policy [here](#).

CONTINUING MEDICAL EDUCATION (CME) INFORMATION

ABOUT THE PRINCIPLES OF CLINICAL NEUROPHYSIOLOGY

PCNP Replay is designed around the general practice of clinical neurophysiology. Educational activities will cover basic and intermediate methodologies.

TARGET AUDIENCE

The Society's educational activities are directed to clinical neurophysiologists, neurologists, psychiatrists, physiatrists, neurosurgeons, trainees in these disciplines and other physicians and researchers who utilize clinical neurophysiologic techniques and knowledge in the diagnosis and management of patients with disorders of the peripheral and central nervous system.

ACCREDITATION STATEMENT

ACNS is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

CREDIT DESIGNATION

ACNS designates the PCNP Replay Courses for the maximum number of AMA PRA Category 1 Credit(s)[™] indicated below:

Intensive Care Unit EEG Monitoring (ICU EEG)

Part I: 1.50 AMA PRA Category 1 Credits[™]

Part II: 1.50 AMA PRA Category 1 Credits[™]

Part III: 1.50 AMA PRA Category 1 Credits[™]

Part IV: 1.50 AMA PRA Category 1 Credits[™]

Neurophysiologic Intraoperative Monitoring (NIOM)

Part I: 1.50 AMA PRA Category 1 Credits[™]

Part II: 1.50 AMA PRA Category 1 Credits[™]

Part III: 1.50 AMA PRA Category 1 Credits[™]

Part IV: 1.50 AMA PRA Category 1 Credits[™]

Stereo-Electroencephalography (Stereo EEG)

Part I: 1.50 AMA PRA Category 1 Credits[™]

Part II: 1.50 AMA PRA Category 1 Credits[™]

Part III: 1.50 AMA PRA Category 1 Credits[™]

Part IV: 1.50 AMA PRA Category 1 Credits[™]

The number of credits above also constitutes the estimated time to complete each activity.

ASET CEUS

ASET - The Neurodiagnostic Society has granted ASET 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.

The courses have been approved for 18 ASET-CEUs total for the series of recorded webinars. Delegates may only claim CME for each session once, after having watched either live or on-demand.

To claim ASET-CEUs, please email your ASET ID to info@acns.org once you complete the online evaluation form.

LEARNING OBJECTIVES:

Intensive Care Unit EEG Monitoring (ICU EEG) – Parts I, II, III and IV

At the conclusion of this course, participants should be able to:

1. List common indications for CEEG in the ICU setting in neonates, children, and adults;
2. Evaluate the cost-effectiveness of continuous EEG and the variability in practices in resourceful vs resource-limited settings;
3. Apply ACNS terminology to the common ICU EEG findings;
4. Interpret EEG patterns encountered in the ICU, including seizures, periodic and rhythmic patterns, and as well as background features important for prognosis and management;
5. Select appropriately-dosed treatment options for seizures and status epilepticus, and recognize the nuances in approach to treatment based on EEG findings in non-conclusive SE, or with rhythmic/periodic patterns that lie on the ictal interictal continuum;
6. Describe the findings of ICU EEG monitoring specific to the pediatric population and neonates;
7. Utilize quantitative EEG methods to see long-term trends, screen for seizures rapidly, and to detect signs of ischemia; and
8. Describe the value and limitations of EEG monitoring to predict neurologic outcomes in hypoxic-ischemic encephalopathy.

Neurophysiologic Intraoperative Monitoring (NIOM) – Parts I, II, III and IV

At the conclusion of this course, participants should be able to:

1. Describe basic modalities used in NIOM;
2. Recognize the appropriate methods and indications for a variety of common NIOM techniques;
3. Explain a variety of NIOM case presentations and interpretation of neurophysiologic data; and
4. Recognize some of the technical challenges and limitations of performing and interpreting NIOM studies.

Stereo-Encephalography (Stereo EEG) – Parts I, II, III, and IV

At the conclusion of this course, participants should be able to:

1. Distinguish the basic principles and techniques of SEEG;
2. Explain the indications and patient selection criteria for SEEG;
3. Recognize the role of SEEG in the diagnosis and management of epilepsy;
4. Demonstrate proficiency in SEEG electrode implantation techniques and interpretation of SEEG recordings; and
5. Identify the approach to cortical stimulation and functional mapping.

CONTINUING MEDICAL EDUCATION (CME) INFORMATION

CONFLICT OF INTEREST DISCLOSURES

Policy on Financial Disclosure

It is the policy of ACNS to ensure balance, independence, objectivity and scientific rigor in all its individually sponsored or jointly sponsored educational programs. In order to comply with the ACCME's Updated Standards for Commercial Support, ACNS requires that anyone who is in a position to control the content of an educational activity discloses all relevant financial relationships with any ineligible company pertaining to the content of the presentation. Should it be determined that a conflict of interest exists as a result of a financial relationship of a planner of the CME activity, the planner must recuse himself or herself from the planning for that activity or relevant portion of that activity. All presentations for which the presenter disclosed a potential conflict of interest are peer reviewed by two members of the ACNS CME Committee with no relationships. If bias is found, the presenter is asked to make changes to the presentation and it is re-reviewed for bias before final approval. Refusal to disclose a conflict or the inability to mitigate an identified conflict precludes participation in the CME activity.

Complete conflict of interest disclosure information is printed in the final program for the activity. A learner may request additional information regarding the nature of a planner or speaker's disclosure if "No Relevant Relationships" has been indicated below. To request additional information, contact the ACNS Executive office at info@acns.org.

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Behzad Elahi, MD, PhD	Reviewer	No Relationships
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Wei Zhao, MD	Speaker	No Relationships
Andrew Zillgitt, DO, FACNS, FAES	Reviewer	Catalyst Pharmaceuticals (c,d); Jazz Pharmaceuticals(d); SK Life Science (d); UCB Pharma (c,d); Xenon Pharmaceuticals Inc (b,c)

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COURSE AGENDAS - ICU EEG MONITORING

Timestamps are approximate.

ICU EEG - Part I

Course Directors: Zubeda B. Sheikh, MD, MSCTS, FACNS and Shavonne Massey, MD, MSCE, FACNS

- 00:00 Implementing ICU EEG Services with a Focus on Cost-Effectiveness
Nicholas S. Abend, MD, MSCE, FACNS
- 00:25 Clinical Indications for ICU EEG Monitoring Across the Age Spectrum
Cecil D. Hahn, MD, MPH, FACNS
- 00:50 A Global Perspective on Critical Care EEG Monitoring
Andrea Rossetti, MD
- 1:15 Discussion

ICU EEG - Part II

Course Directors: Zubeda B. Sheikh, MD, MSCTS, FACNS and Shavonne Massey, MD, MSCE, FACNS

- 00:00 Introduction to the ACNS Critical Care EEG Terminology
Ji Yeoun Yoo, MD
- 00:25 Case Based Illustrations of Ictal Interictal Continuum
Aaron F. Struck, MD, FACNS
- 00:50 Artifacts in the ICU
Carolina Maciel, MD
- 1:15 Discussion

ICU EEG - Part III

Course Directors: Zubeda B. Sheikh, MD, MSCTS, FACNS and Shavonne Massey, MD, MSCE, FACNS

- 00:00 Prognostic Implications of Seizures and Status Epilepticus in the ICU
Nicolas Gaspard, MD, PhD, FACNS
- 00:25 Case Based Discussion of Seizures and Periodic Patterns in the PICU
Rejean M. Guerriero, DO, FACNS
- 00:50 Hypoxic Ischemic Brain Injury: Prognostication and Seizure Management
Edilberto Amorim, MD
- 1:15 Discussion

ICU EEG Part - IV

Course Directors: Zubeda B. Sheikh, MD, MSCTS, FACNS and Shavonne Massey, MD, MSCE, FACNS

- 00:00 Neonatal ICU EEG Basics
Tayyba Anwar, MD
- 00:25 Neonatal ICU EEG Case Discussion
Tayyba Anwar, MD
- 00:40 Introduction to QEEG
Denise Chen, MD, FACNS
- 1:05 Quantitative EEG Cases
Denise Chen, MD, FACNS
- 1:20 Discussion

COURSE AGENDAS - NIOM

NIOM - Part I

Course Co-Directors: *Matt Hoffman, DO, PhD, FACNS and Mirela V. Simon, MD, MSc, FACNS*

00:00	SEP <i>Gea Drost, MD</i>
00:25	MEP <i>Khalil S. Husari, MD</i>
00:50	EEG <i>Michelle M. Mora, DO, FACNS</i>
1:15 PM	Discussion

NIOM - Part II

Course Co-Directors: *E. Matthew Hoffman, DO, PhD, FACNS and Mirela V. Simon, MD, MSc, FACNS*

00:00	EMG <i>Eric J. Mariuma, MD</i>
00:25	BAER <i>Alan D. Legatt, MD, PhD, FACNS</i>
00:50	Instrumentation <i>Tatsuya Oishi, MD</i>
1:15	Discussion

NIOM - Part III

Course Co-Directors: *E. Matthew Hoffman, DO, PhD, FACNS and Mirela V. Simon, MD, MSc, FACNS*

00:00	Anesthesia for IONM <i>Alex Kiel, MD</i>
00:25	Spinal Cord Monitoring During Vertebral Column Surgery <i>Ankita Tippur, MD</i>
00:50	Spinal Root Monitoring <i>Greg A. Schaublin, MD</i>
1:15 PM	Discussion

NIOM - Part IV

Course Co-Directors *E. Matthew Hoffman, DO, PhD, FACNS and Mirela V. Simon, MD, MSc, FACNS*

00:00	CPA Tumor Monitoring <i>Katherine M. Anetakis, MD</i>
00:25	Cerebrovascular Monitoring <i>Elayna Rubens, MD, FACNS</i>
00:50	Cortical Mapping <i>Mirela V. Simon, MD, MSc, FACNS</i>
1:15	Discussion

COURSE AGENDAS - STEREO EEG

Stereo EEG - Part I

Course Co-Directors: David B. Burkholder, MD and Jaysingh Singh, MD

- 00:00 Building an SEEG Hypothesis
Ghazala Perven, MD
- 00:25 Caveats and Limitations of SEEG
Angela Wabulya, MD
- 00:50 Electrode Placement Techniques
Ian S. Mutchnick, MD, MS
- 1:15 Discussion

Stereo EEG - Part II

Course Co-Directors: David B. Burkholder, MD and Jaysingh Singh, MD

- 00:00 Interictal SEEG: Normal, Artifact, and Epileptiform
Ramya Raghupathi, MD
- 00:25 Case(s) - Interictal SEEG
Julian Gal, MD, MA
- 00:40 Ictal SEEG
Abdulrahman Alwaki, MD, FACNS
- 1:05 Case(s) - Ictal SEEG
Wei Zhao, MD
- 1:20 Discussion

Stereo EEG - Part III

Course Co-Directors: David B. Burkholder, MD and Jaysingh Singh, MD

- 00:00 Pediatric Considerations
Christopher Beatty, MD
- 00:25 Stimulation for Functional Mapping
Agnes Trebuchon, MD, PhD
- 00:50 Stimulation for Seizure Provocation
Dang K. Nguyen, MD, PhD, FRSC
- 1:15 Discussion

Stereo EEG - Part IV

Course Co-Directors: David B. Burkholder, MD and Jaysingh Singh, MD

- 00:00 Making Decisions and Predicting Outcomes with SEEG Data
Thandar Aung, MD, MS
- 00:25 Case(s) - Surgical Decisions
Thandar Aung, MD, MS
- 00:40 SEEG and Device Strategies
Katie L. Bullinger, MD, PhD, FACNS
- 1:05 Case(s) - Devices
Fortino Velasco, MD
- 1:20 Discussion