



# FINAL PROGRAM

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## Principles of Clinical Neurophysiology Courses

**On-Demand February 3 - 17, 2025**



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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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University of Kentucky

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Northwestern University

### AMA Officer

Jaime R. Lopez, MD, FACNS  
Stanford University

## PCNP REPLAY COMMITTEES

### COURSE COMMITTEE

#### Co-Chairs

Ruple S. Laughlin, MD, FACNS  
Lynn Liu, MD, MS (HPE), FACNS

#### Co-Chairs-Elect

Amy Z. Crepeau, MD, FACNS  
Shavonne Massey, MD, MSCE, FACNS

#### Members

Meriem Bensalem-Owen, MD, FACNS  
Katie L. Bullinger, MD, PhD, FACNS  
Maureen P. Carroll, R.EEG/EPT, RPSGT,  
CNIM  
Naiara Garcia-Losarcos, MD  
Elizabeth Gerard, MD, FACNS  
Cecil D. Hahn, MD, MPH, FACNS  
Hiba A. Haider, MD, FACNS, FAES  
Aline Herlopian, MD  
Vasileios Kokkinos, PhD, FACNS  
Leslie Lee, MD, FACNS  
Jonathan A. Norton, PhD, FACNS  
Devon I. Rubin, MD, FACNS  
Iffat Ara Suchita, MD

#### Ex-Officio

Adriana Bermeo-Ovalle, MD, FACNS,  
FAES  
Ann Hyslop, MD, FACNS  
Monica P. Islam, MD, FACNS  
Marcus C. Ng, MD, FRCPC, CSCN,  
FACNS

### CME COMMITTEE

#### Co-Chairs

Ann Hyslop, MD, FACNS  
Monica P. Islam, MD, FACNS

#### Co-Chairs-Elect

Rejean M. Guerriero, DO, FACNS  
Joel M. Oster, MD, FACNS

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Tyson Burghardt, MD  
Hanan M. El Shakankiry, MD, PhD  
Brin Freund, MD  
Elizabeth Gerard, MD, FACNS

Abeer Jawdat Hani, MD, FACNS

Akio Ikeda, MD, PhD, FACNS

Mohammed Ilyas, MD, FACNS

Fawad A. Khan, MD, FACNS

Eliane Kobayashi, MD, PhD

Catherine V. Kulick-Soper, MD

Jong Woo Lee, MD, PhD, FACNS

Xiangping Li, MD

Jennifer McKinney, MD, FACNS

Yara Mikhaeil-Demo, MD, FACNS

Moshe A. Mizrahi, MD, FAAN, FAHA,  
FACNS

Ismail S. Mohamed, MD, FACNS

Iryna Muzyka, MD, FACNS

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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

Event Registration Deadline	February 10, 2025
CME Certificate Site Opens	February 3, 2025
CME Claim Deadline	March 31, 2025

## MEETING FORMAT

PCNP Replay will be offered February 3 – 17, 2025 as a refresher ahead of the ACNS 2025 Annual Meeting & Courses.

## VIRTUAL PLATFORM

Registered delegates will receive an email on Monday, February 3, 2025 from [info@acns.org](mailto:info@acns.org) with access to the virtual platform. Please do not share this email with anyone 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](mailto: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 email by 12pm on February 3.

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](http://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](#).

## MEETING CONDUCT, SAFETY, AND RESPONSIBILITY POLICY

The American Clinical Neurophysiology Society (ACNS) is committed to providing a safe, productive, and welcoming environment for all meeting participants and ACNS/EDI staff. All participants, including, but not limited to, attendees, speakers, volunteers, exhibitors, ACNS/EDI staff, service providers, and others are expected to abide by the ACNS Meeting Safety & Responsibility Policy. This Policy applies to all ACNS meeting-related events, online and in-person, including those sponsored by organizations other than ACNS but held in conjunction with ACNS events, in public or private facilities.

### Unacceptable Behavior

- Harassment, intimidation, or discrimination in any form.
- Physical or verbal abuse of any attendee, speaker, volunteer, exhibitor, ACNS/EDI staff member, service provider, or other meeting guest.
- Examples of unacceptable behavior include, but are not limited to, verbal comments related to gender, sexual orientation, disability, physical appearance, body size, race, religion, national origin, inappropriate use of nudity and/or sexual images in public spaces or in presentations, or threatening or stalking any attendee, speaker, volunteer, exhibitor, ACNS/EDI staff member, service provider, or other meeting guest.
- Disruption of presentations at sessions, in the exhibit hall, or at other events organized by ACNS at the meeting venue, hotels, or other ACNS-contracted facilities.
- ACNS has zero-tolerance for any form of discrimination or harassment, including but not limited to sexual harassment by participants or our staff at our meetings. If you experience harassment or hear of any incidents of unacceptable behavior, ACNS asks that you inform the ACNS President or ACNS Executive Director Megan M. Hille, CMP, CAE ([mhille@acns.org](mailto:mhille@acns.org)) so that appropriate action may be taken.
- ACNS reserves the right to take any action deemed necessary and appropriate, including immediate removal from the meeting without warning or refund, in response to any incident of unacceptable behavior, and ACNS reserves the right to prohibit attendance at any future meeting.

# CONTINUING MEDICAL EDUCATION (CME) INFORMATION

## ABOUT THE PCNP REPLAY

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 for the maximum number of *AMA PRA Category 1 Credit(s)*<sup>™</sup> indicated below:

### Intensive Care Unit EEG Monitoring (ICU EEG)

**Part I:** 1.50 *AMA PRA Category 1 Credits*<sup>™</sup>

**Part II:** 1.50 *AMA PRA Category 1 Credits*<sup>™</sup>

**Part III:** 1.50 *AMA PRA Category 1 Credits*<sup>™</sup>

**Part IV:** 1.50 *AMA PRA Category 1 Credits*<sup>™</sup>

### Neurologic Intraoperative Monitoring (NIOM)

**Part I:** 1.50 *AMA PRA Category 1 Credits*<sup>™</sup>

**Part II:** 1.50 *AMA PRA Category 1 Credits*<sup>™</sup>

**Part III:** 1.50 *AMA PRA Category 1 Credits*<sup>™</sup>

**Part IV:** 1.50 *AMA PRA Category 1 Credits*<sup>™</sup>

### Stereo-Electroencephalography (Stereo EEG)

**Part I:** 1.50 *AMA PRA Category 1 Credits*<sup>™</sup>

**Part II:** 1.50 *AMA PRA Category 1 Credits*<sup>™</sup>

**Part III:** 1.50 *AMA PRA Category 1 Credits*<sup>™</sup>

**Part IV:** 1.50 *AMA PRA Category 1 Credits*<sup>™</sup>

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.

## 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. Recognize 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;
8. Describe the value and limitations of EEG monitoring to predict neurologic outcomes in hypoxic-ischemic encephalopathy; and
9. Integrate the scalp EEG data with additional physiologic data in the ICU to interpret EEG patterns of uncertain significance.

### Neurophysiologic Intraoperative Monitoring (NIOM) – Part 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. Understand 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 DISCLOSURES

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](mailto:info@acns.org).

FULL NAME	ROLE	FINANCIAL RELATIONSHIPS
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Nicholas S. Abend, MD, MSCE, FACNS	Speaker	No Relationships
Pegah Afra, MD, FACNS	Reviewer	Livanova (a); Marinus Pharmaceuticals (a); Stratstim (a); Xenon Pharmaceuticals (a)
Edilberto Amorim, MD	Speaker	No Relationships
Ravindra Arya, MD, DM, FACNS	Speaker, Reviewer	No Relationships
Kapil Arya, MBBS, FAAP, FANA, FACNS	Planner	Genentech ( e); Novartis Pharmaceuticals (e)
Melissa Asmar, MD	Reviewer	No Relationships
Grayson Beecher, MD, FRCPC	Speaker	No Relationships
Meriem Bensalem-Owen, MD, FACNS	Planner	NeuroPace (a); UCB (a); Xenon Pharmaceuticals (a)
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Katie L. Bullinger, MD, PhD, FACNS	Planner, Speaker	No Relationships
Tyon Burghardt, MD	Reviewer	No Relationships
David Burkholder, MD	Planner	Longboard Pharmaceuticals (a)
Maureen P. Carroll, REEG, EPT, RPSGT, CNIM	Planner	No Relationships
Lauren Cazares	Planner	No Relationships
Felix Chang, MD	Speaker	No Relationships
Denise Chen, MD	Speaker	No Relationships
Pitcha Chompoopong, MD	Planner, Speaker	No Relationships
J.P. Clark, PhD, CNIM, DABNM	Speaker	Theranova (b, c)
Amy Crepeau, MD, FACNS	Planner	No Relationships
Frank W. Drislane, MD, FACNS	Planner	Eli Lilly (b, f)
Hanan M. El Shakankiry, MD, PhD	Reviewer	No Relationships
Ronald Emerson, MD, FACNS	Speaker	Amgn (c); Bristol Meyers Squibb (c); Eli Lilly (c); General Electric (c); Ice Neurosystems (c); Johnson & Johnson (c); Neuropace (c); Pfizer (c); Quality Care Products (c); Thermo Fisher (c)
Dominic Fee, MD, FACNS	Reviewer	No Relationships
Isabel Fernandez-Conejero, MD	Speaker	No Relationships
Michael Fong, MBBS	Speaker	No Relationships

a. Grant/Research Support; b. Consultant; c. Stock Shareholder (self-managed); d. Speaker's Bureau; e. Advisory Board or Panel; f. Other Financial or Material Support



## CONTINUING MEDICAL EDUCATION (CME) INFORMATION

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Birgit Frauscher, MD, PhD, FACNS	Speaker	Eisai Canada (a, d, e); Natus Medical Incorporated (d); Paladin Canada (d, e); UNEEG (e)
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Elizabeth E. Gerard, MD, FACNS	Planner, Reviewer	Eisai Inc. (a); Xenon Pharmaceuticals (a, e)
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Rejean Guerriero, DO, FACNS	Reviewer	No Relationships
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AyatallahF. Hussein, MD	Speaker	No Relationships
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Akio Ikeda, MD, PhD, FACNS	Reviewer	DAIICHI SANKYO HEALTHCARE CO., LTD (d) Eisai Pharmaceuticals (d); Eli Lilly (a); NIHON KOHDEN CORPORATION (a); Ricoh Company Ltd. (a); Sumitomo Pharma (d); UCB Japan Co (a)
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Mithri Junna, MD	Planner, Speaker	No Relationships
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Mohamed Kazamel, MD	Speaker	No Relationships
Fawad Khan, MD, FACNS	Reviewer	Eisai (b); Livanova (b); Marinus Pharmaceuticals (b); Marinus Pharmaceuticals (a); Natus Medical Inc. (d); SK Life Science (d); Stratus (d); UCB (b)
Eliane Kobayashi, MD, PhD	Reviewer	Jazz Pharmaceuticals (e); Paladin Laboratories (a, e); UCB Canada (a)
Vasileios Kokkinos, PhD, FACNS	Planner	No Relationships
Catherine V. Kulick-Soper, MD	Reviewer	Epitel (b)
Ruple S. Laughlin, MD, FACNS	Planner	No Relationships
Jong Woo Lee, MD, PhD, FACNS	Reviewer	SK Life Science (a); Soterya, Inc. (e, f)
Leslie Lee, MD, FACNS	Planner	No Relationships

a. Grant/Research Support; b. Consultant; c. Stock Shareholder (self-managed); d. Speaker's Bureau; e. Advisory Board or Panel; f. Other Financial or Material Support

## CONTINUING MEDICAL EDUCATION (CME) INFORMATION

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Jaime López, MD, FACNS	Planner	Intuitive Surgical (b)
Eric J. Mariuma, MD	Speaker	No Relationships
Shavonne Massey, MD, MSCE, FACNS	Speaker	Sun Pharmaceuticals (b)
Stuart McCarter, MD	Speaker	No Relationships
Jennifer L. McKinney, MD, FACNS	Reviewer	No Relationships
Nancy McNamara, MD	Speaker	No Relationships
Yara Mikhaeil Demo, MD, FACNS	Reviewer	No Relationships
Moshe A. Mizrahi, MD, FAAN, FAHA, FACNS	Reviewer	No Relationships
Ismail S. Mohamed, MD, FAES, FACNS	Reviewer	Jazz Pharmaceuticals (a); Marinus Pharmaceuticals (a)
Michelle Mora, DO, FACNS	Speaker	No Relationships
Iryna Muzyka, MD, FACNS	Reviewer	No Relationships
Marcus C. Ng, MD, FRCPC, CSCN (EEG), FACNS	Planner, Reviewer	Eisai Canada (a, d); Paladin Canada (e); UCB Canada (d)
Jonathan A. Norton, PhD, FACNS	Planner	Abbott: Consultant (Ongoing) Abbott: Speaker's Bureau (Ongoing)
Ika Noviaawaty, MD	Reviewer	No Relationships
Tatsuya Oishi, MD	Planner, Speaker	No Relationships
Joel M. Oster, MD, FACNS	Reviewer	No Relationships
Kimberly Pargeon, MD, FACNS, FAES	Reviewer	No Relationships
Jun Park, MD, FACNS	Reviewer	Catalyst (e); Neurelis Pharmaceuticals (d)
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Ramya Raghupathi, MD	Planner	No Relationships
Chrystal M. Reed, MBBS, MD, PhD, FACNS	Reviewer	No Relationships
Andrea O. Rossetti, MD	Speaker	No Relationships
Elayna Rubens, MD, FACNS	Planner	No Relationships
Devon Rubin, MD, FACNS	Planner	No Relationships
Philippe Ryvlin, MD, PhD	Speaker	No Relationships
Maria C. Sam, MD, FACNS	Reviewer	No Relationships
Ashley Santilli, MD	Speaker	No Relationships
Greg A. Schaublin, MD	Speaker	No Relationships
Sarah Schmitt, MD, FACNS	Reviewer	No Relationships
Stephan Schuele, MD, MPH, FACNS	Speaker	Jazz Pharmaceuticals (d, e); Neurelis Pharmaceuticals (d); Life Science (d); UCB Biopharma (e)
Kathleen Seidel, MD, PhD	Speaker	No Relationships
Olga Selioutski, DO, FACNS, FAES, FACN	Planner	No Relationships
Deborah Setter, MD, PhD	Speaker	No Relationships
Zubeda Sheikh, MD, MSCTS, FACNS	Planner	No Relationships
Kamal Shouman, MD	Speaker	No Relationships
Rajdeep Singh, MD, MS, FACNS	Planner	Catalyst (e); Xenon Pharmaceuticals (e)
Saurabh R. Sinha, MD, PhD, FACNS	Speaker	Neumorax (b)

a. Grant/Research Support; b. Consultant; c. Stock Shareholder (self-managed); d. Speaker's Bureau; e. Advisory Board or Panel; f. Other Financial or Material Support



## CONTINUING MEDICAL EDUCATION (CME) INFORMATION

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Aaron Struck, MD, FACNS	Speaker	Ceribell Corporation (b)
Iffat Ara Suchita, MD	Planner	No Relationships
Fahd Sultan, MD, FACNS	Reviewer	No Relationships
Andrea Szelenyi, MD, PhD	Speaker	Arkana Co., Emmendingen, Germany (d) Inomed Co, Germany (e)
Lydia Wolkiewicz, MD	Speaker	No Relationships
Shasha Wu, MD, PhD	Speaker	No Relationships
Courtney J. Wusthoff, MD, MS, FACNS	Planner, Reviewer	Medicare (a)
Sahar F. Zafar, MD, MSc	Speaker	Marinus Pharmaceuticals (d)
Andrew Zillgitt, DO, FAES, FACNS	Reviewer	Catalyst (d, e); Jazz Pharmaceuticals (d); SK Life Science (d); UCB (d, e)

# COURSE AGENDAS - ICU EEG MONITORING

Timestamps are approximate.

## ICU EEG Monitoring – Part I

Course Co-Directors: Frank W. Drislane, MD, FACNS and Zubeda B. Sheikh, MD, MSCTS, FACNS

- 00:00 Patient Selection, Personnel and Equipment  
*Hiba A. Haider, MD, FACNS, FAES*
- 00:25 Is ICU EEG Monitoring Worth the Cost and Resources?  
*Nicholas S. Abend, MD, MSCE, FACNS*
- 00:50 Electrographic Seizures & Status Epilepticus and Outcomes?  
*Nicolas Gaspard, MD, PhD, FACNS*
- 1:15 Discussion

## ICU EEG Monitoring – Part II

Course Co-Directors: Frank W. Drislane, MD, FACNS and Zubeda B. Sheikh, MD, MSCTS, FACNS

- 00:00 Introduction to the ACNS Critical Care EEG Terminology  
*Michael W.K. Fong, BSc, MBBS, FRACP*
- 00:25 Seizure Prediction and the Ictal-Interictal Continuum  
*Aaron F. Struck, MD, FACNS*
- 00:50 Case-Based Approach to Neonatal ICU EEG Monitoring  
*Shavonne Massey, MD, MSCE, FACNS*
- 1:15 Discussion

## ICU EEG Monitoring – Part III

Course Co-Directors: Frank W. Drislane, MD, FACNS and Zubeda B. Sheikh, MD, MSCTS, FACNS

- 00:00 Critical Care EEG in Resource Limited Settings  
*Andrea O. Rossetti, MD*
- 00:25 Seizure Prediction and Targeted EEG Monitoring in the Pediatric ICU  
*France W. Fung, MD, MSc, FACNS*
- 00:50 Hypoxic Ischemic Brain Injury - Seizures and Outcome Prediction  
*Edilberto Amorim, MD*
- 1:15 Discussion

## ICU EEG Monitoring – Part IV

Course Co-Directors: Frank W. Drislane, MD, FACNS and Zubeda B. Sheikh, MD, MSCTS, FACNS

- 00:00 Multimodal Monitoring: Role of EEG and QEEG  
*Sahar F. Zafar, MD*
- 00:25 Medication Associated EEG Changes in the ICU  
*Maria J. Bruzzone Giraldez, MD, FACNS*
- 00:50 Quantitative EEG Basics with Cases  
*Brandon Foreman, MD, MS, FACNS*
- 1:15 Discussion

# COURSE AGENDAS - NIOM

Timestamps are approximate.

## NIOM – Part I

Course Co-Directors: E. Matthew Hoffman, DO, PhD, FACNS and Elayna Rubens, MD, FACNS

- 00:00 Intraoperative SEP  
*Andres A. Gonzalez, MD, MMM, FACNS*
- 00:25 Intraoperative MEP + D Waves  
*J.P. Clark, III, PhD, CNIM, DABNM*
- 00:50 Intraoperative EMG  
*Eric J. Mariuma, MD*
- 1:15 Discussion

## NIOM – Part II

Course Co-Directors: E. Matthew Hoffman, DO, PhD, FACNS and Elayna Rubens, MD, FACNS

- 00:00 BAEP Monitoring  
*Alan D. Legatt, MD, PhD, FACNS*
- 00:25 CN Monitoring: EMG and Corticobulbar MEPs  
*Isabel Fernandez-Conejero, MD*
- 00:50 Posterior Fossa Case  
*Tatsuya Oishi, MD*
- 1:15 Discussion

## NIOM – Part III

Course Co-Directors: E. Matthew Hoffman, DO, PhD, FACNS and Elayna Rubens, MD, FACNS

- 00:00 EEG  
*Michelle Mora, DO*
- 00:25 Anesthesia  
*Ferenc Rabai, MD*
- 00:50 Cerebrovascular Cases  
*Felix Chang, MD*
- 1:15 Discussion

## NIOM – Part IV

Course Co-Directors E. Matthew Hoffman, DO, PhD, FACNS and Elayna Rubens, MD, FACNS

- 00:00 Spine Monitoring  
*Ronald Emerson, MD, FACNS*
- 00:25 Spine Case Discussion  
*Greg A. Schaublin, MD*
- 00:40 Supratentorial Sensory & Motor Mapping  
*Kathleen Seidel, MD, PhD*
- 1:05 Supratentorial Tumor Case  
*Andrea Szelenyi, MD, PhD*
- 1:20 Discussion

# COURSE AGENDAS - STEREO EEG

Timestamps are approximate.

## Stereo EEG – Part I: Pre-Implant Preparation

Course Co-Directors: David B. Burkholder, MD and Ramya Raghupathi, MD

- 00:00 Basic Principles of SEEG Electrode Placement  
*Giridhar P. Kalamangalam, MD, DPhil, FACNS*
- 00:25 Caveats and Limitations of SEEG  
*Philippe Ryvlin, MD, PhD*
- 00:50 Pediatric Considerations  
*Nancy A. McNamara, MD*
- 1:15 Discussion

## Stereo EEG – Part II: Implantation and Monitoring

Course Co-Directors: David B. Burkholder, MD and Ramya Raghupathi, MD

- 00:00 Electrode Placement Techniques  
*Jorge A. Gonzalez-Martinez, MD*
- 00:25 Case(s) - Implantation  
*Jorge A. Gonzalez-Martinez, MD*
- 00:40 Normal, Abnormal and Ictal SEEG Patterns  
*Birgit Frauscher, MD, PhD, FACNS*
- 1:05 Case(s) - Patterns  
*Chifaou Abdallah, MD*
- 1:20 Discussion

## Stereo EEG – Part III: Extraoperative Action and Patient Care

Course Co-Directors: David B. Burkholder, MD and Ramya Raghupathi, MD

- 00:00 Stimulation Mapping - Function  
*Ravindra Arya, MD, DM, FACNS*
- 00:25 Stimulation Mapping - Seizures  
*Saurabh R. Sinha, MD, PhD, FACNS*
- 00:50 Patient Care and Safety in SEEG Monitoring  
*Shasha Wu, MD, PhD*
- 1:15 Discussion

## Stereo EEG – Part IV: Treatment

Course Co-Directors: David B. Burkholder, MD and Ramya Raghupathi, MD

- 00:00 Making Decisions and Predicting Success with SEEG Data  
*Stephan U. Schuele, MD, MPH, FACNS*
- 00:15 Case(s) - Surgical Decisions  
*Lydia Wolkiewicz, MD*
- 00:40 SEEG and Device Strategies  
*Katie L. Bullinger, MD, PhD, FACNS*
- 00:55 Case(s) - Devices  
*Katie L. Bullinger, MD, PhD, FACNS*
- 1:20 Discussion