PROGRAM OVERVIEW

MORNING COURSE:
Saturday, October 14, 2017
(7:30am-9:00am)

Pediatric EEG Update
Course Co-Directors: Cecil D. Hahn, MD, MPH, FACNS & Tobias Loddenkemper, MD, FACNS

AGENDA:
7:30am  Introduction to Neonatal EEG
Cecil D. Hahn, MD, MPH, FACNS
8:00am  Neonatal Epilepsy – Clinical and EEG Features
Tammy Tsuchida, MD, PhD, FACNS
8:30am  Pediatric Epilepsy – Clinical and EEG Features
Tobias Loddenkemper, MD, FACNS
9:00am  Adjourn

TWO-DAY COURSES
Saturday, October 14 & Sunday, October 15 (9:15am – 5:00pm)

Neurophysiologic Intraoperative Monitoring (NIOM)
Course Co-Directors: Gloria Galloway, MD, FACNS & Leslie Lee, MD, FACNS

AGENDA:

Part I- Saturday, October 14, 2017
9:15am  Welcome & Introductions
9:20am  SEP
Aatif M. Husain, MD, FACNS
10:00am  MEP Monitoring
Ronald Emerson, MD, FACNS
10:40am  Coffee Break & Visit Exhibits
10:55am  BAEP Monitoring
Alan Legatt, MD, PhD, FACNS
11:35am  EEG Monitoring
Marc Nuwer, MD, PhD, FACNS
12:15pm  Lunch & Visit Exhibits
1:15pm  EMG & Peripheral Nerve Monitoring
Gloria Galloway, MD, MBA, FACNS
1:55pm  Cranial Nerve Monitoring
Jaime R. López, MD, FACNS
2:35pm  Anesthesia during NIOM
Ronald Emerson, MD, FACNS
3:15pm  Coffee Break & Visit Exhibits
3:30pm  Troubleshooting Issues in NIOM
Jay Shils, PhD, DABNM, FACNS
4:10pm  Billing Issues
Marc Nuwer, MD, PhD, FACNS
4:50pm  Discussion
5:00pm  Adjourn

Part II- Sunday, October 15, 2017
9:15am  Welcome & Introductions
9:20am  NIOM of Vascular Cases
Leslie Lee, MD, FACNS
10:00am  Case Studies in Posterior Fossa Surgeries
Alan Legatt, MD, PhD, FACNS
10:40am  Coffee Break
10:55am  Pelvic Floor Monitoring and Tethered Cord Surgeries
Stanley Skinner, MD, FACNS
11:35am  Monitoring during Movement Disorders Surgery
Jay Shils, PhD, DABNM, FACNS
12:15pm  Lunch
1:15pm  Medicolegal Concerns in NIOM
Stanley Skinner, MD, FACNS
1:55pm  Electrocortiocography
Mirela Simon, MD, FACNS
2:35pm  Language Mapping
Mirela Simon, MD, FACNS
3:15pm  Coffee Break
3:30pm  Complex Spine Surgeries and D Waves
Eva Ritzl, MD, FACNS
4:10pm  Sensory & Motor Spinal Cord Mapping
Eva Ritzl, MD, FACNS
4:50pm  Discussion
5:00pm  Adjourn

For complete program information, to register, and book housing, visit www.acns.org/meetings/fall-courses/2017-fall-courses

Program is tentative; topics and speakers are subject to change.
PROGRAM OVERVIEW

TWO-DAY COURSES
Saturday, October 14 & Sunday, October 15 (9:15am – 5:00pm)

Intensive Care Unit EEG Monitoring (ICU EEG)
Course Co-Directors: Tammy Tsuchida, MD, PhD, FACNS & M. Brandon Westover, MD, PhD, FACNS

AGENDA:

Part I- Saturday, October 14, 2017
9:15am  Introductory Remarks and Overview
Tammy Tsuchida, MD, PhD, FACNS
9:25am  Seizures: Overview of ICU EEG Monitoring- All Ages
Nicholas Abend, MD, FACNS
9:55am  Seizures: Utility of CEEG for Seizure Detection/Management- All Ages
Joshua Goldstein, MD
10:25am   Seizures: Management of Seizures in Adults
Jong Woo Lee, MD, PhD, FACNS
10:55am  Coffee Break & Visit Exhibits
11:10am  Seizures: Management of Refractory & Super-Refractory SE
Frank Drislane, MD, FACNS
11:40am  Seizures: Impact of Treatment on Outcome: Risk-Benefit Calculus
Aatif M. Husain, MD
12:10pm  Lunch & Visit Exhibits
1:10pm  Seizures: Rhythmic & Periodic Patterns: Recognition and Management
Suzette LaRoche, MD, FACNS
1:40pm  Seizures: Practice Recognizing Rhythmic and Periodic Patterns
Suzette LaRoche, MD, FACNS
2:10pm  Seizures: Unusual Types of Status Epilepticus
Frank Drislane, MD, FACNS
2:40pm  Seizures: Management in Neonates and Children
Jessica Carpenter, MD
3:10pm  Coffee Break & Visit Exhibits
3:25pm  HIE: Prognosis in Adults
Peter W. Kaplan, MD, FRCP, FACNS
3:55pm  HIE: Prognosis in Children & Neonates
Tammy Tsuchida, MD, PhD, FACNS
4:25pm  Case Presentations
5:00pm  Adjourn

Part II- Sunday, October 15, 2017
9:15am  QEEG: Overview of Available Tools & Uses
Saurabh R. Sinha, MD, PhD, FACNS
9:45am  QEEG: Theory of Spectrograms
M. Brandon Westover, MD, PhD, FACNS
10:15am  QEEG: Seizure Recognition Tutorial/Case Review
Edilberto Amorim, MD
10:45am  Coffee Break
11:00am  QEEG: Ischemia Detection
M. Brandon Westover, MD, PhD
11:30am  QEEG: Case Presentations
Sahar Zafar, MBBS; Jessica Carpenter, MD
12:00pm  Lunch
1:00pm  EEG in Toxic/Metabolic Encephalopathy (Delirium): Adults
Peter W. Kaplan, MD, FRCP, FACNS
1:30pm  EEG & aEEG in Encephalopathy: Neonatal/Pediatric
Tammy Tsuchida, MD, PhD, FACNS
2:00pm  EEG in ICU Sedation Monitoring
M. Brandon Westover, MD, PhD, FACNS
2:30pm  Coffee Break
2:45pm  Multimodal & Invasive Monitoring
Sahar Zafar, MBBS
3:15pm  Staffing, Personnel, Workflow & Logistics
Cecil D. Hahn, MD, MPH, FACNS
3:45pm  Billing & Coding
Marc R. Nuwer, MD, PhD, FACNS
4:15pm  ICU EEG Guidelines
Suzette LaRoche, MD, FACNS
4:45pm  Discussion
5:00pm  Adjourn

IMPORTANT DATES
Housing Open Now! Registration Open Now!
September 21, 2017: Housing Deadline
September 21, 2017: Advance Registration Deadline
September 26, 2017: Cancellation Deadline
CME Certificate Program Opens (pre-registered delegates): October 15, 2017
CME Certificate Program Opens (delegates registering on-site): November 15, 2017
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.

ABOUT THE FALL COURSES

The 2017 Fall Courses are designed around three of the new and rapidly-evolving areas of clinical neurophysiology, Neurological Intraoperative Monitoring (NIOM), Intensive Care Unit EEG Monitoring (ICU EEG), and new in 2017, the first comprehensive full day course on Stereo-Electroencephalography will be offered. Educational activities will cover both basic methodologies for those practitioners new to NIOM and ICU EEG, and innovative techniques. The SEEG course will include key lectures on concepts and surgical aspects of SEEG recordings and a case based workshop discussing indication, implantation, interpretation and surgical resection planning in various pediatric and adult epilepsy syndromes. Last year’s morning course, Pediatric EEG will again be offered for the 2017 Fall Courses. NEW IN 2017!

FALL COURSES LEARNING OBJECTIVES

Intensive Care Unit EEG Monitoring (ICU EEG)

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. Interpret EEG patterns encountered in the ICU, including seizures, periodic patterns and other background patterns important for prognosis and management;
3. Utilize quantitative EEG methods to see long-term trends, screen for seizures rapidly, and to detect signs of ischemia;
4. Understand the value and limitations of routine EEG and continuous EEG monitoring to predict neurologic outcomes in hypoxic ischemic encephalopathy;
5. Recognize the specific EEG patterns induced by different anesthetics used in general anesthesia and in the ICU;
6. Select appropriate equipment for ICU-EEG monitoring, including networking and data storage options;
7. Determine optimal staffing, data review, and reporting practices

Neurophysiologic Intraoperative Monitoring (NIOM)

At the conclusion of this course, participants should be able to:
1. Recognize the appropriate methods and setting for a variety of NIOM techniques commonly utilized;
2. Recognize the appropriate methods and setting for a variety of NIOM techniques uncommonly utilized;
3. Comprehend NIOM case presentations including interpretation of neurophysiologic data;
4. Recognize some of the technical challenges in performing and interpreting NIOM;
5. Identify updated information on NIOM practices

Stereo EEG

At the conclusion of this course, the participant should be able to:
1. Understand the principles of SEEG;
2. Discuss the approach to various epilepsy syndromes with SEEG;
3. Explain the limitations of SEEG and surgical risk

Pediatric EEG Update

At the conclusion of this course, participants should be able to:
1. Identify EEG patterns associated with inherited metabolic epilepsies;
2. Discuss EEG patterns associated with genetic epilepsies;
3. Describe ictal EEG features of infantile spasms and various forms of hypsarrhythmia

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

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) through the sponsorship of ACNS. ACNS is accredited by the ACCME to provide continuing medical education for physicians.

CREDIT DESIGNATION

ACNS designates the Fall Courses for the maximum number of AMA PRA Category 1 Credit(s)™ indicated below:
Intensive Care Unit EEG Monitoring (ICU EEG)- Pt. I: 6 AMA PRA Category 1 Credits™
Intensive Care Unit EEG Monitoring (ICU EEG)- Pt. II: 6 AMA PRA Category 1 Credits™
Neurologic Intraoperative Monitoring (NIOM)- Pt. I: 6 AMA PRA Category 1 Credits™
Neurologic Intraoperative Monitoring (NIOM)- Pt. II: 6 AMA PRA Category 1 Credits™
Stereo-Electroencephalography (Stereo EEG): 8 AMA PRA Category 1 Credits™
Pediatric EEG Update: 1.5 AMA PRA Category 1 Credits™

IMPORTANT DATES

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HOUSING

The ACNS 2017 Fall Courses will be held at the DoubleTree by Hilton-Magnificent Mile
300 E Ohio Street, Chicago, IL 60611
ACNS Group Rate: $239/night; single/double occupancy
Housing Deadline: September 21, 2017 at 5:00 pm Central Time
**The ACNS has reserved a block of rooms that will be available until this date OR until all have been booked at the group rate, whichever comes first. We recommend booking your hotel as soon as your travel plans have been confirmed. Reservations will be accepted on a space-available basis after the housing deadline of September 21, 2017 at 5:00 pm CT

For complete program information, to register, and book housing, visit www.acns.org/meetings/fall-courses/2017-fall-courses.