



The 2025-26 Emergency Medicine and Acute Care Update

Program Description



Designed for emergency physicians, urgent care providers, and frontline clinicians, this course features world-class faculty delivering practical lectures on the most important topics in acute care. Presented 4 hours per day, over 5 days, *The Emergency Medicine and Acute Care Update* offers 20 hours of accredited content, weekly at over 50 premier travel locations.

DAY 1

- Lecture 1:** **Emily Rose, MD, FAAP, FAAEM, FACEP presents**
Pediatric Rashes You Can't Miss: Diagnosis, Management, and Pitfalls
From eczema and viral exanthems to scabies, Kawasaki disease, and Stevens-Johnson syndrome, rashes in children can reflect a wide range of underlying conditions—some benign, others emergent. In this lecture, Emily Rose, MD, FAAP, FAAEM, FACEP—Associate Professor of Clinical Emergency Medicine at the Keck School of Medicine of the University of Southern California—guides clinicians through the recognition and management of pediatric rashes with diagnostic and therapeutic relevance. The talk emphasizes high-risk diagnoses not to miss, rash presentations in darker skin tones, and pearls for accurate clinical assessment. Topics include eczema herpeticum, varicella, measles, HSP, impetigo, scarlet fever, SJS/TEN, and more. Practical, image-rich, and grounded in current evidence, this lecture prepares providers to confidently assess and treat dermatologic conditions in pediatric patients.
- Lecture 2:** **Jonathan A. Edlow, MD presents**
Acute Atraumatic Neck and Back Pain
Dr. Jonathan Edlow, Professor of Emergency Medicine at Harvard Medical School, delivers a high-yield lecture on evaluating non-traumatic back pain, with a focus on identifying life- or function-threatening conditions. Participants will learn how to recognize red flags, stratify risk, and apply evidence-informed diagnostic strategies to avoid delays in diagnosing cord or cauda equina syndromes.
- Lecture 3:** **Robert Tubbs, MD presents**
My Stomach Hurts: Unlocking the Black Box of Abdominal Imaging
This fast-paced and practical talk delivers essential strategies for interpreting abdominal CTs in emergent settings. Robert Tubbs, MD, an experienced educator known for his engaging, case-based teaching style walks through high-stakes diagnoses such as mesenteric ischemia, AAA rupture, closed loop obstruction, and more. With an emphasis on clinical pearls and real-life cases, this session equips clinicians with tools to identify when "the minutes count."

Lecture 4: Michael W. Donnino, MD presents

Diagnosis and Management of Sepsis and Septic Shock

Michael W. Donnino, MD, Professor of Emergency Medicine at Harvard Medical School and practicing critical care physician at Beth Israel Deaconess Medical Center, presents a focused lecture on the diagnosis and management of sepsis and septic shock. Topics include pitfalls in diagnosis, limitations of temperature and white blood cell count, the role of lactate and perfusion assessments, sepsis definitions and scoring systems, fluid resuscitation strategies, vasopressor choices, and adjunctive therapies such as steroids. Clinical cases are used to highlight common errors and reinforce practical strategies for timely recognition and management in the emergency and critical care settings.

DAY 2

Lecture 1: Emily Rose, MD, FAAP, FAAEM, FACEP presents

Critical Concepts in Pediatric Trauma: Imaging, Intervention, and Risk Reduction

Pediatric trauma presents unique diagnostic and management challenges that demand a tailored approach. This lecture offers an in-depth review of high-yield principles in pediatric trauma, with a focus on common pitfalls, appropriate imaging, and injury-specific care strategies. Emily Rose, MD, FAAP, FAAEM, FACEP—Associate Professor of Clinical Emergency Medicine at the Keck School of Medicine of the University of Southern California—discusses the application of clinical decision rules for head and abdominal trauma, cervical spine clearance protocols, and age-appropriate resuscitation techniques. Key content includes pain control, airway management, identification of red flags in neck and thoracic trauma, and the use of TXA in children.

Lecture 2: Jonathan A. Edlow, MD presents

Atypical Presentations of Acute Stroke: Recognizing Chameleons and Mimics

Jonathan A. Edlow, MD, Professor of Emergency Medicine at Harvard Medical School and an authority on neuroemergency care, reviews the diagnostic pitfalls of atypical stroke presentations. This high-impact lecture explores stroke mimics, chameleons, and underrecognized syndromes—from transient global amnesia to cortical hand and leg syndromes—offering clinicians a roadmap to better recognize ischemic strokes in patients with subtle or misleading symptoms. Attendees will learn evidence-based strategies to improve clinical reasoning and avoid missing time-sensitive diagnoses.

Lecture 3: Robert Tubbs, MD presents

Beyond ACS: Recognizing Other Life-Threatening Causes of Chest Pain

Robert Tubbs, MD, emergency physician and widely respected educator, guides learners through the diagnostic approach to life-threatening causes of chest pain beyond acute coronary syndrome. This lecture emphasizes clinical and radiologic strategies to detect conditions such as aortic dissection, pulmonary embolism, tension pneumothorax, esophageal rupture, and pericardial tamponade, using case-based examples and evidence-based decision tools.

Lecture 4: Brian Fuehrlein, MD, PhD presents

Recognizing and Managing Alcohol Withdrawal

Withdrawal from alcohol can be unpredictable and dangerous, requiring clinicians to act swiftly using both clinical judgment and standardized tools. In this lecture, Brian Fuehrlein, MD, PhD, Associate Professor of Psychiatry at Yale University and Director of the Psychiatric Emergency Room at VA Connecticut, discusses the pathophysiology, time course, and red flags for severe alcohol withdrawal. He reviews use of the Prediction of Alcohol Withdrawal Severity Scale (PAWSS), compares it with CIWA, and emphasizes the importance of anticipatory care—even in asymptomatic but high-risk patients.

DAY 3

- Lecture 1:** **Emily Rose, MD, FAAP, FAAEM, FACEP presents**
Pediatric Fever in the Emergency Department
Emily Rose, MD, FAAP, FAAEM, FACEP, is an Associate Professor of Clinical Emergency Medicine at the Keck School of Medicine of the University of Southern California and Director of Pre-Health Undergraduate Studies. In this lecture, she presents an evidence-based update on the evaluation and management of pediatric fever in the emergency department. Topics include risk stratification by age, interpretation of inflammatory markers, current AAP guidelines for febrile infants 8 to 60 days old, HSV considerations in neonates, and the approach to urinary tract infections and pneumonia. Emphasis is placed on distinguishing self-limited viral illness from serious bacterial infections, applying clinical decision tools, and tailoring management based on the latest research and practice standards.
- Lecture 2:** **Jonathan A. Edlow, MD presents**
Unusual Causes of Acute Generalized Weakness: Recognizing Neurologic Emergencies
Dr. Jonathan A. Edlow, Professor of Emergency Medicine at Harvard Medical School and expert in neuroemergency care, presents an in-depth exploration of uncommon but dangerous causes of acute generalized weakness. The lecture covers critical diagnoses such as Guillain-Barré, myasthenia gravis, Lambert-Eaton syndrome, tick paralysis, hypokalemic paralysis, and botulism, with practical strategies for bedside diagnosis, risk stratification, and airway management. Participants will gain clarity on when to suspect rare neurologic disorders and how to manage them in high-pressure emergency settings.
- Lecture 3:** **Michael W. Donnino, MD presents**
Challenging Cases in Critical Care
Managing critically ill patients requires rapid recognition of life-threatening problems and decisive intervention under pressure. This lecture uses real-world cases to highlight strategies for approaching undifferentiated shock, ventilator complications, atrial fibrillation with instability, severe acidosis, and complex postoperative crises. Emphasis is placed on maintaining a broad differential, avoiding diagnostic tunnel vision, and applying evidence-based principles in time-sensitive environments. Internationally respected educator Michael Donnino, MD, shares practical frameworks to strengthen clinical reasoning and improve outcomes in the ICU and emergency department.
- Lecture 4:** **Robert Tubbs, MD presents**
Sticks and Stones May Break My Bones: the Emergency Physician's Guide to Avoiding Ortho Pitfalls
This practical and fast-paced lecture highlights orthopedic injuries that are commonly missed or misinterpreted in the emergency department. With real-world examples attendees are guided through common diagnostic pitfalls in cases like scaphoid fractures, Lisfranc injuries, and femoral neck fractures. Robert Tubbs, MD, an experienced emergency medicine physician and educator, delivers a systematic approach to radiograph interpretation while emphasizing key red flags that warrant further evaluation or consultation.

DAY 4

- Lecture 1:** **Emily Rose, MD, FAAP, FAAEM, FACEP presents**
Pediatric Cardiac Emergencies: Recognizing the Subtle and Saving Lives
Cardiac conditions in children are often overlooked until they become critical—early recognition can be lifesaving. In this important lecture, Emily Rose, MD, FAAP, FAAEM, FACEP—Associate Professor of Clinical Emergency Medicine at the Keck School of Medicine of the University of Southern California—equips clinicians with tools to identify and respond to pediatric cardiac emergencies. Topics include the recognition and management of ductal-dependent congenital heart disease, pediatric heart failure, chest pain, myocarditis, life-threatening syncope, and arrhythmias such as SVT and long QT syndrome. Emphasis is placed on diagnostic red flags, interpretation of pediatric ECGs, and immediate interventions that can alter the trajectory of a child in crisis.
- Lecture 2:** **Kevin Klauer, DO, EJD presents**
Medical Documentation and Liability: Avoiding Common Pitfalls
Documentation errors are among the most common sources of medical-legal vulnerability, even when clinical care is appropriate. This lecture highlights real malpractice cases and provides practical strategies for improving documentation practices. Topics include informed consent, discharge instructions, charting discrepancies, documentation during transitions of care, spoliation, scribe usage, and the implications of the 21st Century Cures Act. Emphasis is placed on avoiding language that can harm providers in court and recognizing how patient access to electronic records increases liability risks. Kevin Klauer, DO, EJD, Assistant Clinical Professor at Michigan State University College of Osteopathic Medicine and Ohio University Heritage College of Osteopathic Medicine, draws on years of expertise to outline practical steps clinicians can take to safeguard themselves while ensuring accurate, defensible documentation.
- Lecture 3:** **Jonathan A. Edlow, MD presents**
Diagnosing Acute Dizziness in the Emergency Department
Jonathan A. Edlow, MD, a Professor of Emergency Medicine at Harvard Medical School and faculty at Beth Israel Deaconess Medical Center, is internationally recognized for his expertise in neuroemergency care. In this lecture, Dr. Edlow outlines a new framework for approaching dizzy patients in the emergency department, emphasizing bedside diagnosis over unnecessary imaging. Participants will gain tools to recognize high-risk features, avoid diagnostic pitfalls, and apply clinical reasoning to one of emergency medicine's most perplexing complaints.
- Lecture 4:** **Jonathan A. Edlow, MD presents**
Benign Paroxysmal Positional Vertigo (BPPV): Diagnosis and Bedside Management
Jonathan A. Edlow, MD, Professor of Emergency Medicine at Harvard Medical School and a nationally recognized expert in neuroemergencies, presents a practical approach to diagnosing and treating BPPV at the bedside. Emphasizing the distinction between triggered versus spontaneous dizziness, Dr. Edlow reviews the pathophysiology of BPPV, appropriate use of the Dix-Hallpike and supine roll tests, and how to implement canalith repositioning maneuvers like the Epley and BBQ roll. This lecture equips clinicians to manage BPPV confidently and avoid unnecessary diagnostics.

DAY 5

- Lecture 1:** Emily Rose, MD, FAAP, FAAEM, FACEP presents
Pediatric Resuscitation Essentials
Children present infrequently but critically in emergency settings—and when they do, preparedness saves lives. This lecture delivers an evidence-based review of pediatric resuscitation, emphasizing key physiologic differences, recognition of compensated shock, respiratory failure, and the tailored use of airway and circulatory support strategies. Presented by Emily Rose, MD, FAAP, FAAEM, FACEP—Associate Professor of Clinical Emergency Medicine at the Keck School of Medicine of the University of Southern California—this talk covers essential topics including vascular access, fluid and pressor selection in pediatric sepsis, traumatic brain injury protocols, neonatal resuscitation techniques, and high-stakes airway management. Practical, high-yield guidance is provided to improve confidence and performance when caring for critically ill children.
- Lecture 2:** Michael W. Donnino, MD presents
Advances in Cardiac Arrest Management
Michael Donnino, MD, Professor of Emergency Medicine at Harvard Medical School and Director of the Center for Resuscitation Science at Beth Israel Deaconess Medical Center, explores the latest evidence in cardiac arrest care. This lecture examines real-world challenges in airway management, reviews comparative studies of amiodarone, lidocaine, and epinephrine, and analyzes targeted temperature management and other post-arrest interventions. Emphasis is placed on integrating research findings into practical ACLS decision-making to enhance patient outcome.
- Lecture 3:** Jonathan A. Edlow, MD presents
Learning from Diagnostic Errors: A Clinician's Perspective
Nationally recognized emergency physician and Harvard Medical School professor Jonathan A. Edlow, MD, delivers a candid and insightful lecture on diagnostic errors. Drawing from decades of clinical experience, Dr. Edlow dissects cases where things went wrong, explores the underlying reasons—from cognitive traps to systemic issues—and offers practical tools for minimizing future errors. His engaging, self-reflective approach reinforces the value of humility, curiosity, and continuous learning in the pursuit of safer patient care.
- Lecture 4:** Alexander D. Grushky, MD presents
Radiology for the Emergency Department
This practical and case-based lecture highlights key considerations in emergency imaging, from selecting the appropriate modality to understanding artifacts, protocol variations, and operational barriers to timely interpretation. Alexander Grushky, MD, a board-certified diagnostic radiologist with fellowship training in musculoskeletal imaging at Corewell Health and current faculty in Emergency Radiology at Michigan Medicine, shares insights on using ACR Appropriateness Criteria, the importance of clinical context, and how to foster better collaboration between emergency physicians and radiologists.

For more information, visit the AEI website at [AEISeminars.com](https://www.aeiseminars.com) or click the links below

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PARTICIPANT DETAILS

Participant: _____ Destination: _____

Start Date: _____ End Date: _____ Cost: _____