

HARVARD MEDICAL
FACULTY PHYSICIANS
AT BETH ISRAEL DEACONESS
MEDICAL CENTER



THE INSTITUTE FOR
EMERGENCY DEPARTMENT
CLINICAL QUALITY
IMPROVEMENT

Neurological Emergencies

1–2 May, 2025

Sheraton Dubrovnik Riviera Hotel, Dubrovnik, Croatia

www.EDQualityInstitute.org

Now With Added Seminars and Workshops!

Learn with Harvard Medical School professors, and world-renowned neurological emergency experts, Drs. Jonathan Edlow and Joshua Goldstein, as they take a version of their lauded annual course to Europe for the third time!

Relevant for clinicians working in:

- Emergency Medicine
- Inpatient and Outpatient Neurology
- Critical Care
- Hospital Medicine
- Urgent Care
- Internal/Family Medicine

COME EARLY

And attend our ED Quality Improvement Professional Certification Course, 28–30 April and receive a \$400 discount!

Offered by
Beth Israel Deaconess
Medical Center



MASSACHUSETTS
GENERAL HOSPITAL

The Institute for Emergency Department Clinical Quality Improvement Promoting excellence in emergency department operations, clinical quality, and patient safety through a commitment to quality improvement, clinical education, international collaboration, and research

Course Description

Neurological Emergencies is a 2-day, 16-hour course that provides updates, best practices, and new algorithms to diagnose neurological symptoms, quickly identify a neurological emergency, and take appropriate measures to optimize outcomes for high-risk patients. The goal of this course is to prepare clinicians to quickly and accurately diagnose and provide appropriate care for patients with neurological emergencies, including:

- **High-frequency symptoms** Headache, back pain, dizziness, diplopia, seizure, weakness, and coma
- **High-risk conditions** Acute ischemic stroke, subarachnoid hemorrhage, traumatic brain injury, and intracerebral hemorrhage

Neurological Emergencies is delivered by the Department of Emergency Medicine at Harvard Medical Faculty Physicians at Beth Israel Deaconess Medical Center (BIDMC), in collaboration with Massachusetts General Hospital, Department of Emergency Medicine.

Key Course Features

Course participants will learn from world-renowned experts in emergency medicine, neurology, neurocritical care, neurosurgery, and neuroradiology. The course, facilitated by faculty from Harvard Medical School, Beth Israel Deaconess Medical Center, Massachusetts General Hospital, and other international experts, will use presentations and interactive Q&A sessions to address the following educational areas:

- A new paradigm to diagnose dizziness
- Best practices for ordering, and reviewing, brain and spine imaging
- Updates in diagnosis and management of traumatic brain injury
- An algorithmic approach to evaluating back pain to avoid missing cord or cauda equina compression
- The newest approaches to treating TIA and ischemic and hemorrhagic stroke
- Updates to diagnose and manage the comatose patient
- Advances in the management of seizures
- Workshops exploring HINTS, Dizziness, NIHSS, Brain and Spine Imaging



Join us in Croatia!

The event will be held at the Sheraton Dubrovnik Riviera Hotel, Dubrovnik, Croatia, a UNESCO World Heritage Site.

COURSE DIRECTORS

Jonathan Edlow, MD

Professor of Emergency Medicine,
Harvard Medical School

Joshua Goldstein, MD, PhD

Director, Center for Neurologic Emergencies,
Massachusetts General Hospital; Professor of
Emergency Medicine, Harvard Medical School

FACULTY

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Skills in Healthcare, Slovenia



Program

DAY 1: Thursday, 1 May

- 8:00–8:30 Registration and Welcome Coffee
- 8:30–8:45 Welcome and Introduction
- 8:45–9:45 Dizziness: A New Evidence-Based Algorithm
- 9:45–10:00 Q & A
- 10:00–10:30 Neuroimaging: Head CT and MRI for Non-Radiologists
- 10:30–10:45 Q & A
- 10:45–11:00 Coffee Break
- 11:00–12:30 Neurological Emergency Workshops: Dizziness (HINTS), Clinical Case Review, and CT Head Reads
- 12:30–13:30 Lunch
- 13:30–14:00 Headache 101: Avoiding Misdiagnosis
- 14:00–14:15 Q & A
- 14:15–14:45 Paralysis Puzzles: Exploring Non-Stroke Causes of Weakness
- 14:45–15:00 Q & A
- 15:00–15:30 Neuro Spine Imaging
- 15:30–15:45 Q & A
- 15:45–16:00 Coffee Break
- 16:00–17:00 Neurological Emergencies Across the World: Interactive Case Workshop Part I
- 17:00–18:30 Reception and Poster Session

DAY 2: Friday, 2 May

- 8:00–8:20 Welcome Coffee
- 8:20–8:30 Welcome Back
- 8:30–9:00 Updates on Stroke Revascularization: IV Thrombolytics and Endovascular Therapy
- 9:00–9:15 Q & A
- 9:15–9:45 Code ICH! The First Hours of Intracerebral Hemorrhage
- 9:45–10:00 Q & A
- 10:00–10:15 Coffee Break
- 10:15–11:45 Neurological Emergency Workshops: Dizziness (BPPV), NIHSS, How to Read a Spine MRI
- 11:45–12:15 Transient Ischemic Attack: Preventing Stroke
- 12:15–12:30 Q & A
- 12:30–13:30 Lunch
- 13:30–14:00 Traumatic Brain Injury
- 14:00–14:15 Q & A
- 14:15–14:45 Seizures and Status Epilepticus
- 14:45–15:00 Q & A
- 15:00–15:15 Coffee Break
- 15:15–15:45 Nuances of Nystagmus
- 15:45–16:00 Q & A
- 16:00–17:00 Neurological Emergencies Across the World: Interactive Case Workshop Part II



About Dubrovnik

- One of Croatia's most beautiful cities
- Recognized as an UNESCO World Heritage Site for its outstanding medieval architecture and fortified old town
- Day trips to the Elaphiti Islands, Blue Cave, Lokrum Island, Adriatic Sea towns, Montenegro, Mljet National Park, Bosnia, and Herzegovina, Medjugorje
- One of the only remaining completely walled cities in Europe
- Kayaking, ziplining, and canoeing along gorgeous shore lines
- Panoramic city and shore views, beautiful beaches
- Accessible by Dubrovnik airport, with daily flights from New York, London, Dubai and many other international cities

Sheraton Dubrovnik Riviera Hotel

- Modern design hotel with elegant sea views
- State of the art conference facilities with largest conference room in Croatia
- Five restaurants within the resort, with nearby access to several nearby local restaurants
- 10 minute street or water taxi to Dubrovnik old city
- Direct access to Elaphiti Islands and other boat tours from hotel port
- Pool, spa, and direct beach access



Course Objectives

Upon completion of this activity, participants will be able to:

- Articulate how to perform bedside diagnostic and therapeutic maneuvers in the dizzy patient
- Use focused history and physical to determine which patients with headache or minor head injury require neuroimaging or further workup
- Use clinical “red flags” to avoid misdiagnosis of cord and cauda equina compression in patients with back pain
- Discuss how to rapidly evaluate patients with stroke symptoms for intravenous and intraarterial revascularization therapy



METHODOLOGY

The sessions will provide current best practices in diagnosis and treatment, improving learner competence by providing current best evidence for evaluation of neurologic symptoms and current best practices for using known therapies and treatments. Many of the didactic sessions are rich with images and video clips to better communicate ideas and concepts.



WHO SHOULD PARTICIPATE?

This course will primarily benefit physicians, nurses, and advanced practice providers from emergency medicine, neurology, primary care, critical care, hospital medicine, urgent care, and internal/family medicine.

CERTIFICATES & CME CREDIT

Participants are eligible for the following:

- **Certificate of Program Completion** from The Institute for Emergency Department Clinical Quality Improvement, based at The Department of Emergency Medicine at Harvard Medical Faculty Physicians at Beth Israel Deaconess Medical Center, a Harvard Medical School teaching hospital, as well as Massachusetts General Hospital.
- An application has been submitted to the **European Accreditation Council for Continuing Medical Education (EACCME®)**. Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

TUITION

Early (before 1 February, 2025) \$900 USD

Standard \$1,100 USD

*For information on discounted hotel rates, and to register for our course, please visit our website.



Registration

Visit www.EDQualityInstitute.org to register.

Email us at info@EDQualityInstitute.org for information on group discounts.

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