Atlantic Health

Neurological and Neurosurgical Emergency and Critical Care (NECC) Symposium

Hyatt Regency, Morristown, New Jersey
Thursday and Friday, October 8-9, 2026





Program Director and Chairman:
Kiwon Lee, MD, FACP, FAHA, FCCM

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Course Director's Message

Patients presenting with neurological and neurosurgical emergencies are between life and death: The Neuro Twilight Zones. These conditions are life-threatening and time-sensitive illnesses that require clinicians to make rapid diagnoses and provide immediate medical and surgical interventions to improve survival. Early brain resuscitation through advanced Brain Code process may reduce mortality and improve outcomes.

Patients who present with a high likelihood of death may survive and potentially achieve desirable functional outcomes. Our conference highlights technologically advanced medical and surgical treatments through a multidisciplinary team approach with one goal in mind: Saving Lives Beyond Expectation. Welcome to our annual continuing medical education program. We are confident that you will find the symposium highly interactive and practical, featuring the latest medical literature to support your daily clinical practice.





Kiwon Lee, MD, FACP, FAHA, FCCM
Chairman of the Department of Neurology,
Atlantic Health Morristown Medical Center
System Associate Medical Director of Stroke
Medical Director of Stroke and Neurocritical Care Program
Medical Director of Neurology Acute Care
Clinical Professor of Neurology,
Rutgers RWJ Medical School

The 2026 NECC Focus: **Saving Lives Beyond Expectation**

Course Description

The 2026 Neurological and Neurosurgical Emergency and Critical Care (NECC) Symposium is the inaugural continuing medical education (CME) conference as part of an annual medical education series at Atlantic Health, directed by Kiwon Lee, MD, FACP, FAHA, FCCM, Chair of Neurology at Atlantic Health Morristown Medical Center and Director of Stroke and Neurocritical Care Programs at Atlantic Health.

It is a one-and-a-half-day CME course focused on how to resuscitate patients with life-threatening neurological and neurosurgical emergencies, including neurotrauma, status epilepticus, brain herniation, CNS infections, brain tumors with severe edema, and severe ischemic and hemorrhagic stroke.

Program content will be divided into multiple sessions, each with its own medical and surgical lectures pertinent to the session. There will be a main session as well as multiple concurrent satellite sessions offering hands-on, interactive workshops. Academic leaders in the field of neurology and neurosurgery who are renowned internationally will be invited as keynote speakers, and many internal faculty physicians and surgeons will speak in their fields of expertise.

The conference will be highly interactive and cover up-to-date and cutting-edge medical topics.

The symposium promotes neurocritical care advocacy and education, with the goal of saving lives through cutting-edge medicine and surgery.

Continuing Medical Education Credits

CME credit will be offered; the total number of Category 1 credits will depend on each participant's hours of attendance. Each lecture file will be reviewed by the program director to ensure that the medical education is free of commercial bias or influence. Off-label content will not be included for clinical discussion and may be discussed only in the context of innovation and research.

Atlantic Health is accredited by the Medical Society of New Jersey to provide continuing medical education credits for physicians.

Atlantic Health designates this live activity for a maximum of 11 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Audience

- General and consulting neurologists, stroke neurologists, neurohospitalists, and neurointensivists
- Neurosurgeons
- Pulmonary and critical care physicians
- Surgical critical care and trauma surgeons
- Anesthesia physicians
- Emergency medicine physicians
- Critical care and neuroscience nurses
- Advanced practice providers
- EMTs and paramedics
- Pharmacists
- Physicians in training and medical students

2026 Program Highlights

Neurovascular Updates Including Late-Breaking Clinical Trial Reports

Special Lectures by National Leaders in the Field of Neurosurgery, Stroke, Neurocritical Care

Critical Care Sonography: Applying Critical Care Ultrasound for Decision-Making Processes

Invasive Multimodal Monitoring: Hands-On Workshop for Brain Oximetry Catheter Placement: How To and When to Do It

Neuro APP Workshop: The Brain Code and Neurocritical Care Refresher Course



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Registration Fees

Credentials	Early Bird Pricing (Until 9/30)	Standard Pricing (Starting 10/1)
Physicians	$350	$400
RNs, APPs, and other healthcare providers	$250	$300
Physicians in training and students	Free	Free
Health system employees and executives (PhD, MS, MA)	$350	$400
Vendors and industry personnel	$1,000	$1,050

Included with Registration:

- Breakfast, lunch, and refreshment breaks
- CME credits
- Access to networking events
- Meeting materials and resources
- Additional attendee benefits

Room block information is emailed upon registration.

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TO REGISTER

Invited Speakers



James Grotta, MD
Director of Stroke Research, Clinical Institute for Research and Innovation
Director of Mobile Stroke Unit Consortium, Memorial Hermann Texas Medical Center
Houston, Texas



Christopher Kellner, MD
Associate Professor of Neurosurgery, Director of Cerebrovascular Center, Director of Intracerebral Hemorrhage, Department of Neurosurgery, Mount Sinai School of Medicine
New York, New York



Tudor Jovin, MD
Professor and Chair, Department of Neurology and Director of Cooper Neuroscience Institute, Cooper Medical Center and Cooper Medical School
Camden, New Jersey



David Seder, MD, FCCM, FCCP, FNCS, FAHA
Susie Konkel and Jamie Konkel Endowed Chairman of Critical Care Services, Professor of Medicine, Tufts University School of Medicine, Maine Medical Center-Portland Campus
Portland, Maine



Gene Sung, MD, MPH
Past President, Neurocritical Care Society, Director, Neurocritical Care and Stroke Division, University of Southern California
Los Angeles, California



Emad Nourollah-Zadeh, MD
Associate Professor of Neurology and Neurosurgery, Neurointerventional Surgery, Department of Neurology, Rutgers University RWJ Medical School
New Brunswick, New Jersey



Igor Rybinnik, MD
Associate Professor of Neurology and Director of Medical Clerkship, Department of Neurology, Rutgers University RWJ Medical School
New Brunswick, New Jersey



William Adams, DO
Division of Neurocritical Care, Department of Neurology at Atlantic Health Morristown Medical Center and Atlantic Health Overlook Medical Center
Summit, New Jersey



Robert Aiken, MD
Neuro-Oncology, Co-Director of Gerald J. Glasser Brain Tumor Center, Atlantic Health
Summit, New Jersey



Kimberly Ashayeri, MD
Complex, Minimally Invasive, and Motion-Preservation Spine Surgery; Robotic Spine Surgery Instructor at Atlantic Health and Atlantic Brain and Spine
Morristown, New Jersey



Marianna Atiya, MD
Division of Cerebrovascular Diseases, Department of Neurology, Atlantic Health Overlook Medical Center
Summit, New Jersey



Ankit Bansal, MD
Division of Neurocritical Care, Department of Neurology at Atlantic Health Morristown Medical Center and Atlantic Health Overlook Medical Center
Morristown, New Jersey



Guilherme Barros, MD
Cerebrovascular and Endovascular Neurosurgery, Atlantic Brain and Spine
Morristown, New Jersey



Ronald Benitez, MD
Cerebrovascular and Endovascular Neurosurgery, Director of Endovascular Neurosurgery, Atlantic Health, Atlantic Brain and Spine
Morristown, New Jersey



Kate Carroll, MD
Pediatric Neurosurgery, Atlantic Health and Atlantic Brain and Spine
Morristown, New Jersey



Kyle Chapple, MD
Cerebrovascular and Endovascular Neurosurgery, Atlantic Brain and Spine
Morristown, New Jersey



Eric J. Charles, MD, PhD
Surgical Critical Care, Trauma Surgery Division, Department of Surgery, Atlantic Health Morristown Medical Center
Morristown, New Jersey



Patrick Chiarolanzio, MD
Division of Diagnostic and Neuroradiology, Department of Radiology at Atlantic Health Morristown Medical Center
Morristown, New Jersey



Fabio Frisoli, MD
Chairman of Neurosurgery, Atlantic Health Overlook Medical Center, Director of Skull Base Surgery, Atlantic Health Gerald J. Glasser Brain Tumor Center, Medical Director of Neurotrauma, Atlantic Health Morristown Medical Center, Atlantic Brain and Spine
Morristown, New Jersey



Alessandro Iliceto, MD
Division of Neurocritical Care, Department of Neurology at Atlantic Health Morristown Medical Center and Atlantic Health Overlook Medical Center
Summit, New Jersey



Bhavika Kakadia, DO
Division of Stroke, Department of Neurology, Atlantic Health Morristown Medical Center
Morristown, New Jersey



Kiwon Lee, MD, FACP, FAHA, FCCM
Clinical Professor and Chairman, Department of Neurology, Atlantic Health Morristown Medical Center, Medical Director of Neurology, Acute Care, System Associate Medical Director of Stroke, Medical Director of Stroke and Neurocritical Care Program
Morristown, New Jersey



Kelly Mari, APN-C
Lead Advanced Practice Provider, Division of Neurocritical Care, Department of Neurology, Atlantic Health Morristown Medical Center
Morristown, New Jersey



Amirali Masoumi, MD, FACC
Medical Director of Cardiac Critical Care, Medical and Interventional Director of Cardiogenic Shock and Mechanical Circulatory Support Program, Gagnon Cardiovascular Institute, Atlantic Health Morristown Medical Center
Morristown, New Jersey



Constanza Mastrangelo, MSN, RN, PCCN, SCRN, ASC-BC
Stroke Program Manager, Atlantic Health Morristown Medical Center
Morristown, New Jersey



Siddhart Mehta, MD
Medical Director of the Neurocatheterization Lab, Cooperman Barnabas Medical Center
Morristown, New Jersey



Yaron Moshel, MD, PhD, FAANS
Vice President of Atlantic Brain and Spine, Co-Director of Gerald J. Glasser Brain Tumor Center, Director of Neurosurgery at Atlantic Health, Chairman of the Department of Neurosurgery, Atlantic Health Morristown Medical Center
Morristown, New Jersey

Read more about program speakers on the NECC Symposium webpage:



Paul Saphier, MD
Complex and Minimally Invasive Cranial and Neurovascular Surgeon
Morristown, New Jersey



Ruchir Shah, MD
Division of Stroke, Department of Neurology, Atlantic Health Morristown Medical Center
Morristown, New Jersey



Chirag Shah, MD
Chairman, Department of Medicine, Atlantic Health Morristown Medical Center
Morristown, New Jersey



Annjill Singh, DNP, RN, MEDSURG-BC
Stroke Program Manager, Atlantic Health Overlook Medical Center
Summit, New Jersey



Ching (Julie) Y. Tsao, MD
Division of Epilepsy, Atlantic Health Overlook Medical Center
Summit, New Jersey



Vanessa Vides, MD
Neurohospitalist Division, Atlantic Health Newton and Atlantic Health Hackettstown Medical Center
Hackettstown, New Jersey



Gayle Walker-Cillo, MSN/ED, RN, CEN, SCRN, ASC-BC, FAEN
Stroke Program Manager, Atlantic Health Morristown Medical Center
Morristown, New Jersey



Edwin Wu, MD
Division of Neurocritical Care, Department of Neurology at Atlantic Health Morristown Medical Center and Atlantic Health Overlook Medical Center
Summit, New Jersey



Peter Wynne, MD
Division of Diagnostic and Neuroradiology, Department of Radiology at Atlantic Health Morristown Medical Center
Morristown, New Jersey



Jordan Yakoby, EdD, DNP, ACNP-BC, FNYAM, FCCM, FNCA, FAANP
Division of Neurocritical Care, Department of Neurology, Atlantic Health Overlook Medical Center
Summit, New Jersey

Symposium Agenda

Thursday, October 8, 2026

8:00 AM	Breakfast - *Washington Concourse*	
8:30 AM	Welcome Remarks from Trish O'Keefe, PhD, RN, President, Atlantic Health Morristown Medical Center, and Senior Vice President, Atlantic Health	
	AM Session 1: Neurological and Neurosurgical Emergencies: Cerebrovascular Diseases moderated by Kiwon Lee, MD - *Main Hall*	
8:35 AM	**Surgical options for ICH:** what we have learned so far	*Paul Saphier, MD*
8:50 AM	**Large Core Infarcts:** do we intervene on everyone?	*Kiwon Lee, MD*
9:05 AM	**2026 High-Impact, Late-Breaking Clinical Trials Report, CREST-2 Trial:** What to Do for Asymptomatic Carotid Stenosis	*Ruchir Shah, MD*
9:20 AM	**For Low NIHSS, One May Choose Antiplatelets/DAPT over TNK:** Does It Matter Whether Disabling vs. Non-Disabling?	*Bhavika Kakadia, DO*
9:35 AM	**Extended Window Up to 24 hours for IV TNK:** OPTION, TRACE III, and How to Implement for Healthcare Systems	*Marianna Atiya, MD*
9:50 AM	**Mobile Stroke Unit:** Does It Make a Difference? The Journey of Thrombus and Thrombolysis	*James C. Grotta, MD*
10:05 AM	Break and Exhibition	

Thursday, October 8, 2026

AM Session 2: Neurosurgery Updates moderated by Ron Benitez, MD - *Main Hall*

10:15 AM	**Small Brain Aneurysms:** Do We Treat or Leave Them Alone?	*Kyle Chapple, MD*
10:30 AM	**Challenges With Open Neurosurgery in the Endovascular Era**	*Ron Benitez, MD*
10:45 AM	**Post-Thrombectomy Care in the ICU:** Temperature and Beyond	*Kiwon Lee, MD*
11:00 AM	**Innovations in Endovascular Neurosurgery**	*Guilherme Barros, MD*
11:15 AM	**Neuro Spine Emergencies:** Challenges and Strategies	*Kimberly Ashayeri, MD*
11:30 AM	Break and Exhibition	

AM Session 3: Other Surgical Emergencies moderated by Yaron Moshel, MD, PhD - *Main Hall*

11:40 AM	**Pediatric Neurosurgery Update**	*Kate Carroll, MD*
11:55 AM	**Trauma and Surgical Critical Care Update**	*Eric Charles, MD, PhD*
12:10 PM	**Aggressive GBM Management:** Cutting-Edge Therapies	*Yaron Moshel, MD, PhD, FAANS & Robert Aiken, MD*
12:25 PM	**Trends in Microsurgical Resection of Large Vestibular Schwannomas**	*Fabio Frisoli, MD*
12:40 PM	Lunch Break and Exhibition	

Thursday, October 8, 2026

Audience may choose which sessions to attend - Sessions are held in the Main Hall, Executive I, and Executive II

PM Session 1: Neurological Emergencies: Between Life and Death
moderated by Jordan Yakoby, EdD, DNP - *Main Hall*

1:30 PM	**What It Takes to be a Neuro ICU APP:** Standing on the Front Line and Facing Medicolegal Challenges	*Jordan Yakoby, EdD, DNP*
1:45 PM	**Patient Experience:** I Survived a Life-Threatening Neurological Emergency	*Jackson Morra*
2:00 PM	**Brain Aneurysm, SAH Awareness, and Advocacy**	*Brian Friedman, President and Founder, Matthew Friedman Memorial Foundation*
2:15 PM	Break and Exhibition	

Parallel Lecture

PM Session Workshop 1: Neurocritical Care 101 Refresher Course - *Executive I*

1:30 PM	**Status Epilepticus:** Stepwise Treatment Levels	*Julie Tsao, MD*
1:45 PM	**2026 Code Stroke:** Latest AHA Guidelines on Extended Windows and Inclusion Criteria for Thrombolysis and Intervention	*Gayle Walker-Cillo Constanza Mastrangelo Annjill Singh*
2:00 PM	**Brain Herniation:** How to Perform a Brain Code	*Ankit Bansal, MD*
2:15 PM	Break and Exhibition	

Thursday, October 8, 2026

Parallel Lecture

PM Session Workshop 2: Hands-on ICU Monitoring Course - *Executive II*

1:30 PM	**Advanced Hemodynamic Monitoring:** PiCCO	*Kelly Mari, APN*
1:45 PM	**Critical Care Sonography:** It Will Help You Decide	*Edwin Wu, MD*
2:00 PM	**Multimodality Monitoring:** ICP, PbtO2, CBF Catheters	*Alessandro Iliceto, MD*
2:15 PM	Break and Exhibition	

Return to Main Hall

PM Session 2: Hot Topics Debate and Case Presentations - *Main Hall*

Moderated by Kiwon Lee, MD (8 minutes each with 2-minute rebuttals) - Main Hall Panel: James Grotta, MD, Tudor Jovin, MD, Gene Sung, MD, David Seder, MD, Christopher Kellner, MD, Alessandro Iliceto, MD, Emad Nourolla-Zadeh, MD, and Igor Rybinnik, MD

2:25 PM	**IV TNK within 24 hours of Stroke Onset in Non-Large-Vessel Occlusion with Salvageable Brain Tissue Based on CTP - Do It Now:** Image-Guided TNK Administration is the Way to Go	*Gene Sung, MD*
2:35 PM	**Not sure yet: We need more data. Thrombolysis is Different from Thrombectomy**	*James Grotta, MD*
2:45 PM	**Transfusion Threshold for Low Hgb in Acute Brain Injury:** Everyone Should Receive Liberal Strategy (threshold < 9g/dL)	*Alessandro Iliceto, MD*
2:55 PM	**Come On, Not Everyone!** A Restrictive Strategy is the Way to Go (threshold < 7g/dL)	*David Seder, MD*
3:05 PM	**Do We Really Need CTP for Decision-Making?** If the CT Looks Good, You Don't Need a Perfusion Scan. You are Wasting Time	*Tudor Jovin, MD*

Thursday, October 8, 2026

3:15 PM	**You Also Need to Look at Perfusion.** It Helps You	*Igor Rybinnik, MD*
3:25 PM	**Basal Ganglia ICH:** Go After It	*Christopher Kellner, MD*
3:35 PM	**Basal Ganglia ICH:** Medically Manage It	*Emad Nourollah-Zadeh, MD*
3:45 PM	**What's Your Diagnosis?** An Interactive Session with the Expert Panel and Audience	*Vanessa Vides, MD*
4:05 PM	Break and Exhibition	

PM Session 3: Intracerebral Hemorrhage and Other Stroke Interventions moderated by Edwin Wu, MD - *Main Hall*

4:15 PM	**Time is Brain:** Rapid LVO Detection without Advanced Imaging to Accelerate Recannalization	*Siddart Mehta, MD*
4:30 PM	**Large Core Infarct Intervention and Direct-to-Angio Suite:** Welcome to the Future	*Tudor Jovin, MD*
4:45 PM	**Intracerebral Hemorrhage:** The Science and Medicine Behind It	*Igor Rybinnik, MD*
5:00 PM	**Emergency Stenting** for Acute, Symptomatic, 100% proximal ICA occlusion	*Emad Nourollah-Zadeh, MD*
5:15 PM	**Minimally Invasive Surgery for ICH:** The Future Is Now	*Christopher Kellner, MD*
5:30 PM	**Adjourn**	

Friday, October 9, 2026

8:00 AM	Breakfast - *Washington Concourse*	
8:55 AM	Welcome remarks from Yaron Moshel, MD, PhD, Chair, Neurosurgery, Atlantic Health Morristown Medical Center, Director, Neurosurgery, Atlantic Health	
	AM Session 1: Critical Care Medicine for Neurological Patients: Cardiopulmonary Care moderated by William Adams, DO - *Main Hall*	
9:00 AM	**ARDS in Neurological Patients:** How I Handle It	*William Adams, DO*
9:15 AM	**Neurogenic Stunned Myocardium and Pulmonary Edema**	*David Seder, MD*
9:30 AM	**Pulmonary Critical Care**	*Chirag Shah, MD*
9:45 AM	**Acute Decompensated Heart Failure**	*Amirali Masoumi, MD, FACC*
10:00 AM	Break and Exhibition	
	AM Session 2: Cardiac Arrest and Other Neurocritical Care Topics moderated by Edwin Wu, MD - *Main Hall*	
10:15 AM	**TTM After Cardiac Arrest:** Neurological Indications	*Edwin Wu, MD*
10:30 AM	**State-of-the-Art Post-Resuscitation Cardiac Arrest Care**	*David Seder, MD*
10:45 AM	**Neuromuscular Emergency:** MG Crisis – Beyond PLEX	*Andrew Tarulli, MD*
11:00 AM	**Neuroradiology Cases and Pearls**	*Peter Wynne, MD*
11:15 AM	**Declaration of Death by Neurologic Criteria:** Challenging Medical and Ethical Situations	*Gene Sung, MD*
11:30 AM	**Neuro Prognostication:** Who Will Wake Up?	*Kiwon Lee, MD*
11:45 AM	**Closing Remarks**	

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You cannot claim credits until the event has been completed. Having trouble claiming your CME credits? Contact: luke.urbanik@atlantichealth.org

How to Claim Your CME Credits

- Scan the QR Code
- Sign in with your email
- Take the evaluation
- Print your certificate

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