



3rd Annual New York Symposium Innovation in Neurosciences (NYS-IN)

NYS-IN 2026: The Cerebrovascular Edition

Featuring: #NYZIN26 Neuroendovascular Surgery Hands-On Simulation Course

Friday, July 17, 2026 / 8 a.m. – 5:30 p.m.

New York Academy of Medicine

1216 5th Ave, New York, NY 10029

Course Description

First things first. It's pronounced NYZIN. Where "NY" meets "Z" for a zinger of innovation in cerebrovascular care.

This is not just another conference. **NYZIN 2026: The Cerebrovascular Edition**, is focused, high-impact, and unapologetically clinical, zeroing in on what matters most: hyperacute stroke care, neuroendovascular intervention, and neurocritical care. No distractions. No fluff. Just the science, strategy, and techniques transforming how we treat neurovascular emergencies.

Expect world-renowned faculty, dynamic debates on controversial topics, late-breaking clinical trials, and a candid "nightmare complications" session. The program also features patient perspectives and a dedicated fellow's course offering focused teaching from leaders in the field.

Built for clinicians on the front lines, NYZIN delivers insights you can take straight back to the angio suite, ICU, and stroke program.

Credit Designation

AMA PRA Category 1 Credits™ will be applied for through New York Medical College.

NYS-IN Co-Chairs

Fawaz Al-Mufti, MD
Chirag Gandhi, MD
Stephan Mayer, MD



NEW YORK SYMPOSIUM: INNOVATION IN NEUROSCIENCES

(NYS-IN) 3rd Annual Meeting

Agenda at a Glance

Stroke	Endovascular	Neurocritical Care	Trials / Lunch	Parallel Track	Break
--------	--------------	--------------------	----------------	----------------	-------

7:30 – 8:00 AM Registration & Breakfast

8:00 – 8:30 AM Welcome Address: Annual Meeting Chairs

8:00AM 8:10AM	Opening Remarks	Chirag Gandhi, MD Fawaz Al-Mufti, MD Stephan Mayer, MD Tracey Milligan, MD
8:10AM 8:20AM	From Catchment to Care: Designing the Next Generation Stroke System	Dr. Peter Paige, MD <i>Chief Clinical Officer Westchester Medical Center Health Network</i>
8:20AM 8:30AM	From Bench to Bedside to Beyond: A Dean's Vision for Neuroscience Education and Discovery	Dr. Neil Schluger, MD , <i>Dean of New York Medical College</i>

8:30 – 9:30 AM Innovation in Prehospital Stroke Care: Time Is Brain Is Outdated, Time Is Systems

Moderators: Fawaz Al-Mufti, MD; Sarah Parauda, MD; Adam Karp, MD; Sangarsha Thapa, MD

8:30AM 8:50AM	Keynote: Scaling Stroke Systems in the Largest EMS System in the U.S.	Glenn Asaeda, MD
8:50AM 9:00AM	AI in the Ambulance From Hype to Deployment: Augmentation or Illusion?	TBD
9:00AM 9:10AM	Critical Care Management of Stroke in the Field and ED: What Actually Happens at 2 AM	TBD
9:10AM 9:20AM	Mobile Stroke Units: Do They Change the Destination or the Outcome?	Ji Chong, MD
9:20AM 9:30AM	Rapid Fire Q&A: Where Should This Patient Go?	All Panelists

9:30 – 10:30 AM Innovation in Stroke I: Decision-Making Under Uncertainty		
Moderators: Justin Santarelli, MD; Pankaja Ramakrishnan, MD; Ahmed El-Mashad, MD		
9:30AM 9:50AM	The CT Perfusion Debate: Necessary Tool or Unnecessary Delay? Pro: CT Perfusion as a Necessary Tool Con: Unnecessary Delay	Haris Kamal, MD Tudor Jovin, MD
9:50AM 10:00AM	2026 Stroke Guidelines: What Actually Changes Practice Tomorrow	Shadi Yaghi, MD
10:00AM 10:10AM	IA Lytics After Thrombectomy: Adjunct or Regression?	Mohammed El-Ghanem, MD
10:10AM 10:20AM	Live Case Discussion: SVIN Mission Thrombectomy Teleobservership Program <i>Real-Time Decisions: What Would You Do?</i>	Priyank Khandelwal, MD
10:20AM 10:30AM	Crossfire Q&A: When Do You Stop? The Hardest Decision in the Angio Suite	All Panelists

10:30 – 10:50 AM Coffee Break

10:50 – 12:00 PM Innovation in Endovascular I: Coiling and Beyond		
Moderators: Gurmeen Kaur, MD; Uchenna N. Okafo, MD; Ilya Frid, MD		
10:50AM 11:10AM	Debate: MeVO: Next Frontier or Next Mistake? Pro: We Should Be Doing EVT for MeVO Con: The Data Does Not Support EVT for MeVO	Babak Navi, MD Jared Cooper, MD
11:10AM 11:20AM	Flow Diversion: Technical Nuances That Change Outcomes	Eytan Raz, MD
11:20AM 11:30AM	Imaging the Future: Predicting Rupture and Durability	TBD
11:30AM 11:40AM	Management of Recurrence from Intrasaccular Devices	Yazan Alderazi, MD
11:40AM 11:50AM	What Cardiology Got Right: The Future of Innovation	Haris Kamal, MD
11:50AM 12:00PM	Crossfire Q&A: What Are We Missing in MeVO Trials?	All Panelists



12:00 – 1:00 PM Innovation in Stroke II: Expanding the Frontier

Moderators: Chirag Gandhi, MD; Nancy E. Gadallah, DO; Lisha Melathe, PA

12:00PM 12:20PM	Debate: Airway Control vs Time to Reperfusion. GA vs CS in EVT Pro: General Anesthesia Con: Conscious Sedation	Seon Kyu Lee, MD Liz Abramowicz, MD
12:20PM 12:40PM	Debate: CREST-2- Carotid Intervention for Asymptomatic Severe Carotid Stenosis Is CEA Dead? Long Live CAS? Pro: Carotid Intervention for Asymptomatic Severe Carotid Stenosis Con: Medical Management	Tudor Jovin, MD Randolph S. Marshall, MD
12:40PM 12:50PM	Stop Pulling, Start Cycling: Why Cyclical Aspiration May Outperform Continuous	Brian Jankowitz, MD
12:50PM 01:00PM	Crossfire Q&A: ICAD — The Unfinished Story: From SAMMPRIS to CASSISS	All Panelists

12:30 – 1:30 PM Lunch & Trials Update

Moderators: Chirag Gandhi, MD; Fawaz Al-Mufti, MD; Stephan Mayer, MD

CURE Trial <i>i-ED COIL Use for Reduction of Chronic Subdural Hematoma — Post-Market Study</i>	Jan Karl Burkhart, MD
Intercept Trial <i>Carotid Implants for Prevention of Stroke Recurrence</i>	Hooman Kamel, MD
Hybernia Trial <i>Hybernia Medical Post-Mechanical Thrombectomy Cerebral Cooling in Stroke (Post-MECC)</i>	John Pile-Spellman, MD
Oceanic-Stroke <i>Asundexian for Preventing Stroke Caused by a Clot After Acute Ischemic Stroke or High-Risk TIA</i>	Hooman Kamel, MD
Grassroot Trial <i>Gravity Stent-Retriever System for Reperfusion of Large Vessel Occlusion Stroke</i>	Dileep Yavagal, MD
River Trial <i>Prospective multicenter trial of a novel venous sinus stent for the treatment of idiopathic intracranial hypertension</i>	Y. Pierre Gobin, MD



2:00 – 3:00 PM Innovation in Stroke and Neuroendovascular II: Veins, Drains and Pains

Moderators: Ahmed El-Mashad, MD; Jan Kalimullah, MD; Evan Schloss, MD; Sharam Majid, MD

02:00PM 02:20PM	Hyperacute Endovascular Management of ICH for Vision Loss Pro: Stenting Is the Way to Go Con: Shunt or Perish	Omar Choudhri, MD Daniel Schwartz, MD
02:20PM 02:30PM	E-Shunt and Endovascular SDH Evacuation	Charles Matouk, MD
02:30PM 02:40PM	Endovascular Treatment of Migraine	Haralabos Zacharatos, MD
02:40PM 02:50PM	Hemodynamics in Venous Sinus Stenosis	Bulent Mamikoglu, MD
02:50PM 03:00PM	Crossfire Q&A: Hyperacute Endovascular Management of ICH for Vision Loss	<i>All Panelists</i>

3:00 – 4:00 PM Innovation in Neuroendovascular III

Moderators: Chirag Gandhi, MD; Johanna Fifi, MD; Gular Mammadil, MD

03:00PM 03:20PM	Debate: Bigger Isn't Always Better... Or Is It? Superbore vs Regular Aspiration Pro: Large Catheter Aspiration Con: Regular Aspiration	David Altschul, MD Sid Roychowdhury, MD
03:20PM 03:30PM	EMBOLISE II: The Data Has Spoken: Watchful Waiting Isn't Treatment	Jared Knopman, MD
03:30PM 03:40PM	It's All About the MEMBRANE: NBCA Subgroup Insights	Chris Kellner, MD
03:40PM 03:50PM	Rewiring Recovery: VNS and the Future of Stroke Rehabilitation	Vishad Sukul, MD
03:50PM 04:00PM	Crossfire Q&A: Superbore vs Regular Aspiration	<i>All Panelists</i>

4:00 – 4:10 PM Coffee Break

4:10 – 5:30 PM Innovation in Neurosciences and Neurocritical Care

Moderators: Dipak Chandy, MD; Neha Dangayach, MD; Anish Thomas, MD

04:10PM 04:30PM	Debate: Clamp It Down or Let It Ride. Blood Pressure Targets After EVT Pro: Clamp it Down Con: Permissive Hypertension	Stephan Mayer, MD Santosh Murthy, MD
04:30PM 04:40PM	Multimodal Neuromonitoring and AI Integration	Soojin Park, MD
04:40PM 04:50PM	Super-Refractory Status Epilepticus	Mill Etienne, MD
04:50PM 05:00PM	Wash It Out: Continuous Transcranial Irrigation in Neurocritical Care	John Wainwright, MD
05:00PM 05:10PM	Therapeutic Temperature Management: Is It Dead?	Kiwon Lee, MD
05:10PM 05:20PM	More Blood, Less Ischemia? Rethinking Transfusion in SAH (TRAIN Trial)	Jon Rosenberg, MD
05:20PM 05:30PM	Crossfire Q&A: Do You Use PbtO₂ Monitoring to Guide Your Practice?	<i>All Panelists</i>



Parallel Tracks

Running concurrent with the afternoon main program

2:00 – 3:00 PM | PARALLEL SESSION **Bootcamp: Acute Stroke Essentials: Read. Decide. Treat.**

A focused, high-yield boot camp designed for APPs, trainees, and junior residents, introducing the core principles of acute stroke management. This session emphasizes rapid assessment, imaging interpretation, and early intervention through concise, case-based learning.

Moderators: Lisha Melathe, PA; Tamara Benoit, NP; Evangeline Reyes-Pastorella, NP

Introduction to Acute Neuroimaging: Read to Treat	Jermaine Rumble, MD
Neurovascular Anatomy Simplified: DSA Interpretation for Non-Interventionalists	Mohamed Elfil, MD
Acute Ischemic Stroke: Treatment Planning and Common Pitfalls	Eric Feldstein, MD
Code ICH: Initial Management and Escalation Strategies	Stephan Mayer, MD
Intracranial Aneurysms: Coil Embolization Basics and Selection Strategy	Ahmed El-Mashad, MD
Neurocritical Care in Stroke	Divya Viswanathan, PA

4:00 – 6:00 PM | PARALLEL SESSION **The NYS-IN Fellows Course: From Training to Independent Practice** *Neuroendovascular Hands-On Simulation Course*

4:00 – 5:00 PM | “What I Wish I Knew”: The First Five Years Out

This is not a lecture. This is where training meets reality. Real. Raw. The lessons that shape us.

A focused, high-intensity session designed for fellows and senior residents preparing for independent neuroendovascular practice. Built around real-world decision-making, technical execution, and complication management. No theory. No fluff. Just what matters when you are the one treating the patient.

Faculty

Discussants: Gurmeen Kaur, MD; Uchenna Okafo, MD; Chirag Gandhi, MD; Richard Jung, MD; Jeffrey Farkas, MD; Fawaz Al-Mufti, MD

Panelists: Dr. Srikanth Boddu, MD; Hazem Shoirah, MD; Dr. Haris Kamal, MD; Vikas Patel, MD; Dr. Jared Cooper, MD;

The mistakes you don’t see coming	Srikanth Boddu, MD
When cases don’t go as planned	Hazem Shoirah, MD
Decision-making under pressure	Haris Kamal, MD
Efficiency, confidence, and owning the room	Vikas Patel, MD
What matters vs. what you thought mattered	Jared Cooper, MD

5:00 – 6:00 PM | Hands-On Simulation: 1:1 Mentored Experience

Small-group, high-touch, faculty-driven training focused on execution and judgment.

Format

- Direct 1:1 or small-group proctoring
- Real-time feedback
- Case-based procedural scenarios
- Iterative skill refinement

Complications Simulation Stations

Intraprocedural aneurysm rupture

- Coil perforation
- Rupture during deployment
- Blood pressure management
- Balloon control
- Reversal strategies
- Decision-making under stress

**Chirag Gandhi,
MD**

Thrombus formation during aneurysm coiling

- Intraoperative thromboembolic complications
- Antiplatelet rescue strategies
- GP IIb/IIIa utilization
- Aspiration/stent rescue approaches

**Gurmeen Kaur,
MD**

Large vessel perforation or wire injury

- Distal wire perforation
- Vessel avulsion/dissection
- Recognition and salvage strategies

**Hazem Shoirah,
MD**

Catastrophic thrombectomy complications

- Embolization to new territory
- Device detachment
- Loss of access
- Tandem complication management

**Uchenna Okafo,
MD**

Access and vascular catastrophe station

- Groin complications
- Cervical carotid injury
- Difficult anatomy bailout strategies
- Management of access-related emergencies

**Jeffrey Farkas,
MD**

NYS-IN Moderators & Organizing Committee:

NYS-IN Symposium Co-Chairs

Fawaz Al-Mufti, MD; Stephan Mayer, MD; Chirag D. Gandhi, MD

Moderators: Prehospital Stroke Care

Adam Karp, MD; Fawaz Al-Mufti, MD; Sarah Parauda, MD; Sangarsha Thapa, MD

Moderators: Innovation in Stroke I

Ahmed El-Mashad, MD; Pankaja Ramakrishnan, MD; Justin Santarelli, MD

Moderators: Innovation in Endovascular I

Ilya Frid, MD; Gurmeen Kaur, MD; Uchenna N. Okafo, MD

Moderators: Innovation in Stroke II

Nancy E. Gadallah, DO; Chirag Gandhi, MD; Lisha Melathe, PA

Moderators: Lunch & Trials Update

Fawaz Al-Mufti, MD; Chirag Gandhi, MD; Stephan Mayer, MD

Moderators: Stroke & Neuroendovascular II

Ahmed El-Mashad, MD; Jan Kalimullah, MD; Sharam Majid, MD; Evan Schloss, MD

Moderators: Innovation in Neuroendovascular III

Johanna Fifi, MD; Chirag Gandhi, MD; Gular Mammadil, MD

Moderators: Innovation in Neurocritical Care

Dipak Chandy, MD; Neha Dangayach, MD; Anish Thomas, MD

**Moderators: Bootcamp Parallel Track
Fellows Course Faculty**

Tamara Benoit, NP; Lisha Melathe, PA; Evangeline Reyes-Pastorella, NP

Fellows Course Faculty

Fawaz Al-Mufti, MD; Srikanth Bodd, MD; Jeffrey Farkas, MD; Chirag Gandhi, MD; Richard Jung, MD; Gurmeen Kaur, MD; Uchenna N. Okafo, MD; Hazem Shoirah, MD

Central Organizing Committee

Fawaz Al-Mufti, MD; Stephan Mayer, MD; Chirag D. Gandhi, MD; Peter Jones, MBA; Carol Esquivel, MHA; Peter Spanos, MS; Bryana Daly, BS; Margaret Astrologo, MBA; Lisha Melathe, PA; Robin McDonald, BA; Eric Feldstein, MD; Nimrod Gozum, BS; Aarti Jain, BS

NYS-IN Faculty

- Liz Abramowicz, MD
- Fawaz Al-Mufti, MD
- Yazan Alderazi, MD
- David Altschul, MD
- Glenn Asaeda, MD
- Tamara Benoit, NP
- Srikanth Bodd, MD
- Jan Karl Burkhart, MD
- Dipak Chandy, MD
- Ji Chong, MD
- Omar Choudhri, MD
- Sulin Chung, MD
- Tina Cocuzza, MD
- Jared Cooper, MD
- Neha Dangayach, MD
- Mohamed Elfil, MD
- Mill Etienne, MD
- Jeffrey Farkas, MD
- Eric Feldstein, MD
- Johanna Fifi, MD
- Ilya Frid, MD
- Nancy E. Gadallah, DO
- Chirag Gandhi, MD
- Y. Pierre Gobin, MD
- Brian Jankowitz, MD
- Richard Jung, MD
- Jan Kalimullah, MD
- Haris Kamal, MD
- Hooman Kamel, MD
- Adam Karp, MD
- Gurmeen Kaur, MD
- Chris Kellner, MD
- Priyank Khandelwal, MD
- Jared Knopman, MD
- Seon Kyu Lee, MD
- Kiwon Lee, MD
- Sharam Majid, MD
- Bulent Mamikoglu, MD
- Gular Mammadil, MD
- Randolph S. Marshall, MD
- Charles Matouk, MD
- Stephan Mayer, MD
- Lisha Melathe, PA
- Tracey Milligan, MD
- Santosh Murthy, MD
- Babak Navi, MD
- Uchenna N. Okafo, MD
- Peter Paige, MD
- Sarah Parauda, MD
- Soojin Park, MD
- John Pile-Spellman, MD
- Pankaja Ramakrishnan, MD
- Eytan Raz, MD
- Evangeline Reyes-Pastorella, NP
- Jon Rosenberg, MD
- Sid Roychowdhury, MD
- Jermaine Rumble, MD
- Justin Santarelli, MD
- Neil Schluger, MD
- Daniel Schwartz, MD
- Hazem Shoirah, MD
- Vishad Sukul, MD
- Sangarsha Thapa, MD
- Anish Thomas, MD
- Divya Viswanathan, PA
- John Wainwright, MD
- Shadi Yaghi, MD
- Dileep Yavagal, MD
- Haralabos Zacharatos, MD