

Save the Date

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 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 MEDICAL COLLEGE
A MEMBER OF Touro University

For information or questions:
NYSIN@wmchealth.org

NEW YORK SYMPOSIUM: INNOVATION IN NEUROSCIENCES (NYS-IN) AGENDA

7:30-8:00 Registration and Breakfast

Welcome Address: Annual Meeting Chairs

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

8:00-09:00 Innovation in Prehospital Stroke Care: Time Is Brain Is Outdated. Time Is Systems.

Keynote: Scaling Stroke Systems in the Largest EMS System in the U.S.

Stroke in the Field: What Actually Happens at 2 AM

AI in the Ambulance: From Hype to Deployment, Augmentation or Illusion?

Mobile Stroke Units: Do They Change the Destination—or the Outcome?

Rapid Fire Q & A: Where Should This Patient Go?

All Panelists

9:00-10:00 Innovation in Stroke I: Decision-Making Under Uncertainty

Debate: Necessary Tool or Unnecessary Delay: The CT Perfusion Debate

2026 Stroke Guidelines: What Actually Changes Practice Tomorrow

IA Lytics After Thrombectomy: Adjunct or Regression?

Live Case Discussion: SVIN Mission Thrombectomy Teleobservership Program
Real-Time Decisions: What Would You Do?

Cross Fire Q & A: When Do You Stop? The Hardest Decision in the Angio Suite

All Panelists

10:00-10:30 Coffee Break

10:30-11:30 Innovation in Endovascular I: Coiling and Beyond

Debate: MeVO: Next Frontier or Next Mistake?

Pro: We Should Be Doing EVT for MeVO

Con: The Data Does Not Support EVT for MeVO

Flow Diversion: Technical Nuances That Change Outcomes

Imaging the Future: Predicting Rupture and Durability

Management of Recurrence from Intracascular Devices

Live Case Discussion

SVIN Mission Thrombectomy Teleobservership Program

Real-Time Decisions: What Would You Do?

Cross Fire Q & A: What Are We Missing in MeVo Trials

All Panelists

11:30-12:30 Innovation in Stroke II: Expanding the frontier

Debate: Airway Control vs Time to Reperfusion: GA vs CS in EVT—Pro vs Con

Robotics in Neuroendovascular Therapy: Beyond the Noise -Hype or the Next Paradigm?

Live Case Discussion

SVIN Mission Thrombectomy Teleobservership Program

Real-Time Decisions: What Would You Do?

CREST-2: Is CEA Dead? Long Live CAS?

Stop Pulling, Start Cycling: Why Cyclical Aspiration May Outperform Continuous

Cross Fire Q & A: ICAD: The Unfinished Story: From SAMMPRIS to CASSISS

All Panelists

12:30-1:30 Lunch/ Trials

iCURE Trial (i-ED COIL Use for Reduction of Chronic Subdural Hematoma Post Market Study)

Intercept Trial (Carotid Implants for Prevention of Stroke Recurrence From Large Vessel Occlusion in Atrial Fibrillation Patients Treated With Oral Anticoagulation)

Hybernia Trial (Hybernia Medical Post-Mechanical Thrombectomy Cerebral Cooling in Stroke (Post-MECC))

Oceanic-Stroke (A Study to Test Asundexian for Preventing a Stroke Caused by a Clot in Participants After an Acute Ischemic Stroke or After a High-risk Transient Ischemic Attack, a So-called Mini Stroke)

Grassroot Trial (Gravity Stent-Retriever System For Reperfusion Of Large Vessel Occlusion Stroke Trial)

BosStent Trial (Implantation to Treat Pulse-Synchronous Tinnitus)

1:30-2:30 Innovation in Stroke and Neuroendovascular II

What Cardiology Got Right: The Future of Innovation

E-Shunt and Endovascular SDH Evacuation

Endovascular Treatment of Migraine

Hemodynamics in Venous Sinus Stenosis / Manometry Wires and Intravascular Imaging in Neurointerventional Surgery

Managing Recurrent Venous Stenosis

Cross Fire Q & A: Hyperacute Endovascular Management of ICH for Vision Loss

All Panelists

2:30-3:30 Innovation in Neuroendovascular III: Veins, Drains and Pains

Debate: Bigger Isn't Always Better... Or Is It? Superbore vs Regular Aspiration

EMBOLISE II: The Data Has Spoken- Watchful Waiting Isn't Treatment

It's All About the MEMBRANE: NBCA Subgroup Insights

Rewiring Recovery: VNS and the Future of Stroke Rehabilitation

More Blood, Less Ischemia? Rethinking Transfusion in SAH (TRAIN Trial)

Cross Fire Q & A: Superbore vs Regular Aspiration

All Panelists

3:30-4:00 Coffee Break

4:00-5:00 Innovation in Neurosciences and Neurocritical Care:

Debate: Clamp It Down or Let It Ride: Blood Pressure Targets After EVT

Multimodal Neuromonitoring and AI Integration

Wash it Out: Continuous Transcranial Irrigation in Neurocritical Care

Therapeutic Temperature Management: Is it Dead?

Cross Fire Q & A: Do You Use PbTO₂ Monitoring to Guide Your Practice?

All Panelists

1:30-2:30

Bootcamp: Acute Stroke Essentials: Read. Decide. Treat.

PARALLEL SESSION

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.

Curriculum:

Introduction to Acute Neuroimaging: Read to Treat

Neurovascular Anatomy Simplified: DSA interpretation for non-interventionalists

Acute Ischemic Stroke: Treatment planning and common pitfalls

Code ICH: Initial management and escalation strategies

Intracranial Aneurysms: Coil embolization basics and selection strategy

Introduction to Neurocritical Care in Stroke

3:30-5:30

THE NYS-IN FELLOWS COURSE: FROM TRAINING TO INDEPENDENT PRACTICE
NEUROENDOVASCULAR HANDS-ON SIMULATION COURSE

PARALLEL SESSION

This is not a lecture. This is where training meets reality. 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.

3:30 – 4:30 PM

“What I Wish I Knew” — The First Year Out
Recent Fellowship Graduates

Real talk from those who just made the transition:

- The mistakes you don't see coming
- When cases don't go as planned
- Decision-making under pressure
- Efficiency, confidence, and owning the room
- What matters vs what you thought mattered

4:30 – 5:30 PM

Hands-On Simulation: 1:1 Mentored Experience

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

Simulation Stations:

- Access and Navigation
- Mechanical Thrombectomy Strategies
- Aneurysm Coiling and Device Selection
- Complication Recognition and Bailout Techniques

Format:

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

5:30-6:30

Faculty Reception

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