



RWJBarnabas
HEALTH

RUTGERS
BIOMEDICAL AND
HEALTH SCIENCES

PRESENT

Stroke and Neurocritical Care Symposium

*5th Annual CE Symposium on
Advanced Management of Neurological and
Neurosurgical Emergencies and Critical Care*

Friday, September 22, 2023
Hyatt Regency

Two Albany Street, New Brunswick, NJ 08901

2023 HIGHLIGHTS

Stroke with unknown onset:

- Tenecteplase for stroke with unknown onset

Basilar artery thrombosis intervention:

- Mechanical thrombectomy for 6-24 hours from the stroke onset for basilar artery occlusions

Aneurysms that are NOT amenable to endovascular treatment:

- We can still do coiling and use newer devices for wide neck aneurysms

Strokes with large core:

- Can we push the envelope and still intervene?

Middle meningeal artery embolization for subdural hematoma:

- Maybe some of the subdurals are arterial in origin

Skip the line and get to the interventional suite:

- It's no longer necessary to repeat any images. Go directly to IR?

Traumatic brain injury resuscitation:

- Pressure, oxygenation and biomarkers

Acute severe abdominal distention:

- What to do with those rising belly syndromes

Acutely occluded carotid artery with tandem lesions:

- Let's open them up and emergently revascularize



For hotel reservations,
call the hotel directly
at **732-873-1234** or
scan the QR Code.

[https://www.hyatt.com/
group-booking/EWR-
RN/G-SNCC](https://www.hyatt.com/group-booking/EWR-RN/G-SNCC)

SYMPOSIUM OVERVIEW

DATE

Friday, September 22, 2023

LOCATION

Hyatt Regency

Two Albany Street
New Brunswick, New Jersey

COURSE DESCRIPTION

The 5th Annual Stroke and Neurocritical Care Symposium is designed to provide physicians and allied healthcare professionals with a comprehensive overview of the cutting-edge management for cerebrovascular diseases and neurocritical care, including useful information on recognition and treatment of neurological emergencies. Topics to be covered include neurovascular surgery, cerebrovascular emergencies, stroke and neurocritical care. In addition, medical crossfire debates, consisting of experts in the field, will provide spirited discussions and debates on a particular clinical issue.

LEARNING OBJECTIVES

As a result of attending this symposium, participants should be able to:

- ▶ Review the current standards of care and emerging therapies for the treatment of acute ischemic stroke, including the use of thrombolytic and endovascular interventions
- ▶ Assess the latest evidence-based strategies for the management of intracerebral hemorrhage and subarachnoid hemorrhage, including medical and surgical interventions
- ▶ Manage complications associated with neurological and neurosurgical emergencies
- ▶ Perform a comprehensive neurological assessment and interpret advanced imaging modalities in the detection of acute stroke
- ▶ Describe the latest advances in neurocritical care monitoring and interventions
- ▶ Analyze the latest research on the pathophysiology, diagnosis, and management of neurological and neurosurgical emergencies, including the use of emerging technologies and therapies

TARGET AUDIENCE

- General and consult neurologists, stroke neurologists, neuro-intensivists
- General, vascular, spine and trauma neurosurgeons
- Pulmonary critical care medicine physicians
- Cardiologists and cardiac surgeons
- Surgical critical care and general/trauma surgeons
- Anesthesiology critical care medicine physicians
- Emergency medicine physicians
- Critical care registered nurses, neuroscience nurses
- Acute care nurse practitioners, physician assistants
- EMTs and paramedics
- Pharmacists
- Physicians and surgeons in training

COURSE DIRECTOR



A handwritten signature in black ink that reads "Kiwon Lee". The signature is fluid and cursive.

Kiwon Lee, MD, FACP, FAHA, FCCM

*Professor of Neurology and Neurosurgery,
Chief of Stroke and Neurocritical Care Division Department of Neurology,
Rutgers Robert Wood Johnson Medical School Chief of Neurology Services,
Director of Comprehensive Stroke Center, Director of Neuro-Intensive Care Unit,
Robert Wood Johnson University Hospital*

GUEST FACULTY SPEAKERS



P. Roc Chen, MD

*Professor and Memorial Hermann Chair
Vice Chair, Cerebrovascular Research
Director of Cerebrovascular and Endovascular
Fellowship Program
Vivian L. Smith Department of Neurosurgery
McGovern Medical School
University of Texas Health Sciences Center Houston*



Tiffany R. Chang, MD

*Associate Professor of Neurosurgery and Neurology
Director of Neurocritical Care Fellowship Program
Vivian L. Smith Department of Neurosurgery
McGovern Medical School, University of Texas Houston*



Tudor G. Jovin, MD

*Professor and Chair of Neurology
Professor of Neurosurgery
Cooper Medical School of Rowan University
Medical Director of Cooper Neurological Institute
Chair and Chief of Neurology
Cooper University Health Care*

RUTGERS ROBERT WOOD JOHNSON MEDICAL SCHOOL AND ROBERT WOOD JOHNSON UNIVERSITY HOSPITAL/RWJBARNABAS HEALTH

Roger C. Cheng, MD

*Assistant Professor of Neurology
Division of Stroke and Neurocritical Care*

Gaurav Gupta, MD

*Associate Professor of Neurology and Neurosurgery
Director of Cerebrovascular and Endovascular Neurosurgery
Department of Neurosurgery*

Ram C. Gowda, MD

*Assistant Professor, of Neurology
Division of Stroke and Neurocritical Care*

Joseph S. Hanna, MD, PhD

*Assistant Professor of Surgery
Interim Associate Chief Quality Officer*

Bhavika Kakadia, DO

*Assistant Professor of Neurology
Division of Stroke and Neurocritical Care*

Kiwon Lee, MD, FACP, FAHA, FCCM

*Professor of Neurology and Neurosurgery
Chief of Stroke and Neurocritical Care Division
Department of Neurology
Chief of Neurology Services
Director of Comprehensive Stroke Center
Director of Neuro-critical Care Unit*

Devayani Mehta, MD

*Associate Professor of Neurology
Associate Program Director, Neurology Residency
Director of Vascular Neurology Fellowship
Division of Stroke and Neurocritical Care*

Emad Nourollah-Zadeh, MD

*Assistant Professor of Neurology
Division of Stroke and Neurocritical Care*

Sudipta Roychowdhury, MD, FACR

*Clinical Professor of Radiology, Neurosurgery & Neurology
Director of Diagnostic and Interventional Neuroradiology
Director of Magnetic Resonance Imaging
University Radiology Group*

Igor Rybinnik, MD

*Associate Professor, Clerkship Director
Division of Stroke and Neurocritical Care
Department of Neurology*

Srihari Sundararajan, MD

*Clinical Assistant Professor of Radiology
Neurointerventional Radiologist
University Radiology Group*

2023 ANNUAL MEETING COMMITTEE

*Kiwon Lee, MD, FACP, FAHA, FCCM
Adam Ganzman, MSN, RN, APN-BC
Kimberly Hollender, MSN, ACNP-BC
Patrick Dwyer, Director of CME
Tiffany Eben, MS, PA-C*

Faculty Disclosure: *The relevant financial relationships of all individuals who affect the content of continuing education activities and any discussion of off-label/investigational uses will be disclosed to the audience at the time of the activity.*

GENERAL INFORMATION

Registration Fees	Early Bird (Through 8/22)	After 8/22
Physician	\$250	\$300
Other Healthcare Professional/Provider	\$175	\$225
RBHS/ RWJBH Faculty/Staff	\$125	\$150
Industry, Hospital Administrators, Non-Medical Providers	\$300	\$350
Resident/ Fellow in Training/Healthcare Student*	Complimentary	\$25

* Registration must be accompanied by program director's letter confirming resident/fellow/student status. Please upload your letter when registering or email it to ccoe@rbhs.rutgers.edu.

Registrants may be asked to furnish documentation confirming their employment status in order to be eligible for a reduced rate. If it is determined that a registrant does not meet the eligibility criteria, the registrant will be required to pay the necessary tuition fee.

Registration fee included continental breakfast, refreshment breaks, lunch, continuing education credits and course materials. Registration for the symposium can only be accepted through our secure online website until **September 19, 2023**. Registration will not be confirmed until payment is received. If payment is not received in time for the activity, Rutgers reserves the right to cancel the registration..

Pre-registration is recommended. On-site registration will be accommodated on a space available basis.

Confirmation

Once registered, you will receive a confirmation message and additional information to assist you with your plans to participate in this activity.

Cancellation/Refund

A full refund, less a \$25 cancellation fee, will be granted if notice is received no later than **September 21, 2023**. Refunds will not be issued for any cancellation received after September 21, 2023 and cannot be given for no shows. To cancel, email your cancellation request to ccoe@rbhs.rutgers.edu.

Course Material

In an effort to provide the most complete materials to attendees and conserve resources, PDF versions of the lecture slides will be made available online to registered attendees. Additional information will be provided in future confirmation communications.

Accreditation

In support of improving patient care, this activity has been planned and implemented by Rutgers Biomedical and Health Sciences and RWJBarnabas Health. Rutgers Biomedical and Health Sciences is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

PHYSICIANS: Rutgers Biomedical and Health Sciences designates that live activity for a maximum of 7.25 AMA PRA Category 1 Credits. Physicians should claim only the credit commensurate with the extent of their participation.

NURSES: This activity is awarded with 7.25 ANCC contact hours. Nurses should claim those contact hours actually spent participating in the activity.

PHYSICIAN ASSISTANTS: Rutgers Biomedical and Health Sciences has been authorized by the American Academy of PAs (AAPA) to award AAPA Category 1 CE credit for activities planned in accordance with AAPA CE Criteria. This activity is designated for 7.25 AAPA Category 1 CE credits. PAs should only claim credit commensurate with the extent of their participation.



Method of Participation

In order to meet the learning objectives and receive continuing education credit, participants are expected to register for the activity, check in at the registration desk, attend the program, and complete the online evaluation at the conclusion of the activity. A CE certificate will be emailed to participants upon completion of the online evaluation.

For any other questions, concerns, or if you require special arrangements to attend this activity, please contact CCOE by email at ccoe@rbhs.rutgers.edu.

Rutgers and RWJBarnabas Health reserve the right to modify program content, faculty and program activities. It also reserves the right to cancel the activity if necessary. If the activity is cancelled, liability is limited to the registration fee.

2023 SYMPOSIUM AGENDA

Friday, September 22, 2023 Agenda

7:00 a.m. **Registration/Continental Breakfast/Exhibits**

7:50 a.m. **Welcome Remarks**
Kiwon Lee, MD

Session 1: Neurosurgery and Intervention

Moderator: Kiwon Lee, MD

8:00 a.m. **Conquering the wide-neck brain aneurysms with newer devices**
Sudipta Roychowdhury, MD

8:20 a.m. **Intervention for acute carotid artery tandem lesions**
Srihari Sundararajan, MD

8:40 a.m. **Middle meningeal artery embolization for subdural hematoma**
Gaurav Gupta, MD

9:00 a.m. **Brain aneurysm surgery: Welcome to 2023**
P. Roc Chen, MD

9:20 a.m. **Thrombectomy for 6 to 24 hours after stroke due to basilar artery occlusion**
Tudor G. Jovin, MD

9:40 a.m. **Panel Discussion / Q&A**

10:05 a.m. **Refreshment Break/Exhibits**

Session 2: Comprehensive Stroke Care

Moderator: Igor Rybinnik, MD

10:25 a.m. **Intervention for large core: When to really do it**
Igor Rybinnik, MD

10:45 a.m. **ICH management: Blood pressure and coagulopathy**
Tiffany Chang, MD

11:05 a.m. **Wake-up stroke, PRISMS, SELECT-2 and TIMELESS**
Deviyani Mehta, MD

11:25 a.m. **Panel Discussion/ Q&A**

11:50 a.m. **Lunch/Exhibits**

Session 3: Special Lectures and Neuroscience Award Presentation

Moderator: Kiwon Lee, MD

12:50 p.m. **Direct transfer to angiosuite triage strategy**
Tudor G. Jovin, MD

1:20 p.m. **Arteriovenous malformation: Opening up the Pandora's box**
P. Roc Chen, MD

1:50 p.m. **Neuroscience award presentation**
Adam Ganzman, MSN, RN, APN-BC

2:00 p.m. **Panel Discussion / Q&A**
Break and Exhibition

2:25 p.m. **Refreshment Break/Exhibits**

Session 4: Critical Care Medicine for Neuro Patients

Moderator: Roger C. Cheng, MD

2:45 p.m. **Shock state management: Get to the basics**
Roger C. Cheng, MD

3:05 p.m. **Rising belly: What to do with this abdominal distention**
Joseph S. Hanna, MD, PhD

3:25 p.m. **Thromboelastography for bleeding patients**
Tiffany R. Chang, MD

3:45 p.m. **State-of-the-art TBI resuscitation: Pressure, oxygen and predictors**
Kiwon Lee, MD

4:05 p.m. **Panel Discussion / Q&A**

4:30 p.m. **Break**

Session 5: Hot Topics in Neurocritical Care

Moderator: Kiwon Lee, MD

4:40 p.m. **Debate 1: Are we really going to do mechanical thrombectomy of ASPECTS less than 6?**
Yes: Bhavika Kakadia, MD
No: Ram C. Gowda, MD

5:00 p.m. **Debate 2: Patient is having flow failure induced L MCA syndrome due to complete occlusion of LICA but open L M1. Do you do emergent angioplasty and stenting?**
Yes: Emad Nourollah-Zadeh, MD
No: Igor Rybinnik, MD

5:20 p.m. **Adjourn**



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For additional information,
visit:

<https://rutgers.cloud-cme.com/2023SNCCSymposium>