

# 2023 RHODE ISLAND STROKE SYMPOSIUM

**FRIDAY, SEPTEMBER 22, 2023**

PROVIDENCE MARRIOTT DOWNTOWN & LIVE STREAMED VIA ZOOM



The Rhode Island Stroke Symposium seeks to integrate the most advanced research and medical knowledge in the treatment of stroke and provide a forum for dissemination of that knowledge. The goals of the program are to provide an update on state-of-the-art acute stroke evaluation treatment as practiced at a Comprehensive Stroke Center and to enhance the care of stroke patients in Rhode Island and the wider New England region.

JOINTLY PROVIDED BY THE  
WARREN ALPERT MEDICAL SCHOOL OF BROWN UNIVERSITY AND THE  
COMPREHENSIVE STROKE CENTER AT RHODE ISLAND HOSPITAL

*IN COLLABORATION WITH*

DEPARTMENT OF NEUROLOGY & NEUROVASCULAR CENTER



Register at: <https://cme-learning.brown.edu/2023-RIStroke>

# 2023 RHODE ISLAND STROKE SYMPOSIUM

## TARGET AUDIENCE

Regional primary care and specialist physicians, including emergency physicians, neurologists, cardiologists, radiologists, surgeons, nurse practitioners, registered nurses, paramedics, pharmacists, physical therapists, occupational therapists, speech therapists, social workers, advanced practice professionals, residents, fellows, medical students and other allied members of the healthcare team.

## LEARNING OBJECTIVES

- Recognize the critical role of EMS and advanced practice professionals in the evaluation and management of large vessel occlusion stroke
- Outline best practices for in-hospital code strokes
- Mitigate in-hospital complications post-stroke
- Apply best practices in the evaluation and management of acute stroke in the emergency department
- Select patients with large core infarcts and mild stroke symptoms suitable for mechanical thrombectomy
- Identify and manage patients with early neurologic deterioration in lacunar stroke

- Describe strategies to enhance the efficacy of intravenous thrombolysis for acute stroke
- Summarize the evolving concept of ESUS (embolic stroke of unknown source)
- Outline the use of cilostazol in secondary stroke prevention
- Discuss the interplay of diet, lifestyle, and brain health
- Identify appropriate timing of when to (re)start anticoagulation after ischemic stroke
- List adjunctive strategies for stroke recovery
- Identify comprehensive rehab practices post-stroke
- Select patients who may benefit from alternatives to long-term anticoagulation for stroke prevention
- Describe the concept of code ICH for initial evaluation and management for intracerebral hemorrhage
- State the latest updates in minimally invasive surgery for intracerebral hemorrhage
- Recognize and manage non-aneurysmal subarachnoid hemorrhage
- Describe latest updates in the management of aneurysmal subarachnoid hemorrhage
- Discuss evaluation and management of patients with unruptured intracranial aneurysms and arterio-venous malformations

1:35-1:50pm

Cognitive rehabilitation in stroke care  
**Lucia Watson, SLP**

1:50-2:05pm

Aphasia post-stroke - a patient perspective  
**Denise Lowell**

2:05-2:20pm

Strategies to enhance stroke recovery-TMS/VNS  
**Claudia Wheeler, DO, FAAPMR**

2:20-2:35pm

Assessing driving readiness after stroke  
**Janet Rivard Michaud, OT/L**

2:35 -2:40pm

Discussion

2:40-2:55pm

**BREAK**

2:55-3:25pm

**KEYNOTE DEBATE 3**

LAA occlusion vs anticoagulation in stroke prevention in AFib  
Pro: **Shadi Yaghi, MD**  
vs Con: **Ashkan Shoamanesh, MD**

3:25-3:40pm

**INTRACRANIAL HEMORRHAGE**  
**TOPIC BLOCK 5**

Code ICH - the golden hour of evaluation and management of intracerebral hemorrhage  
**Christoph Stretz, MD, FAAN**

3:40-3:55pm

Minimally invasive surgery for ICH - who, when and why?  
**Krisztina Moldovan, MD**

3:55-4:10pm

2023 Guideline Updates for the Management of Aneurysmal Subarachnoid Hemorrhage  
**Ali Mahta, MD**

4:10-4:25pm

Evaluation and management of unruptured intracranial aneurysms  
**Curt Doberstein, MD**

4:25-4:40pm

Unruptured AVMs - does the natural history justify treatment?  
**Mahesh Jayaraman, MD**

4:40-4:45pm

Discussion

4:45-5:00pm

**CLOSING REMARKS**

## FRIDAY, SEPTEMBER 22, 2023

8:00-8:05 am **WELCOME & INTRODUCTION**

10:15-10:45am **KEYNOTE DEBATE 1**

**PRE-HOSPITAL AND IN HOSPITAL EVALUATION OF ISCHEMIC STROKE**  
**TOPIC BLOCK 1**

Mechanical Thrombectomy for mild strokes  
Pro: **Eytan Raz, MD, PhD**  
vs Con: **Negar Asdaghi, MD**

8:05-8:20am Redefining the Clinical Roles of EMS and APPs in LVO strokes  
**Katherine Quinn, PA**

**SECONDARY PREVENTION**  
**TOPIC BLOCK 3**

8:20-8:35am In-hospital code strokes  
**Karen Schaefer, MSN, APRN, AGCNS-BC, ASC-BC, FCNS**

10:45-11:00am Should the ESUS construct be retired?  
**James Siegler, MD**

8:35-8:50am Preventing in-hospital complications post-stroke  
**Stephanie Souza, MSN, RN**

11:00-11:15am Cilostazol for secondary stroke prevention  
**Adam de Havenon, MD, MS**

8:50-8:55am Discussion

11:15-11:30 am Diet, lifestyle and brain health  
**Ali Saad, MD**

**ACUTE ISCHEMIC STROKE - ACUTE TREATMENT**  
**TOPIC BLOCK 2**

11:30-11:45am When to (re)start anticoagulation after cardioembolic stroke  
**Tina M Burton, MD**

8:55-9:10am ED evaluation and management of acute ischemic stroke  
**Rebecca Karb, MD, PhD**

11:45-11:50am Discussion

9:10-9:25am How can we improve efficacy of thrombolysis?  
**Karen Furie, MD, MPH**

11:50-12:20pm **Lunch Break**

9:25-9:40am Mechanical thrombectomy for large core infarcts  
**Radmehr Torabi, MD**

12:20-12:50pm **GAME of STROKES**

**Elizabeth Perelstein, MD & Maheen Rana, MD**

9:40-9:55am Early neurologic deterioration in lacunar strokes  
**Eric Goldstein, MD**

12:50-1:20pm **KEYNOTE DEBATE 2**

Anticoagulation for AF detected after stroke  
Pro: **Lee Schwamm, MD**  
vs Con: **Luciano Sposato, MD**

9:55-10:00am Discussion

**STROKE RECOVERY**  
**TOPIC BLOCK 4**

10:00-10:15am **BREAK**

1:20-1:35pm The role of physiatry early after stroke  
**Matthew Reuter, MD**

**5:00-6:00PM MEET AND GREET SOCIAL HOUR, AQUA PATIO (OPTIONAL)**





## COURSE DIRECTORS

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**CONTINUING EDUCATION**

**ACCREDITATION**

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the Warren Alpert Medical School of Brown University and the Comprehensive Stroke Center at Rhode Island Hospital in collaboration with the Department of Neurology and Neurovascular Center. The Warren Alpert Medical School of Brown University is accredited by the ACCME to provide continuing medical education.

**CREDIT DESIGNATIONS**

**PHYSICIANS**

The Warren Alpert Medical School of Brown University designates this live activity for a maximum of 8.0 *AMA PRA Category 1 Credit(s)*™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**PHYSICAL THERAPISTS**

THE APTA RHODE ISLAND HAS APPROVED THE 2023 RI STROKE SYMPOSIUM FOR 8.0 CREDITS.

**NURSES**

The Center for Professional Practice and Innovation is approved as a provider of nursing continuing professional development by the Northeast Multistate Division Education Unit, an accredited approver of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

**PRE-HOSPITAL CONTINUING EDUCATION**

This continuing education activity is approved by the Commission on Accreditation for Pre-Hospital Continuing Education (CAPCE) Course #: 23-BUBM-F1-0922, CEH Number and Type: 8.00 FR. CAPCE represents that this program has met standards for accreditation and does not endorse the opinions or content presented.

For more information, or to register a concern go to:  
<https://www.capce.org/CertificateTrouble/Index>

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CANCELLATIONS MUST BE MADE IN WRITING TO THE BROWN CME OFFICE AT LEAST TWO WEEKS PRIOR TO THE CONFERENCE, NO LATER THAN SEPTEMBER 7, 2023. A \$15.00 ADMINISTRATIVE FEE WILL BE CHARGED FOR ALL REFUNDS (NO REFUNDS FOR "NO SHOWS"). THERE WILL BE NO ADDITIONAL CHARGE FOR SUBSTITUTIONS. THIS CONFERENCE IS SUBJECT TO CHANGE OR CANCELLATION. BROWN CME RESERVES THE RIGHT TO CHANGE THE DELIVERY FORMAT, DELAY, OR CANCEL A COURSE DUE TO ANY UNFORSEEN CIRCUMSTANCES. IN THE EVENT THAT THE PROGRAM IS CANCELED, YOUR REGISTRATION FEE WILL BE REFUNDED

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<https://cme-learning.brown.edu/2023-RIStroke>

REGISTRATION FEES	EARLY BIRD UNTIL 8.20.23	REG FEE AFTER 8.20.23
PHYSICIANS	\$125.00	\$150.00
NURSES, EMS, ALLIED TEAM	\$ 50.00	\$75.00

**RESIDENTS, FELLOWS, MED STUDENTS FREE WITH COUPON CODE\***

\*A SELECT NUMBER OF COMPLIMENTARY SEATS ARE RESERVED FOR BROWN UNIVERSITY FELLOWS, RESIDENTS AND STUDENTS ON A FIRST COME, FIRST SERVED BASIS. PLEASE CONTACT MICHELLE KING FOR INSTRUCTIONS ON HOW TO REGISTER:  
**PH: (401) 863-5254 OR MICHELLE\_KING2@BROWN.EDU**

**VENUE**

PROVIDENCE MARRIOTT DOWNTOWN  
1 ORMS STREET, PROVIDENCE, RI 02904  
(LOCATED BEHIND THE STATE HOUSE)  
P 401.272.2400 | D.401.553.0433

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THE COST OF PARKING IS COVERED IN THE REGISTRATION FEE, HOWEVER, TO AVOID A FEE, YOU WILL NEED TO VALIDATE YOUR LICENSE PLATE SO THE HOTEL KNOWS YOU ARE ASSOCIATED AS A GUEST OF THE SYMPOSIUM. THIS IS DONE BY SCANNING A QR CODE AND ENTERING YOUR LICENSE PLATE AND PARKING CODE BELOW. SIGNS WITH QR CODES ARE PLACED THROUGHOUT THE PARKING LOT AND WE WILL ALSO DOUBLE CHECK YOU HAVE COMPLETED THIS IMPORTANT STEP AT THE REGISTRATION DESK. THE PARKING CODE FOR THE DAY WILL BE PROVIDED TO YOU IN THE CONFIRMATION EMAIL AND SUBSEQUENT REMINDER EMAILS ONCE REGISTRATION IS COMPLETE.

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**FOR MORE INFORMATION**

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