

# RHODE ISLAND STROKE SYMPOSIUM

**FRIDAY, SEPTEMBER 17, 2021**

A LIVE VIRTUAL EVENT



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 by advanced practice professionals, stroke neurologists and registered nurses at Rhode Island Hospital. The goals of the program are to provide an update on state-of-the-art acute stroke 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.

**PROVIDED BY**

**WARREN ALPERT MEDICAL SCHOOL OF BROWN UNIVERSITY**

*IN COLLABORATION WITH*

**DEPARTMENT OF NEUROLOGY & NEUROVASCULAR CENTER  
AND THE COMPREHENSIVE STROKE CENTER AT RHODE ISLAND HOSPITAL**



**Comprehensive Stroke Center**  
Rhode Island Hospital  
*Lifespan. Delivering health with care.®*

**Register at: [cme-learning.brown.edu/RIStroke](https://cme-learning.brown.edu/RIStroke)**

# 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

- Identify key factors to ensure rapid recognition, triage and care of patients with stroke
- Recognize the role of the advanced practice professional in the assessment and treatment of acute stroke
- Understand indications and contraindications for the use of intravenous thrombolysis
- Identify indications and contraindications to mechanical thrombectomy for large vessel occlusion
- Select patients on direct oral anticoagulants (DOACs) who may benefit from intravenous thrombolysis
- Describe current practices of secondary stroke prevention based on guidelines
- Identify and manage patients with cryptogenic stroke
- Recognize disparities in stroke care and recognize factors that can be addressed to improve equity in stroke care
- Select patients who benefit from PFO closure for secondary stroke prevention
- Understand the role of carotid revascularization for secondary stroke prevention
- Learn about Covid 19 and vaccine-related neurovascular complications
- Identify current treatment practices for patients with cervical artery dissection
- Describe advances in the emergent care of patients with intracerebral hemorrhage and subarachnoid hemorrhage
- Learn about updates in the management of intracranial aneurysms
- Identify factors to consider in the decision whether to restart or not restart anticoagulation following intracerebral hemorrhage
- Recognize and appropriately triage patients for post-stroke rehab therapies, including management of post-stroke spasticity

## FRIDAY, SEPTEMBER 17, 2021

8:00-8:05 am	<b>Welcome &amp; Introduction</b>	11:40-12:00	<b>Management of Cervical Artery Dissection</b> Elizabeth Perelstein, MD
8:05-8:20	<b>The Role of Emergency Medical Services in a Stroke Pathway of Care</b> Captain John H. Potvin, BS, NRP, EMS I/C	12:00-12:30	<b>Update on 2021 Secondary Stroke Prevention Guidelines</b> Karen Furie, MD, MPH
8:20-8:35	<b>Code Stroke Pathway at RI Hospital</b> Gino Paolucci, MSN, NRP	12:30-1:00	<b>A More Personalized Approach to Stroke Care: the Role of Sex and Gender</b> Tracy Madsen, MD, PhD, FAHA, FACEP
8:35-8:50	<b>Time is Brain</b> Karen Schaefer, MSN, APRN, AGCNS-BC, ASC-BC, FCNS	1:00-1:30	<b>Lunch Break</b>
8:50-9:05	<b>Stroke Nursing Education</b> Jo-Ann Sarafin, MS, APRN, CNP, FNP-BC, SCRNP, CDOE	1:30-2:00	<b>Debate II: TCAR vs CEA for Carotid Artery Disease</b> TCAR - Radmehr Torabi, MD CEA - Curt Doberstein, MD
9:05-9:25	<b>Update on Thrombolytic Therapy</b> Shawna Cutting, MD, MS, FAAN	2:00-2:20	<b>Emergency Management of SAH</b> Ali Mahta, MD
9:25-9:45	<b>Update on LVO Management</b> Mahesh Jayaraman, MD	2:20-2:40	<b>Emergency Management of ICH</b> Michael Reznik, MD
9:45-10:00	<b>Break</b>	2:40-3:00	<b>Updates on Management of Aneurysms</b> Krisztina Moldovan, MD
10:00-10:30	<b>Debate I: IV Thrombolysis in Patients on DOAC</b> Pro - PD Dr. med. David Seiffge Con- Joshua Wiley, MD	3:00-3:30	<b>Debate III</b> <b>To Restart or Not : Anticoagulation After ICH</b> Pro - Jennifer Frontera, MD Con - Matthew Schrag, MD, PhD
10:30-10:55	<b>Cryptogenic Stroke</b> Tina M. Burton, MD	3:30 -3: 45	<b>Break</b>
10:55-11:20	<b>PFO Closure After Ischemic Stroke: Who &amp; When to Close</b> Paul Gordon, MD	3:45 - 4:05	<b>Management of post-stroke spasticity</b> Zachary Bohart, MD, MS
11:20-11:40	<b>Covid 19 &amp; Vaccine-related Neurovascular Complications</b> Sleiman El Jamal, MD	4:05 - 4:30	<b>Post-stroke rehabilitation</b> Claudia Wheeler, DO
		4:30 - 5:00 pm	<b>Closing Remarks &amp; Discussion</b> Christoph Stretz, MD Shadi Yaghi, MD

# SYMPOSIUM FACULTY

## COURSE DIRECTORS

### **Christoph Stretz, MD**

Assistant Professor of Neurology  
Warren Alpert School of Medicine of Brown University  
Neurologist, Divisions of Vascular Neurology & Neurocritical Care  
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### **Shadi Yaghi, MD**

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## FACULTY

### **Zachary Bohart, MD, MS**

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Physical Medicine and Rehabilitation Specialist  
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### **Tina M. Burton, MD**

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### **Shawna Cutting, MD, MS, FAAN**

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### **Curt Doberstein, MD**

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### **Jennifer Frontera, MD**

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Neurologist, NYU Langone Hospital  
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### **Karen Furie, MD, MPH**

Samuel I. Kennison, MD & Bertha S. Kennison Professor of  
Clinical Neuroscience  
Chair, Department of Neurology  
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Chief of Neurology  
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### **Mahesh V. Jayaraman, MD**

Professor of Diagnostic Imaging, Neurology & Neurosurgery  
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Director, Neurovascular Center  
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### **Tracy Madsen, MD, PhD, FAHA, FACEP**

Assistant Professor of Emergency Medicine  
Warren Alpert Medical School of Brown University  
Co-Director, Comprehensive Stroke Center  
Director, Acute Stroke Services, Department Emergency Medicine  
Associate Director, Division of Sex and Gender in Emergency  
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### **Ali Mahta, MD**

Assistant Professor of Neurology & Neurosurgery  
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### **Krisztina Moldovan, MD**

Cerebrovascular Neurosurgeon  
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### **Gino A. Paolucci, MSN, NP, NRP**

Lead Advanced Practice Provider  
Dept. of Interventional Neuroradiology & Vascular Neurology  
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Providence, Rhode Island

### **Elizabeth M. Perelstein, MD**

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Warren Alpert Medical School of Brown University  
Vascular Neurologist  
Rhode Island Hospital, Providence, RI

### **Captain John H. Potvin, BS, NRP, EMS I/C**

Director of Emergency Medical Services  
Deputy Emergency Management Director  
East Providence Fire Department

# REGISTRATION & CME ACCREDITATION

## FACULTY CONTINUED

### Michael E. Reznik, MD

Assistant Professor of Neurology & Neurosurgery  
Warren Alpert Medical School of Brown University  
Neurology, Division of Neurocritical Care  
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### Jo-Ann M. Sarafin, MS, APRN, CNP, FNP-BC, SCRNP, CDOE

Stroke Program Manager, Comprehensive Stroke Center  
Rhode Island Hospital

### Karen Schaefer, MSN, APRN, AGCNS-BC, ASC-BC, FCNS

Stroke Program Manager  
The Miriam Hospital and Newport Hospital  
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### Matthew Schrag, MD, PhD

Assistant Professor of Neurology  
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Director, Cerebral Amyloid Angiopathy Clinic  
Vanderbilt University Medical Center  
Nashville, TN

### PD Dr. med. David Seiffge

Assistant Professor  
Head Neuro Clinical Trial Unit and Vice Head Stroke Unit  
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Inselspital University Hospital Bern  
Switzerland

### Radmehr Torabi, MD

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Director of Endovascular Neurosurgery Program  
Director of Cerebrovascular Surgery & Endovascular Neurosurgery Outcomes Laboratory, Lifespan Health System

### Claudia A. Wheeler, DO, FAAPMR

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Medical Director, Outpatient Rehabilitation Services  
Rhode Island Hospital & The Miriam Hospital

### Joshua Willey, MD

Associate Professor of Neurology  
Columbia University Medical Center  
Attending Neurologist, Stroke Service  
New York-Presbyterian Hospital, New York, New York

## PLANNING COMMITTEE

### Comprehensive Stroke Center

Nakeesha Brown  
Melissa Harmon, RN, MSN  
Jo-Ann Sarafin, MS, APRN, CNP, FNP-BC, SCRNP, CDOE

### Office of CME, Warren Alpert Medical School

Jennifer Maloney  
Maria Sullivan

## REGISTRATION FEES

\$50.00 Physicians  
\$25.00 Other Healthcare Professionals

## ADA STATEMENT

Please notify the Brown CME Office in writing at least two weeks prior to the virtual symposium to request reasonable accommodations.

## FOR MORE INFORMATION

Contact the Brown CME Office  
Ph: 401.863.3337 | Email: CME@Brown.edu

## CME ACCREDITATION

The Warren Alpert Medical School of Brown University is accredited by the ACCME to provide continuing medical education for physicians.

## CME CREDIT DESIGNATION

**Physicians:** The Warren Alpert Medical School of Brown University designates this live activity for a maximum of 8.0 *AMA PRA Category 1 Credits*<sup>TM</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

## NURSING CPD

This nursing continuing professional development activity was approved by the Rhode Island State Nurses Association, an accredited approver by the American Credentialing Center's Commission on Accreditation.

The Rhode Island State Nurses Association has approved this activity for 7.0 contact hours.

## Emergency Medical Services

The Rhode Island Department of Health has approved the symposium for 8 Continuing Education Hours.

## Other Health Care Professionals:

Participants will receive a Certificate of Attendance stating this program is designated for 8.0 hours of *AMA PRA Category 1 Credits*<sup>TM</sup>. This credit is accepted by the AAPA and AANP.

## COMPETENCY AREAS

**ABMS** | Professionalism; Patient Care & Procedural Skills; Medical Knowledge; Practice-based learning; Systems-based Practice

**IOM** | Provide Patient-centered-care; Work in Interdisciplinary Teams; Employ Evidence-based Practice; Apply Quality Improvement