

## Course Description

The Westchester Neurovascular Symposium is a day-long conference designed to address topics in the rapidly evolving fields of neurovascular surgery and vascular neurology. The subject matter will include management of three separate categories of disease: Acute ischemic stroke; cerebral aneurysms; cerebral hemorrhage/AVMs. Experts in the management of these disease processes will deliver lectures on the latest developments and guidelines. Presentations will be both didactic and interactive, and case discussions will be included.

## Learning objectives

The purpose of the Westchester Neurovascular Symposium is to provide education on the management of ischemic and hemorrhagic stroke. Experts from the fields of Neurosurgery, Neurology, and Radiology will participate. Our aim is to offer a platform for health professionals in the Lower Hudson Valley — and beyond — to share ideas on complex neurovascular pathology.

Upon completion of this CME activity, participants should be able to:

Discuss strategies for improving rapid access to care for stroke victims.

Understand the process for evaluating and treating stroke patients with delayed presentation.

Recognize imaging findings in the triage of acute stroke.

Understand medical and surgical management of cerebral hemorrhage.

Discuss medical and operative management strategies for ruptured and unruptured brain AVMs.

Recognize new developments in endovascular devices used to treat aneurysms and stroke.

Discuss endovascular and surgical technique for the treatment of complex aneurysms.

## Target Audience

This day-long educational program is designed for health professionals who take care of patients with cerebrovascular disease. Neurologists, neurosurgeons, radiologists, ER physicians, internists, physician assistants, nurse practitioners, nurses, and others involved in stroke care will benefit from the presentations and case discussions.

## About the WMCHHealth Brain and Spine Institute

The WMCHHealth Brain and Spine Institute compassionately provides the very best neurosurgical care for the Hudson River Valley — and through innovation and growth, is transforming local healthcare. Its steadfast focus on leading-edge diagnoses, treatment and aftercare seamlessly blend exceptional medical expertise, state-of-the-art technology and a trusted, unwavering commitment to patients' comfort and well-being. The WMCHHealth Brain and Spine Institute's broad-based excellence centers on spine surgery; brain, spine and spinal-cord tumors; skull base surgery; stroke; aneurysms; endovascular surgery; neurosurgery for pain, Parkinson's disease and epilepsy; nerve surgery; trauma; and critical care. The Institute also is passionately committed to training the next generation of neurosurgeons. Its collaborations with world-class clinicians spearhead pace-setting, life-saving research. Visit [WestchesterMedicalCenter.com/wmc/brain-and-spine-institute.aspx](http://WestchesterMedicalCenter.com/wmc/brain-and-spine-institute.aspx)



Westchester Medical Center  
100 Woods Road  
Valhalla, NY 10595

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# Westchester Neurovascular Symposium Advances in Stroke Care

*A one-day continuing medical education program*

**Friday, November 15, 2019 / 7 a.m. – 4 p.m.**  
Westchester Medical Center  
Taylor Conference Center, Valhalla, NY

For information or questions,  
please email [Conferences@WMCHHealth.org](mailto:Conferences@WMCHHealth.org),  
call 914.493.5216  
or visit [WestchesterMedicalCenter.com/cme](http://WestchesterMedicalCenter.com/cme)



**Save the Date**

**Friday, November 15, 2019 / 7 a.m. – 4 p.m.**  
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## Westchester Neurovascular Symposium Advances in Stroke Care

Course Directors:

**Justin Santarelli, MD**  
Attending Physician  
Assistant Professor of Neurosurgery,  
Neurology and Radiology,  
New York Medical College

**Ramandeep Sahni, MD**  
Stroke Director,  
Westchester Medical Center  
Clinical Associate Professor  
of Neurology,  
New York Medical College

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# Westchester Neurovascular Symposium

## Advances in Stroke Care

### Course Directors

#### Justin Santarelli, MD

Attending Physician, Westchester Medical Center  
Assistant Professor of Neurosurgery, Neurology  
and Radiology, New York Medical College

#### Ramandeep Sahni, MD

Director, Stroke Program,  
Westchester Medical Center  
Clinical Associate Professor of Neurology,  
New York Medical College

### Faculty

#### Fawaz Al-Mufti, MD

Director of Neurological Research,  
Westchester Medical Center  
Assistant Professor of Neurosurgery Neurology  
and Radiology, New York Medical College

#### Christian Bowers, MD

Attending Physician, Westchester Medical Center  
Assistant Professor, Neurosurgery  
New York Medical College

#### Chad Cole, MD

Surgical Director, Neurocritical care,  
Westchester Medical Center  
Assistant Professor, Neurosurgery  
New York Medical College

#### Chirag Gandhi, MD

Director, Neurovascular Surgery  
Professor, Neurosurgery  
New York Medical College

#### Koto Ishida, MD (Guest Speaker)

Medical Director of Stroke, NYU Langone Health  
Assistant Professor, Neurology  
New York University, New York, NY

#### Pascal Jabbour, MD (Guest Speaker)

Chief, Division of Neurovascular and  
Endovascular Neurosurgery  
Professor, Neurosurgery  
Thomas Jefferson University Hospitals  
Philadelphia, PA

#### Gurmeen Kaur, MD

Clinical Fellow, Neurology and Neurosurgery  
New York Medical College

#### Christeena Kurian, MD

Attending Physician, Westchester Medical Center  
Assistant Professor, Neurology  
New York Medical College

#### Ryan McTaggart, MD (Guest Speaker)

Director of Neuroradiology, Rhode Island Hospital  
Associate Professor, Diagnostic Imaging  
Neurology and Neurosurgery  
Brown University  
Providence, RI

#### Hasit Mehta, MD

Section Chief, Neuroradiology  
Associate Professor, Radiology Neurosurgery and  
Neurology  
New York Medical College

#### Aman B. Patel, MD (Guest Speaker)

Director of Cerebrovascular and  
Endovascular Neurosurgery  
Massachusetts General Hospital  
Harvard Medical School  
Boston, MA

### Agenda Friday, November 15, 2019

7 a.m.	Registration, Breakfast
7:50 a.m.	Welcome
<b>SESSION 1 AVM and Cerebral hemorrhage</b>	
8 - 8:20 a.m.	<b>Assessment of the Patient with Intracerebral Hemorrhage</b> / Christeena Kurian, MD
8:20 - 8:40 a.m.	<b>Minimally Invasive Treatment Options for Managing Intracerebral Hemorrhage</b> Christian Bowers, MD
8:40 - 9:15 a.m.	<b>Decision-Making for Patients with Unruptured Brain AVMs</b> / Chirag Gandhi, MD
9:15 - 9:45 a.m.	<b>Multimodality Management of Brain AVM</b> / Pascal Jabbour, MD
9:45 a.m.	Case Presentations
10 - 10:15 a.m.	Break and Vendor Exhibits
<b>SESSION 2 Acute Stroke intervention</b>	
10:15 - 10:45 a.m.	<b>Pfo Closure in Cryptogenic Stroke</b> / Koto Ishida, MD
10:45 - 11:15 a.m.	<b>Time to Wake Up: Evaluation and Management of Stroke of Unknown Time of Onset</b> Ramandeep Sahni, MD
11:15 - 11:40 a.m.	<b>Advanced Imaging in Stroke</b> / Hasit Mehta, MD
11:40 - 12:10 p.m.	<b>Delivering the Cure for Elvo Stroke: Improving Access and Eliminating Bottlenecks in the Little State that Could</b> / Ryan McTaggart, MD
12:10 - 1 p.m.	<b>Atypical Case Presentations Requiring Acute Stroke Intervention</b> / Gurmeen Kaur, MD
1 - 1:30 p.m.	Lunch and Vendor Exhibits
<b>SESSION 3 Aneurysm Management</b>	
1:30 - 2 p.m.	<b>Small Aneurysms in the Outpatient Setting; To Treat or Not To Treat: What is on the horizon?</b> / Fawaz Al-Mufti, MD
2 - 2:30 p.m.	<b>Optimizing the Management of the Critically ill Patient with SAH</b> / Chad Cole, MD
2:30 - 3:15 p.m.	<b>Endovascular Management of Atypical Ruptured Aneurysms, and Case Presentations</b> / Justin Santarelli, MD
3:15 - 4 p.m.	<b>Aneurysm Clipping in the Endovascular Age</b> / Aman Patel, MD
4 p.m.	Adjourn

### Venue Information

Westchester Medical Center  
Taylor Conference Center  
100 Woods Road  
Valhalla, NY 10595

### Registration Information

Physicians:	\$100
Industry Professionals:	\$100
Nursing, Physician Assistants, Technicians:	\$50
Fellows, Residents, Students:	Free

### Online Registration

Please visit our website at  
[WestchesterMedicalCenter.com/CME](http://WestchesterMedicalCenter.com/CME)  
for registration and payment.

### Online Registration Deadline

Register online by November 9, 2019;  
walk-in registration will be available the day  
of conference.

### Information

For information or questions, please  
contact Westchester Medical Center Conferences  
at [Conferences@WMCHHealth.org](mailto:Conferences@WMCHHealth.org)  
or call **914.493.5756**.

### Cancellation Policy

**Full refunds are available prior to November 1, 2019.** After this date, you may send an alternate to the event without additional charge. To request a cancellation or to make a change to the registration record, please send an email to [Conferences@WMCHHealth.org](mailto:Conferences@WMCHHealth.org) or call **914.493.5756**.

### CME Accreditation Statement

New York Medical College is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

New York Medical College designates this Live activity for a maximum of *7.25 AMA PRA Category 1 Credit™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

### Disclosure Statement

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