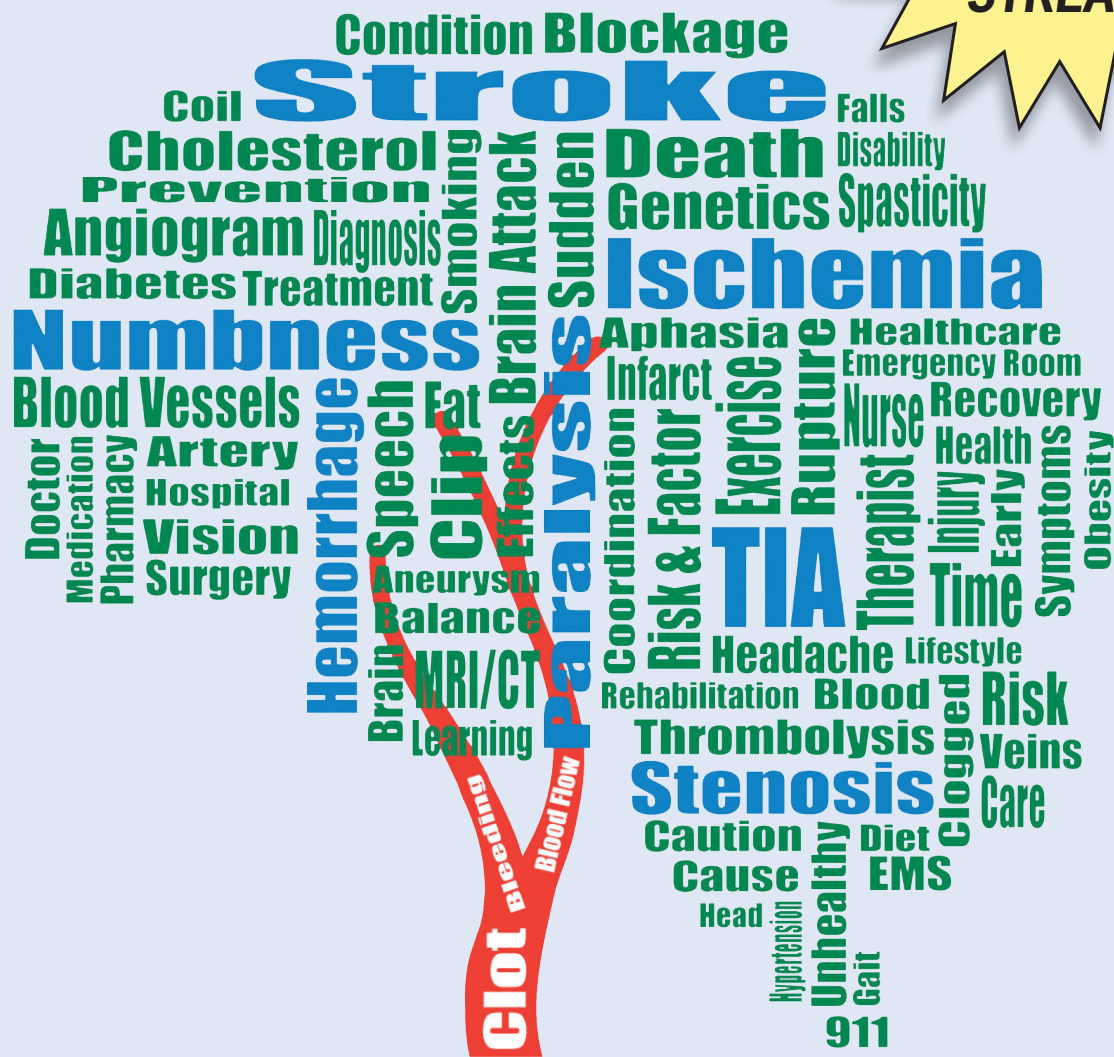


# 15th Annual Practical Management of Stroke

Friday September 22, 2023

Corporate College East | Warrensville Heights, Ohio

**ATTEND  
IN PERSON  
OR LIVE  
STREAM**



Register today! [www.ccfcmc.org/strokemgmt](http://www.ccfcmc.org/strokemgmt)

## Cleveland Clinic Symposium Directors

**Andrew Russman, DO, FAHA, FAAN**  
Cerebrovascular Center

**Ken Uchino, MD, FAHA, FANA**  
Cerebrovascular Center

## Keynote Speaker

**Mike Sharma, MD, MSc, FRCPC**  
Population Health Research Institute  
Hamilton, Ontario, Canada

## Cleveland Clinic Symposium Faculty

**Deneen Abston, MSN, APRN, CNP**  
Physical Medicine & Rehabilitation

**Rodica Di Lorenzo, MD**  
Cerebrovascular Center

**Edward S. Hawkins, MD**  
Emergency Department

**Ryan Heaney, MD**  
Emergency Department

**Juliet Hou, MD**  
Physical Medicine and Rehabilitation

**Randy Karim, PT, DPT, NCS, CBIS**  
Physical Therapy

**G. Abbas Kharal, MD, MPH**  
Cerebrovascular Center

**Nicholas Kwolek, BSN, RN**  
Nursing Institute

**Lisa Lystad, MD**  
Ophthalmology

**Lauren Morse, SLP**  
Speech/Language Pathology

**Amre Nouh, MD, MBA**  
Cleveland Clinic Florida

**Amy Raubenolt, MD**  
Emergency Department

**Courtney Schillinger, PT, DPT**  
Physical Therapy

**Virginia Sullivan, OTD, OTR/L**  
Occupational Therapy

**Dolora Wisco, MD**  
Cerebrovascular Center

## Planning Committee Members

**Ana Botero, BSN, RN**

**Dena Brown, MSN, RN, SCRNP, CMSRN**

**Deborah Bryer, MSN, RN, CNL, CCRN**

**Maureen Buttrick, BSN, RN**

**Kathleen Chambers, MSN, RN, SCRNP**

**Sara Deskin, MSN, CNP**

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**Christine Harrington, MSN, MBA, RN**

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**Heather Kravitz, OTD, OTR/L, CNS**

**Melissa Richardson, MSN, RN, SCRNP**

**Nicole Smith, PA-C, MPAS**

**Sandra Smith, BSN, RN, CMSRN, SCRNP**

**Lisa Underation, MBA, BSN, RN, SCRNP**

**John-Paul Whitman, CNP**

## Overview

**More than 795,000 strokes occur each year in the US, either new or recurrent, and they cause significant morbidity and mortality.**

Approximately 1 of every 20 deaths is caused by stroke, making it the fifth leading cause of death in this country, after heart attack, cancer, respiratory disease, and injuries.

Stroke is preventable on many levels, both medical and lifestyle. Given the significant morbidity and mortality associated with acute stroke and the growing number of stroke survivors, education aimed at improving the knowledge and competence of practitioners to assess, diagnose, and treat this disorder in a timely manner has the potential to substantially improve outcomes in this large patient population.

## Target Audience

This educational activity is intended for neurologists, emergency medicine physicians, neurosurgeons, primary care physicians, residents, fellows, nurse practitioners, nurses, physician assistants, speech therapists, physical therapists, occupational therapists and allied health professionals.

## Learning Objectives

After completing this educational activity, participants will be able to do the following:

- Cite the evidence supporting cholesterol management as a preventive measure after stroke and review the drug selection process.
- Select the most appropriate antithrombotic therapy based on their pharmacologic profiles, benefits, and risks in individual patients.
- Review the causes, diagnosis, and treatment of cerebral venous thrombosis as well as prevention and follow-up measures.
- Describe the role of inflammation in the pathogenesis of stroke and its potential role as a therapeutic target.
- Summarize components of appropriate stroke rehabilitation and interdisciplinary discharge planning and describe their impact on stroke survivor outcomes.
- Recognize the signs and symptoms of optic nerve damage associated with occlusion and describe appropriate treatment protocols.
- Critically review the evidence supporting brain rewiring techniques and describe their implications for clinical practice.
- Describe how to recognize, diagnose, and treat acute stroke cases in the emergency department

## 15th Annual Practical Management of Stroke

<b>7:00 AM</b>	<b>Continental Breakfast/Exhibits/Registration/Sign on</b>
<b>7:15 AM</b>	<b>Opening Remarks</b> <i>Andrew Russman, Ken Uchino</i>
<b>7:20 AM</b>	<b>Cholesterol Management After Stroke</b> <i>Rodica Di Lorenzo</i>
<b>8:00 AM</b>	<b>Keynote: Optimizing Antithrombotic Therapy for Stroke Prevention</b> <i>Mike Sharma</i>
<b>9:00 AM</b>	<b>Cerebral Venous Thrombosis</b> <i>Amre Nouh</i>
<b>9:40 AM</b>	<b>Break/Exhibits</b>
<b>9:55 AM</b>	<b>Inflammatory Causes of Stroke</b> <i>G. Abbas Kharal</i>
<b>10:35 AM</b>	<b>Stroke Survivor Panel</b> <i>Cleveland Clinic patients</i>
<b>11:35 AM</b>	<b>Break/Exhibits/Lunch</b>
<b>12:05 PM</b>	<b>Interdisciplinary Approach to Discharge Planning for a Patient with Stroke</b> <i>Deneen Abston</i> <i>Juliet Hou</i> <i>Nicholas Kwolek</i> <i>Lauren Morse</i> <i>Courtney Schillinger</i> <i>Virginia Sullivan</i> <i>Dolora Wisco</i>
<b>1:05 PM</b>	<b>Ophthalmology and Stroke-Optic nerve</b> <i>Lisa Lystad</i>
<b>1:45 PM</b>	<b>Setting the Tone for Stroke Rehabilitation</b> <i>Juliet Hou</i>
<b>2:25 PM</b>	<b>Break/Exhibits</b>
<b>2:40 PM</b>	<b>Rewiring The Brain After Stroke</b> <i>Randy Karim</i>
<b>3:20 PM</b>	<b>Emergency Department Acute Stroke Case Studies</b> <i>Eddy Hawkins, Ryan Heaney, Amy Raubenolt</i>
<b>4:20 PM</b>	<b>Adjourn</b>

*All presentations include a 5-minute question and answer period.*

## General Information



## Location

### Corporate College East

4400 Richmond Rd.  
Warrensville Heights, OH 44128  
Phone: 216.987.2800

## Hotel

### Recommended Hotels in the Area.

When you contact one of the hotels below, please mention that you are attending a Cleveland Clinic meeting at Corporate College East and would like the special rate.

#### Aloft Beachwood

1010 Eaton Blvd  
Beachwood, OH  
216.595.0900

#### Cleveland Marriott East

26300 Harvard Road  
Warrensville Heights, OH  
216.378.9191

## Information

For further information about this activity, contact Shana Spade at

Phone: **216.444.9380**

Email: **spades@ccf.org**

## Health & Safety

As participants are responsible for their own health choices, the use of masks by all participants at this event is optional. Additionally, attendees are not required to verify vaccination status nor to provide a negative COVID-19 test for entry. Please note this is subject to change based on the most recent status of CDC, local and/or state guidelines.

## Faculty Disclosure Statement

The Cleveland Clinic Center for Continuing Education has implemented a policy to comply with the current Accreditation Council for Continuing Medical Education Standards for Integrity and Independence requiring mitigation of all faculty conflicts of interest. Faculty declaring a relevant financial relationship will be identified in the activity syllabus.

## Americans with Disabilities Act

The Cleveland Clinic Center for Continuing Education fully intends to comply with the legal requirements of the Americans with Disabilities Act. If you need assistance, please notify Shana Spade at 216.444.9380 at least two weeks prior to the activity.

## Accreditation

In support of improving patient care, Cleveland Clinic Center for Continuing Education 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.

### American Medical Association (AMA)

Cleveland Clinic Center for Continuing Education designates this live activity for a maximum of 8.00 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Participants claiming CME credit from this activity may submit the credit hours to the American Osteopathic Association for Category 2 credit.

### American Nurses Credentialing Center (ANCC)

Cleveland Clinic Center for Continuing Education designates this live activity for a maximum of 8.00 ANCC contact hours.

### American Academy of PAs (AAPA)

Cleveland Clinic Center for Continuing Education has been authorized by the American Academy of PAs (AAPA) to award AAPA Category 1 CME credit for activities planned in accordance with AAPA CME Criteria. This activity is designated for 8.00 AAPA Category 1 CME credits. PAs should only claim credit commensurate with the extent of their participation.

### American Board of Surgery (ABS)

Successful completion of this CME activity, which includes participation in the evaluation component, enables the learner to earn credit toward the of the American Board of Surgery's Continuous Certification program. It is the CME activity provider's responsibility to submit learner completion information to ACCME for the purpose of granting ABS credit.

### Certificate of Participation

A certificate of participation will be provided to other health care professionals for requesting credits in accordance with

- This program provides 8.0 hrs. of stroke-specific CME, as is required with Stroke Certification.
- Physical Therapy – Application of credit has been filed with the (OPTA) Ohio Physical Therapy Association for Physical Therapy credits. DETERMINATION OF CREDITS IS PENDING.
- Occupational Therapy – Application of credit has been filed with the (OTPTAT) Board for Occupational Therapy credits. DETERMINATION OF CREDITS IS PENDING.

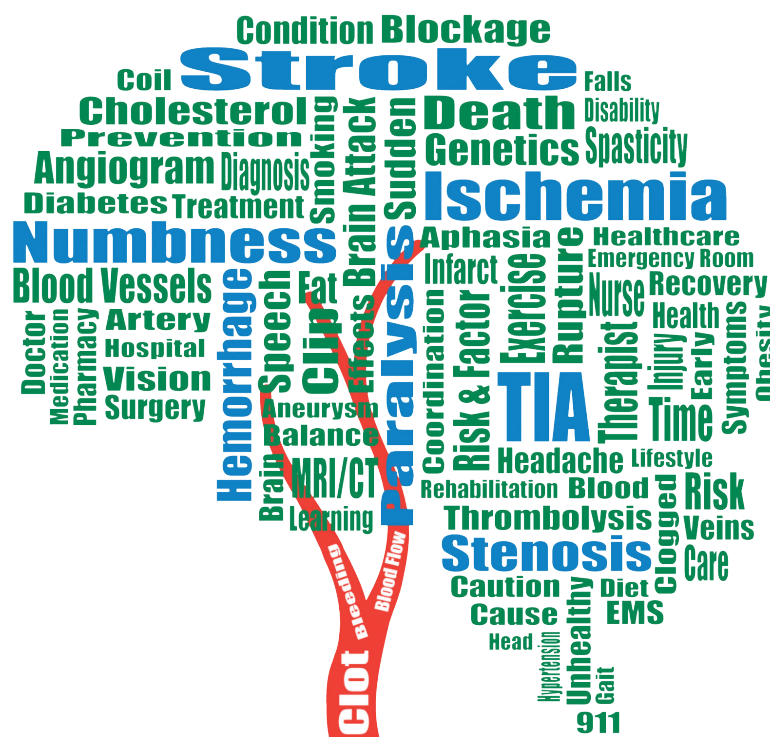
15th Annual

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## Registration and Cancellation

Preregistrations are accepted online until 5:00 PM ET, September 18, 2023. In case of cancellation, a full refund will be made if canceled by September 11, 2023. After September 11, 2023, a \$25 cancellation fee will be deducted from your refund. Email notification of your cancellation is required in order to process your refund. **NO REFUNDS WILL BE ISSUED AFTER SEPTEMBER 22, 2023.**

For questions about registration, call 216.448.8710 or email [cmeregistration@ccf.org](mailto:cmeregistration@ccf.org)

**Register here: [www.ccfcmec.org/strokemgmt](http://www.ccfcmec.org/strokemgmt)**

**In Person Fee includes:** Continental breakfast, refreshment breaks, lunch and faculty PowerPoint presentations in PDF format.

**Virtual Fee includes:** Access to webinar and faculty PowerPoint presentations in PDF format.

	In Person	Virtual
Physicians	\$129	\$129
Residents*/Fellows*	\$79	\$0
Non-Physicians	\$89	\$89

\*Letter from program director is required to receive the discounted fee.

Cleveland Clinic employee fees and registration are available online only.

*Cleveland Clinic Center for Continuing Education reserves the right to cancel or postpone an activity at our sole discretion. In the unlikely event that this occurs, any registration fee(s) paid will be refunded. Be advised that Cleveland Clinic is not responsible for related costs including airline tickets, hotel costs, or any similar fee penalties incurred as a result of any activity cancellations or changes.*