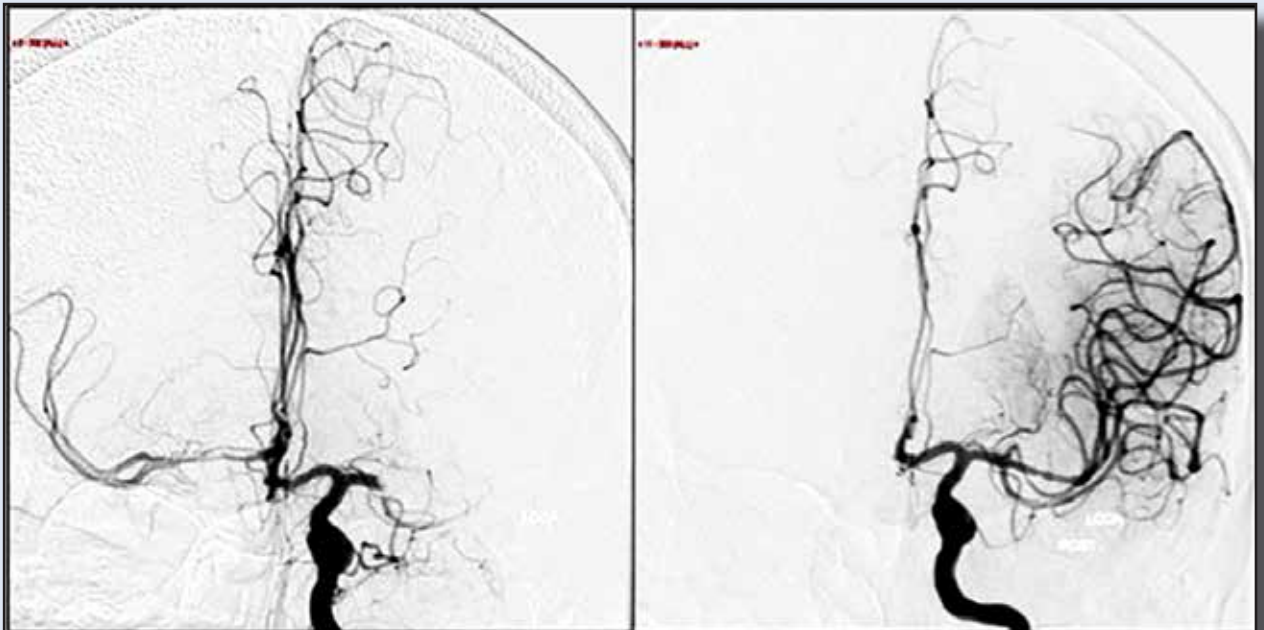


8th Annual

Practical Management of Acute Stroke: *Fast and Furious Stroke Care*

Friday, September 23, 2016

Embassy Suites Cleveland-Rockside
5800 Rockside Woods Blvd.
Independence, Ohio



Symposium Directors

Peter Rasmussen, MD

Cleveland Clinic Cerebrovascular Center

M. Shazam Hussain, MD

Cleveland Clinic Cerebrovascular Center

Keynote Speaker

Michael T. Lawton, MD

University of California, San Francisco

Guest Faculty

Pravin George, MD

Fellow, Johns Hopkins

Cleveland Clinic Symposium Faculty

Sam Bayoumy, PT

Cleveland Clinic Rehabilitation Hospital, Avon

Maureen Buttrick, RN*

Cerebrovascular Center

Travis Gullett, MD

Emergency Medicine

Stephen Hantus, MD

Epilepsy Center

Zeshaun Khawaja, MD

Cerebrovascular Center

Matthew Lashutka, MD

Emergency Medicine

Tina Resser, MSN, ACNP-BC, FNP-BC

Cerebrovascular Center

Andrew Russman, DO

Cerebrovascular Center

Emily St. Julian, MA

Speech Therapy

Michael Stoltz, NP

Cerebrovascular Center

Brian Summers, NRP, EI

Emergency Services

Jayshree Sundararajan, MD*

Regional Neurosciences Center

Ather Taqui, MD

Cerebrovascular Center

Ken Uchino, MD*

Cerebrovascular Center

Planning Committee Members*

Dana Collins, MBA

Edward Manno, MD

Wendy Smith, MA

Margie Stecker, RN

Stacey Winners, RT

Overview

More than 795,000 strokes occur each year in the US, either new or recurrent, and cause significant morbidity and mortality. Approximately 1 of every 20 deaths is from stroke, making it the fourth 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. Increased knowledge and availability of preventive therapies along with control of cardiovascular (CV) risk factors has led to a steady decline in the incidence of stroke along with corresponding mortality declines of nearly 34% from 2003 to 2013. Although control of CV risk factors, especially hypertension, has lowered incidence of stroke, these reports note that the continued need for greater primary prevention efforts to reduce the lifetime risk, severity, and 30-day mortality following stroke. Improvements in acute stroke treatments, especially early recognition and treatment with tissue plasminogen activator, also have contributed to the declines. Given the significant morbidity and mortality associated with acute strokes, 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

Neurologists, emergency medicine physicians, neurosurgeons, primary care physicians, nurses, physician assistants, paramedics, emergency medical technicians, physical therapists and occupational therapists.

Learning Objectives

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

- Summarize important components of improving outcomes throughout the continuum of stroke care;
- Describe factors influencing the optimal assessment, diagnosis, and treatment of acute stroke;
- Identify issues associated with use of stroke telemedicine and describe strategies to address those barriers;
- Present the salient points affecting the treatment decisions for incidental findings found on imaging studies;
- Create a program to coordinate the care of patients as they transition from the hospital to other providers;
- Critically compare hemispherectomy versus medical management for treating cerebral edema after ischemic stroke.



Agenda

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- | | |
|----------|---|
| 7:00 AM | Registration/Continental Breakfast/Exhibits |
| 7:30 AM | Opening Remarks
<i>Peter Rasmussen, Shazam Hussain</i> |
| 7:35 AM | Keynote Address: Surgical Management of Brain AVMs
<i>Michael Lawton</i> |
| 8:15 AM | Overview of Continuum of Stroke Care
<i>Andrew Russman</i> |
| 8:45 AM | EMS: Assessment of Care
<i>Brian Summers</i> |
| 9:15 AM | Refreshment Break and Exhibits |
| 9:30 AM | Evaluation in the ED for Acute Stroke Therapies, Direct to CT
<i>Travis Gullett, Maureen Buttrick</i> |
| 10:15 AM | The Stroke Work-Up
<i>Ather Taqui</i> |
| 10:45 AM | Treating Incidental Stroke Findings
<i>Ken Uchino</i> |
| 11:15 AM | Delirium
<i>Michael Stoltz</i> |
| 11:45 AM | Luncheon Speaker

Technology Updates
<i>Zeshaun Khawaja</i> |
| 12:45 PM | Case Studies: Diagnosis of the Acute Stroke Patient
<i>Pravin George, Matthew Lashutka, Jayshree Sundararajan</i> |
| 1:45 PM | Hemicraniectomy vs. Medical Management
<i>Pravin George</i> |
| 2:15 PM | What Happens in Rehab
<i>Sam Bayoumy</i> |
| 2:45 PM | Refreshment Break and Exhibits |
| 3:00 PM | Seizures Post Stroke
<i>Stephen Hantus</i> |
| 3:30 PM | Surgical Treatment of Intracerebral Hemorrhage
<i>Tina Resser</i> |
| 4:00 PM | Impact of Stroke on Younger Patients
<i>Emily St. Julian</i> |
| 4:30 PM | Wrap up and Adjourn |

General Information

Location

Embassy Suites Cleveland-Rockside
5800 Rockside Woods Blvd.
Independence, Ohio
Phone: 216.986.9900 or 800.362.2779

Information

For further information about this activity, contact Shana Spade at
Phone: 216.444.9380
Email: spades@ccf.org

Deadline for Registration and Cancellation

Preregistrations are accepted until 5:00 pm ET, September 20, 2016. Register on site after this date. In case of cancellation, a full refund will be made if canceled by September 2, 2016. After September 2, 2016, a \$25 cancellation fee will be deducted from your refund. Written notification of your cancellation is required to process your refund. **NO REFUNDS WILL BE ISSUED AFTER September 16, 2016.**



Accreditation

The Cleveland Clinic Foundation Center for Continuing Education is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Cleveland Clinic Foundation Center for Continuing Education designates this live activity for a maximum 8.25 *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.

The Ohio Board of Nursing will accept at face value the number of contact hours awarded for an educational activity that has been approved for CE by a nationally accredited system of CE approval.

Nurses are able to obtain CE that has been approved or provided by a nationally recognized accreditation system of continuing education.

Examples include:

- The American Nurses Credentialing Center (ANCC)
- The Accreditation Council for Continuing Medical Education (ACCME)
- The International Association for Continuing Education and Training (ACET)
- This program provides 8.0 hrs. of stroke-specific CME, as is required with PSC Certification.
- Ohio EMS Continuing Education credits will be awarded
- Physical Therapy – Application of credit has been filed with the (OTPTAT) Board 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

Faculty Disclosure Statement

The Cleveland Clinic Foundation Center for Continuing Education has implemented a policy to comply with the current Accreditation Council for Continuing Medical Education Standards for Commercial Support requiring resolution of all faculty conflicts of interest. Faculty declaring a relevant commercial interest will be identified in the activity syllabus.

Americans with Disabilities Act

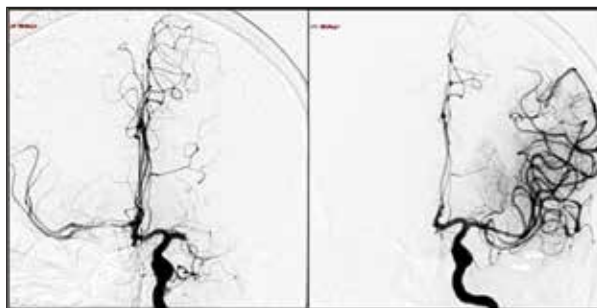
The Cleveland Clinic Foundation Center for Continuing Education fully intends to comply with the legal requirements of the Americans with Disabilities Act. If you need assistance, please notify Shana Spade at 216.444.9380 at least two weeks prior to the activity.

Registration Form

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Please check appropriate box

- ☐ Physicians – \$225
☐ Residents/Fellows – \$85
☐ Non-Physicians – \$125

Fee includes: syllabus, continental breakfast, refreshment breaks, and lunch.

To Register Online Go To:
www.ccfcmec.org/acutestroke16

CCF employees should check fees and register online at the web address listed above.

Once you register online, please do not mail or fax in a registration form.

PLEASE PRINT

First Name	MI	Last Name	Degree
Institution Name			
Address			
City	State	Zip	
Phone	Fax		
Specialty	E-Mail		

Practice Type: ☐ Office-Based ☐ Hospital Staff ☐ Resident/Fellow ☐ Other

Payment Options

☐ **Check Enclosed** (Made payable to:)
The Cleveland Clinic Educational Foundation
P.O. Box 931653
Cleveland, OH 44193-1082

☐ **Credit Card** – must register online at www.ccfcmec.org/acutestroke16 to pay by credit card

For questions concerning registering, email cmeregistration@ccf.org or call 216.448.8710.

Cleveland Clinic recognizes the importance of protecting the privacy and security of information provided to us. Therefore, we are no longer requesting credit card data in writing, including on registration forms or faxes. If you would like to register using a credit card, please log in to www.ccfcmec.org/acutestroke16 or call 216.448.8710 where it will be handled directly by a certified processor.