



Introduction

In the past few years, there has been nothing short of a revolution in the diagnosis and treatment of cerebrovascular disease. What was almost unimaginable in the past is now ... optimal physiological conditions for healing, and advanced medical management to prevent stroke recurrence. For the 11th Annual Cleveland Neurocritical Care & Stroke Conference, we have gathered many of the internationally renowned experts who have led this revolution. Our 5th Annual Transcranial Doppler Ultrasound Workshop will also provide a complete review of ultrasound principles, techniques, and interpretation.

Who Should Attend

This symposium is designed for neurologists, neurosurgeons, neurointensivists, internists, family medicine physicians, and emergency medicine physicians. Nurses and other allied

Objectives

After attending the 11th Annual Cleveland Neurocritical Care & Stroke Conference participants will be able to:

- Recognize how to apply the new AHA Guidelines to patients with stroke
- Understand the advantages and disadvantages of the new anticoagulant agents for stroke prevention
- Identify the role that targeted temperature management plays in patients after cardiac arrest

After attending the 5th Annual Transcranial Doppler Ultrasound Workshop participants will be able to:


- Describe the underlying principles of TCD Sonography
- Recognize the role of TCD monitoring in patients with subarachnoid hemorrhage and vasospasm
- Discuss the role of TCD sonography in determining brain death
- Discuss the role of emboli monitoring with TCD sonography
- Describe how to best document, code and bill for TCD services

Continuing Education

Case Western Reserve University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education to physicians.

Case Western Reserve University School of Medicine designates the 11th Annual Cleveland Neurocritical Care & Stroke Conference live activity for a maximum of 7.25 AMA PRA Category 1 CreditsSM. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Case Western Reserve University School of Medicine designates the 5th Annual Transcranial Doppler Ultrasound Workshop live activity for a maximum of 3.75 AMA PRA Category 1 CreditsSM. Physicians should claim only the credit commensurate with the extent of their participation in the activity.



Karen Lidsky, MD
Associate Professor of Pediatrics
Director, Pediatric Critical Care Transport

Benjamin Miller, MD

Program Agenda

Friday, May 30, 2014

7:30 – 8:30am Registration and Continental Breakfast

8:30 – 8:40 Opening Remarks and Welcome
Michael De Georgia, MD

Session 1: Updates in Stroke Prevention

Cathy Sila, MD

8:40 – 9:00 New AHA Guidelines for Cardiovascular Prevention
Daniel Simon, MD

9:00 – 9:20 New Anticoagulant Agents for Atrial Fibrillation
Sophia Sundararajan, MD, PhD

9:20 – 9:40 New Approaches for Cryptogenic Stroke
Gary Bernardini, MD, PhD

9:40 – 10:00 New Approaches for Carotid Stenosis
Nicholas Bambakidis, MD

10:00 – 10:10 Panel Discussion

10:10 – 10:30 Break

Session 2: Updates in Stroke Treatment

Anthony Furlan, MD

10:30 – 10:50 Update on Neuroimaging for Acute Stroke Therapy
Kristine Blackham, MD

10:50 – 11:20 Update on Intravenous Thrombolysis for Acute Stroke
Cathy Sila, MD

11:20 – 11:50 Update on Interventional Therapy for Acute Stroke
Robert Tarr, MD

11:50 – 12:00 Panel Discussion

12:00 – 1:30 Lunch

Session 3: Updates in Neurosurgery and Neurocritical Care

Michael De Georgia, MD

1:30 – 1:50 Update on Intracerebral Hemorrhage
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1:50 – 2:10 Update on Subarachnoid Hemorrhage
Stephan Mayer, MD

1st Annual Cleveland Neurocritical Care & Stroke Conference
Friday, May 30

- 2:10 – 2:30 Update on Hypothermia for Cardiac Arrest
Michael De Georgia, MD
- 2:30 – 3:00 Update on Brain Death
David Crippen, MD
- 3:00 – 3:10 Panel Discussion
- 3:10 – 3:30 Break

Session 4: Updates in Stroke Rehabilitation
Warren Selman, MD

- 3:30 – 3:50 Stroke Rehabilitation Using Transcranial Magnetic Stimulation
Svetlana Pundik, MD
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Technology
Benjamin Walter, MD
- 4:10 – 5:00 Looking Forward
Anthony Furlan, MD
- 8:00 The Codes at Panini's Bar and Grill,
1825 Coventry Road, Cleveland Heights

5th Annual
Transcranial Doppler Ultrasound Workshop
Saturday, May 3rd

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|---------------|--|---------------|---|
| 7:30 – 8:00am | Registration and Continental Breakfast | 9:40 – 10:00 | Break |
| 8:00 – 8:20 | Physiology
Cathy Sila, MD | 10:00 – 10:30 | PFO and Right to Left Shunts
(with Demonstration of Bubble Study)
Tanzila Shams, MD |
| 8:20 – 8:40 | Subarachnoid Hemorrhage
Matthew Smith, MD | 10:30 – 10:50 | Pediatric TCD
Karen Lidsky, MD |
| 8:40 – 9:00 | Intracranial Stenosis
Benjamin Miller, MD | 10:50 – 11:10 | Emboli Monitoring
Larry Raber, RDMS, RVT, RT(F) |
| 9:00 – 9:20 | Cerebrovascular Reactivity and Hyperperfusion
Benjamin Miller, MD | 11:10 – 11:30 | Documentation, Coding and Billing
Larry Raber, RDMS, RVT, RT(F) |
| 9:20 – 9:40 | Increased ICP and Brain Death
Michael De Georgia, MD | 11:30 – 12:00 | Panel Discussion |

Registration Information

Conference tuition includes all educational sessions, materials, continental breakfast and lunch.

Suggested Accommodations:

Courtyard by Marriott Cleveland
University Circle

2021 Cornell Rd., Cleveland, Ohio 44106

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Doubletree by Hilton—The Tudor Arms Hotel
10660 Carnegie Avenue

Cleveland, Ohio 44106

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www.doubletreehilton.com

The Glidden House

1901 Ford Drive, Cleveland, Ohio 44106

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www.gliddenhouse.com

Acknowledgments

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SCHOOL OF MEDICINE
Case

REGISTRATION FORM

11th Annual Cleveland Neurocritical Care & Stroke Conference:
Don't Look Back / CID 2487

How to Register:

Mail this registration form with your check or credit card number to:

Registrar, CME Program
Case Western Reserve University
10524 Euclid Avenue
Cleveland, OH 44106-6026

Register online with a credit card at <http://casemed.case.edu/cme>

Fax this form with your credit card number to (216) 844-8133

Telephone (216) 983-1239 or (800) 274-8263 with the information requested below and your credit card number

Name: _____
First Last Degree(s)

SSN (last 4 digits) ____ ____ ____ ____

Business Phone: _____

Street Address: _____

City/State: _____ Zip: _____

Email: _____

Conference Tuition

May 31 TCD Workshop

- ____ Physician \$75
- ____ Allied Health \$50
- ____ Resident/Fellow \$25

TOTAL AMOUNT ENCLOSED OR TO BE CHARGED: \$ _____

____ Enclosed is my check payable to Case Western Reserve University

Charge my: ____ Visa ____ MasterCard ____ Discover

Card #: _____ Expiration Date: _____

Signature: _____ Security Code: _____

