

# 14th Annual Cerebrovascular Update

March 19-20, 2015

Hyatt at The Bellevue | 200 S. Broad Street | Philadelphia, PA 19102

## Featured Guest Speakers

**Amanda A. O'Dea, Esquire**

O'Brien & Ryan, LLP  
*Plymouth Meeting, PA*

**Richard M. Lucas MD**

Department of Emergency Medicine  
Mercy Suburban Hospital  
*Darby, PA*

**Lori Massaro, MSN, CRNP**

Clinical Supervisor, Stroke Institute Nurse Practitioner  
University of Pittsburgh Medical Center  
*Pittsburgh, PA*

**Lawrence R. Wechsler, MD**

Chairman, Department of Neurology  
Henry B. Higman Endowed Professor of Neurology  
University of Pittsburgh  
Vice President of Telemedicine  
University of Pittsburgh Medical Center  
*Pittsburgh, PA*



**Jefferson**<sup>TM</sup>

## COURSE DESCRIPTION

This conference has been specially designed for practicing neurologists, neurosurgeons, emergency medicine physicians, critical care physicians, hospitalists, neuroradiologists, primary care physicians, internists, nurses, nurse practitioners, physician assistants, case managers and rehabilitation therapists who treat a myriad of stroke related conditions and diseases in their practice. The course directors, Rodney D. Bell, MD, Robert H. Rosenwasser, MD, FACS, FAHA, Carissa C. Pineda, MD and Pascal Jabbour, MD, Thomas Jefferson University Departments of Neurology, and Neurosurgical Surgery, have developed an agenda that will include in-depth presentations on epidemiology and treatment options for risk factors in stroke such as hypertension and blood pressure management, atrial fibrillation, acute stroke, sleep apnea, aneurysms, arteriovenous malformation, vascular diseases, antiplatelet therapy and anticoagulation for secondary stroke prevention.

The expert faculty will provide guidance to assist participants in applying new knowledge to their practices. The combined format of didactic presentations and case discussions will allow participants to observe and question the expert faculty as they discuss real patient cases, and demonstrate how to apply new information and clinical guidelines into their practices.

The ultimate goal of the 14th Annual Cerebrovascular Update is to improve the delivery of care for stroke patients by improving the performance of practicing physicians as they care for patients with stroke related medical complications. To this end, practice performance gaps have been identified in the care of this population of patients, and underlying needs in the areas of knowledge and translation of knowledge into action have been determined.

## COURSE OBJECTIVES

At the conclusion of this activity, participants should be able to:

- Examine the epidemiology and the risk factors for stroke, and implement preventative measures to reduce the risk of primary and secondary stroke.
- Formulate an appropriate treatment and management approach to blood pressure control for acute strokes, atrial fibrillation, and intracerebral hemorrhages.
- Analyze and employ into practice current pharmacotherapy data on anticoagulation and antiplatelet therapy for stroke management.
- Describe the emergency room protocols for triaging the stroke patient.
- Integrate existing prescribing, treatment and classification guidelines for stroke into their practices.
- Contrast existing and emerging endovascular diagnostic techniques to better recognize and treat patients who suffer from intracerebral hemorrhages, intracranial aneurysms, and arteriovenous malformations.
- Identify the signs and symptoms of stroke in the younger patient, and implement proper treatment protocols to avoid or reduce lifelong impairments.
- Identify new imaging technology and determine implementation strategies for screening patients for acute stroke, primary and secondary stroke prevention and risk factors control.
- Recognize common pitfalls in the management of the stroke patient that may increase the risk of litigation.
- Formulate an appropriate rehab treatment and management plan from the perspective of the stroke patient to address individual capabilities and limits to ensure health care outcomes.
- Summarize the impact of sleep disorders on the stroke patient and identify effective management options.
- Assess their individual practices in light of the information and discussions during the course, and identify specific strategies to implement as part of a continuing improvement process for their practices.

## THURSDAY, MARCH 19, 2015 \*Preliminary Agenda – Subject to Change

- 7:00AM Registration, Continental Breakfast & Exhibits**
- 8:00AM Welcome Remarks and Overview**  
*Robert H. Rosenwasser, MD, FACS, FAHA*
- 8:10AM Management of Stroke Risk Factors: Lifestyle Changes and Management of Risk Factors**  
*Rodney D. Bell, MD*
- 9:00AM The Evolution of Acute Stroke Management in the Community Hospital ED**  
*Richard M. Lucas, MD*
- 9:40AM What is Right? What is Wrong? Blood Pressure Management - AIS & Hemorrhagic Transformation**  
*Matthew Vibbert, MD*
- 10:05AM Break & Exhibits**
- 10:30AM MR CLEAN – Endovascular Treatment for Stroke**  
*Stavropoula I. Tjoumakaris, MD*
- 11:00AM Current Role of Antiplatelet Therapy in Secondary Prevention of Strokes**  
*Carissa C. Pineda, MD*
- 11:30AM Telemedicine: Improving Outcomes and Reducing Cost**  
*Robert H. Rosenwasser, MD, FACS, FAHA*
- 12:00PM Lunch & Exhibits**
- 1:00PM Sleep Apnea – A New Risk Factor for Stroke**  
*Karl Doghramji, MD*
- 1:30PM Acute Stroke Guidelines: What's New, What's Different**  
*Lawrence R. Wechsler, MD*
- 2:00PM Neuro-Imaging for Stroke Management**  
*Adam E. Flanders, MD*
- 2:30PM Break & Exhibits**
- 2:50PM Hot Topics in Comprehensive Stroke Centers**  
*Lori Massaro, MSN, CRNP*
- 3:45PM Legal Implications of Acute Stroke Management**  
*Amanda A. O'Dea, Esquire*
- 4:30PM Networking Reception**

## FRIDAY, MARCH 20, 2015

- 7:00AM Registration, Continental Breakfast, and Exhibits**
- 8:00AM New Concepts in Afib Monitoring**  
*Anish R. Koka, MD*
- 8:30AM Newer Agents in Anticoagulation and Atrial Fibrillation & Deep Vein Thrombosis Treatment**  
*Geno J. Merli, MD, MACP, FHM, FSVM*
- 9:00AM Flow Diversion for Cerebral Aneurysms**  
*Grahame C. Gould, MD*
- 9:30AM Hemispherectomy - Management of Large Hemisphere Stroke**  
*Jack I. Jallo, MD, PhD, FACS*
- 10:00AM Breaks & Exhibits**
- 10:15AM Post Stroke Rehab Management "A Day in the Life of a Stroke Patient"**  
*Guy W. Fried, MD*
- 11:00AM Updates on AVM Management**  
*Pascal M. Jabbour, MD*
- 11:40AM Stroke in the Young**  
*Diana L. Tzeng, MD*
- 12:15PM Closing Remarks**

## COURSE DIRECTORS

### Rodney D. Bell, MD

Professor of Neurology  
Chief, Division of Cerebrovascular Disease and  
Neurological Critical Care

### Robert H. Rosenwasser, MD, FACS, FAHA

Jewell L. Osterholm, MD Professor and  
Chair of Neurological Surgery  
Professor of Radiology  
Director, Division of Neurovascular Surgery and Endovascular Neurosurgery

## CO-COURSE DIRECTORS

### Pascal M. Jabbour, MD

Associate Professor of Neurological Surgery  
Chief Division of Neurovascular Surgery and  
Endovascular Neurosurgery

### Carissa C. Pineda, MD

Assistant Professor of Neurology  
Co-Director, Acute Stroke Unit

## JEFFERSON FACULTY

### Karl Doghramji, MD

Professor of Psychiatry, Neurology and Medicine  
Director, Sleep Disorders Center

### Adam E. Flanders, MD

Professor of Radiology and Rehabilitation Medicine  
Co-Director, Neuroradiology/ENT Radiology

### Guy W. Fried, MD

Professor of Rehabilitation Medicine  
Chief Medical Officer, Magee Rehabilitation Hospital

### Grahame C. Gould, MD

Assistant Professor of Neurological Surgery

### Jack I. Jallo, MD, PhD, FACS

Professor and Vice Chair for Academic Services  
Director, Division of Neurotrauma and Critical Care  
Department of Neurological Surgery

### Anish R. Koka, MD

Clinical Instructor of Medicine, Division of Cardiology

### Geno J. Merli, MD, MACP, FHM, FSVM

Professor of Medicine and Surgery  
Co-Director, Jefferson Vascular Center

### Stavropoula I. Tjoumakaris, MD

Assistant Professor of Neurology

### Matthew Vibbert, MD

Assistant Professor of Neurology and  
Neurological Surgery

### Diana L. Tzeng, MD

Clinical Assistant Professor of Neurology

## GUEST FACULTY

### Amanda A. O'Dea, Esquire

O'Brien & Ryan, LLP  
Plymouth Meeting, PA

### Richard M. Lucas MD

Department of Emergency Medicine  
Mercy Suburban Hospital  
Darby, PA

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Clinical Supervisor, Stroke Institute Nurse Practitioner  
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University of Pittsburgh  
Vice President of Telemedicine  
University of Pittsburgh Medical Center  
Pittsburgh, PA

## ABOUT JEFFERSON ACUTE STROKE CENTER

The Jefferson Acute Stroke Center is one of the most advanced and acclaimed centers in the U.S. for the prevention, diagnosis, treatment and research of stroke. It's also the largest facility dedicated to the care of acute stroke in the Delaware Valley, and in 2014 received the Gold Plus Performance Achievement Award given by the American Stroke Association (ASA) and the American Heart Association (AHA) and received Comprehensive Stroke Center Certification by the Joint Commission in Stroke. For more information, please call 215-955-4087 or visit: [Hospitals.Jefferson.edu/Departments-and-Services/Acute-Stroke-Center](https://Hospitals.Jefferson.edu/Departments-and-Services/Acute-Stroke-Center).

### ACCREDITATION INFORMATION

Sidney Kimmel Medical College at Thomas Jefferson University is accredited by the ACCME to provide continuing medical education for physicians.

Sidney Kimmel Medical College at Thomas Jefferson University designates this live activity for a maximum of **10.5 AMA PRA Category 1 Credit(s)™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Thomas Jefferson University Hospital is an approved provider of Continuing Nursing Education (CNE) by the PA State Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation. A maximum of 10.58 nursing contact hours will be awarded for this program.

### STROKE CREDIT AVAILABLE!

Core Stroke Team Members: Earn JCAHO required education credits!

### EXHIBITS

Exhibits will be open during registration, breaks, lunch and the networking reception. We wish to thank our exhibitors for their participation and support of this conference.

### DISCLOSURE STATEMENT

All faculty at continuing educating activities for nurses, physicians and allied health professionals are required to disclose to the audience (1) any significant financial relationships with the manufacturer(s) of any commercial products, goods or services and (2) any unlabeled/unapproved uses of drugs or devices discussed in their presentations. Such disclosures will be made in writing in the course presentation materials.

### ACCOMMODATIONS

A limited block of guest rooms at the special discount rate below is available at the Hyatt at the Bellevue for \$225.00 plus tax for single and double occupancies.

Rates are guaranteed (based on availability) until February 27, 2015  
To make reservations:

- Call the Park Hyatt Reservation line at 1-888-421-1442 and refer to the "Cerebrovascular Update 2015" room block.
- Visit: <https://resweb.passkey.com/go/TJU15>

The Park Hyatt allows cancellation of hotel accommodations by 3pm on the day preceding your scheduled arrival without penalty. (Hotel policy subject to change)

### PARKING

Self-Parking: \$16.00 up to 10 hours \$28.00 after 10 hours and valet \$37.00.

# Register Now!

Register online at [Jeffline.Jefferson.edu/JeffCME/Stroke](http://Jeffline.Jefferson.edu/JeffCME/Stroke)

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Last Name	First Name	MI	Personal Title (II, Jr.)
Title (Dr., Mr., Mrs.)	Degree (MD, DO, PhD, MSN, BSN)		Specialty
Mailing Address			
City	State	Zip	
Telephone: <input type="checkbox"/> Work <input type="checkbox"/> Home <input type="checkbox"/> Cell		Fax	Email
<input type="checkbox"/> Please do not include me in upcoming events mailing lists.		Are you a Jefferson Alum? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, what year? _____	

\_\_\_\_\_ **Web ID** Please provide the last four digits of your Social Security Number as your Web ID. This will allow you to access your CME transcript online at anytime after the course.

## REGISTRATION FEES & DEADLINES

### Early Registration (before February 27, 2015)

- ☐ \$200 Nurses & Allied Health Professionals
- ☐ \$235 Physicians

### On-Site Registration (on or after February 28, 2015)

- ☐ \$250 Nurses & Allied Health Professionals
- ☐ \$285 Physicians

Discount rates available to Jefferson staff and specific spoke/affiliate hospitals. Please visit the course webpage for details, [Jeffline.Jefferson.edu/JeffCME/Stroke](http://Jeffline.Jefferson.edu/JeffCME/Stroke) for details.

## PAYMENT

Please make check payable to  
**Sidney Kimmel Medical College, Office of CME,**  
or provide Credit Card Information. Do not send cash.  
Registration will not be processed unless full payment is received.

- ☐ Check is enclosed. Check Number: \_\_\_\_\_
- ☐ I hereby authorize use of my: ☐ Visa ☐ Mastercard

**Total Amount Enclosed: \$** \_\_\_\_\_

Cardholder's Name

Account Number

Expiration Date

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Billing Address (If different from above)

## TO REGISTER PLEASE USE ONE OF THE FOLLOWING OPTIONS:

**Register Online:** [Jeffline.Jefferson.edu/JeffCME/Stroke](http://Jeffline.Jefferson.edu/JeffCME/Stroke)

**Fax:** You may fax this form with credit card payment to 215-923-3212

**Phone:** For further information, please call the Office of CME at  
1-888-JEFF-CME or 215-955-6992

**Mail:** 14th Annual Cerebrovascular Update  
Sidney Kimmel Medical College  
Office of CME  
1020 Locust Street, Suite M-5  
Philadelphia, PA 19107

## REGISTRATION INFORMATION

The registration fee includes all course materials, CE Certificate, break refreshments and lunch. The registration fee does not include parking. Please note the registration deadlines as fees vary by dates of registration submission. Registration will be confirmed by email. If you have any special needs, please contact the Office of CME by March 13, 2015 at 1-888-JEFF-CME.

## CANCELLATIONS/REFUND POLICY

Requests for refunds must be submitted in writing and received in the Office of CME by March 13, 2015. There will be no refunds after this date. There will be a \$75 processing fee for all refunds. Registrants who fail to attend the conference are responsible for the entire fee. All refunds will be processed after the conference. The University reserves the right to cancel or postpone this course due to unforeseen circumstances. In the event of cancellation or postponement, the University will refund registration fees, but is not responsible for related costs or expenses to participants, including cancellation fees assessed by hotels, airlines or travel agencies.