Brain Attack
AND
Cerebrovascular Disease Update 2009

COLUMBIA UNIVERSITY
College of Physicians
and Surgeons

Weill Cornell Medical College
in association with the
American Stroke Association, New York City

Friday, March 27, 2009
7:00AM–5:00PM

Grand Hyatt New York
Park Avenue at Grand Central Terminal
New York, New York, USA

REGISTER ONLINE NOW!
www.nypneuro.org
Overview
This conference will review the latest approaches to the diagnosis, treatment and prevention of stroke and cerebrovascular disease focusing on controversial topics in the diagnosis and management of stroke.

This course meets the 8 hour annual CME requirement for Stroke Center Certification.

Physician Course Directors
Randolph S. Marshall, MS, MD
Alan Z. Segal, MD

Nursing Planner
Virginia Cox, MPA, RN

Date and Time
Friday, March 27, 2009  7:00AM–5:00PM
(7:00–8:00AM Registration/Continental Breakfast)

Location
Grand Hyatt New York
Park Avenue at Grand Central Terminal, New York, NY, USA
Tel: 212-883-1234 · Fax: 212-697-3772

Course Format
Lectures, panels, questions and answer sessions.

Statement of Need
New advances in the diagnosis, treatment, and prevention of cerebrovascular disease have been documented in recently published peer review journals and are the subject of ongoing studies. Evidence-based guideline statements have been updated to reflect these changes, while other studies have become available since these guidelines have been published.

Practicing physicians and nurses need to be educated about the state of the art approach to patients with cerebrovascular disease including the diagnosis and management of acute ischemic stroke, prevention of recurrent stroke, approach to patients with intracerebral hemorrhage, and management of cerebral aneurysms and AVMs. Requirements for the development of JCAHO Stroke Certified Centers and the guidelines for Primary Stroke Centers established by the Brain Attack Coalition require ongoing physician medical education of members of stroke teams.

Finally, results from previous Brain Attack conferences have yielded requests for more information regarding advances in the emergency treatment of stroke and pharmacological therapies for acute stroke.
**Target Audience**

Neurologists, neurosurgeons, interventional neuroradiologists, cardiologists, primary care physicians and emergency department physicians, nationally and regionally. Stroke team members including nurse practitioners, nurses and physicians assistants and others treating stroke patients.

**Educational Objectives**

It is intended that this CME activity will lead to improved patient care by updating health care professionals on the latest advances in the diagnosis, treatment and prevention of brain attack and stroke.

1. To understand the diagnostic approaches to acute stroke including the benefits of Magnetic Resonance Imaging, CT angiography, and ultrasonography.

2. To review the results of the most recent clinical trials on the approaches to prevention of a recurrent stroke including the use of antithrombetics, statins, and inhibitors of the renin-angiotensin system.

3. To learn about the use of intravenous and intra-arterial thrombolysis in the treatment of acute ischemic stroke.

4. To learn about the results of new medical and surgical trials in the approach to intracranial hemorrhage.

5. To understand the latest approaches to the management of cerebral aneurysms and arteriovenous malformations.

**Course Agenda**

7:00–8:00 AM  BREAKFAST / REGISTRATION

8:00—8:10 AM  WELCOME & OVERVIEW

—Randolph S. Marshall, MS, MD

—Alan Z. Segal, MD

**Management of Acute Stroke**

8:10—8:45 AM  Acute Stroke Neuroprotection

—Steven Warach, MD, PhD

8:45—9:15 AM  Emergency Department Controversies: thrombolysis

—Joshua Stillman, MD

9:15—9:40 AM  Beyond the Three Hour Window

—Alan Z. Segal, MD

9:40—10:05 AM  Cerebral Hemodynamics and Clinical Worsening

—Randolph S. Marshall, MS, MD

10:05—10:15 AM  REFRESHMENT BREAK
STROKE PREVENTION
10:15—10:35 AM Anti-platelet Therapy and Resistance
   —Dana Leifer, MD

10:35—11:05 AM Gender Considerations in Stroke Management
   —Dara G. Jamieson, MD

11:05—11:30 AM Management of TIA
   —Ji Y. Chong, MD

11:30—NOON Newer Risk Factors: sleep disturbance,
   metabolic syndrome
   —Bernadette Boden-Albala, MPH, PhD

12:00—12:30 PM LUNCH

12:30—1:00 PM Case Discussions
   —Joshua Z. Willey, MD

DIAGNOSTIC APPROACHES FOR STROKE
1:00—1:30 PM MR vs. CT in Acute Stroke plus Advanced
   Imaging
   —A. John Tsiouris, MD

1:30—1:50 PM Advances Carotid and Transcranial Doppler
   Imaging
   —Tatjana Rundek, MD, PhD

1:50—2:10 PM Telemedicine in Stroke Care
   —Susanna Horvath, MD

2:10—2:30 PM Biomarkers/Genetics
   —Mitchell S. V. Elkind, MD, MS

2:30—2:50 PM Current and Future Treatment Strategies for
   Stroke Recovery
   —Ronald Lazar, PhD

2:50—3:00 PM REFRESHMENT/BREAK

INTERVENTIONAL APPROACHES FOR STROKE
3:00—3:30 PM NICU Management, ICH
   —Matthew E. Fink, MD

3:30—4:00 PM Unruptured Aneurysms/Unruptured AVMs
   —Jay P. Mohr, MD, PhD

4:00—4:30 PM Intracranial Stenosis
   —Pierre Gobin, MD

4:30—5:00 PM Carotid Stenosis
   —E. Sander Connolly Jr., MD, FACS

5:00 PM Closing Remarks & Adjournment
   —Randolph S. Marshall, MS, MD
   —Alan Z. Segal, MD
COURSE DIRECTORS

Randolph S. Marshall, MS, MD  
Associate Professor of Clinical Neurology  
Co-Director of Cerebral Localization

Alan Z. Segal, MD  
Associate Professor of Neurology  
Director, Stroke Program

Faculty

Bernadette Boden-Albala, PhD, MPH  
Director of Research  
Assistant Professor of Neurology

Ji Y. Chong, MD  
Assistant Professor of Neurology  
Assistant Attending Neurologist

E. Sander Connolly, Jr., MD, FACS  
Associate Professor of Neurological Surgery  
Attending Neurosurgeon

Mitchell S. V. Elkind, MD, MS  
Associate Professor of Neurology  
Associate Attending Neurologist

Susanna Horvath, MD  
Assistant Clinical Professor of Neurology  
Attending Neurologist

Ronald Lazar, PhD  
Professor of Clinical Neuropsychology in Neurology and Neurological Surgery

Jay P. Mohr, MD, PhD  
Daniel Sciarra Professor of Clinical Neurology  
Director, Doris and Stanley Tananbaum Stroke Center, Neurological Institute

Joshua Stillman, MD  
Assistant Professor of Clinical Medicine  
Assistant Attending Physician

Matthew E. Fink, MD  
Professor of Clinical Neurology  
Attending Neurologist

Pierre Gobin, MD  
Professor of Radiology  
Professor of Radiology in Neurological Surgery  
Attending Radiologist  
Professor of Radiology in Neurology

Dara G. Jamieson, MD  
Associate Professor of Clinical Neurology  
Associate Attending Neurologist

Dana Leifer, MD  
Associate Professor of Neurology  
Associate Attending Neurologist

A. John Tsiouris, MD  
Assistant Professor of Radiology  
Assistant Attending Radiologist

Joshua Z. Willey, MD  
Fellow

VISITING FACULTY

Steven Warach, MD, PhD  
Chief, Stroke Diagnostics and Therapeutics  
National Institute of Health  
Bethesda, MD

Tatjana Rundek, MD, PhD  
Associate Professor of Neurology  
Associate Attending Neurologist  
Miller School of Medicine, University of Miami  
Miami, FL

FOR COURSE INFORMATION, PLEASE CONTACT:

Amy Sabek  
Service Line Marketing Manager  
Tel: 212-585-6822  
Email: ams2008@nyp.org
ACCREDITATION

The College of Physicians and Surgeons of Columbia University is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The College of Physicians and Surgeons designates this educational activity for a maximum of 8 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

This program has been planned and produced in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME).

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The Grand Hyatt New York is conveniently located in midtown Manhattan. Within walking distance of Broadway Theaters, Fifth Avenue shopping, United Nations, Empire State Building, major museums and attached to Grand Central Terminal. FOR RESERVATIONS CALL 646-213-6643

TRAVEL

The Grand Hyatt New York is easily accessible by air or by train. “Yellow Taxi” from La Guardia Airport and JFK International Airport. Shuttle from Newark, NJ. “Yellow Taxi” or subway from Penn Train Station.
Tuition includes registration and course materials, coffee breaks and luncheon.

**Refund Policy:** A handling fee of $20 is deducted for cancellation. Refund requests must be received by mail one week prior to the course. No refund will be made thereafter.

**To Register:**
- Register online at www.nypneuro.org
- Fill out and mail this registration card.
- Email inquiries: medcourses@nyp.org

**Fees: EARLY BIRD AFTER FEB. 28**
- Full Day Conference: $265, $290
- New York-Presbyterian Healthcare System Physicians: $215, $240
- Nurses, Medical Students, Residents, Fellows and Physician Assistants: $115, $140

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Mail to: New York-Presbyterian Hospital, Attn: Marketing Department, 525 E. 68th St., Box 51, New York, NY 10065

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