

Allegheny General Hospital  
Continuing Medical Education  
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Pittsburgh, Pennsylvania 15212-4772

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ALLEGHENY GENERAL HOSPITAL

# Neurocardiology in Clinical Practice: The Heart Brain Connection

*Friday and Saturday, November 6-7, 2009*



*Sponsored by*

The Comprehensive Stroke Center

*and*

The Gerald McGinnis Cardiovascular Institute  
Allegheny General Hospital  
Pittsburgh, Pennsylvania



## *Conference Directors*

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### **Ashis Tayal, MD**

Assistant Professor of Neurology and Medicine  
Drexel University College of Medicine  
Medical Director, Comprehensive Stroke Center  
Department of Neurology  
Allegheny General Hospital  
Pittsburgh, Pennsylvania

### **Michael Fallert, MD, FACC**

Clinical Assistant Professor of Medicine  
Drexel University College of Medicine  
Division of Cardiology  
Department of Medicine  
Gerald McGinnis Cardiovascular Institute  
Allegheny General Hospital  
Pittsburgh, Pennsylvania

## *Planning Committee*

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### **Susan Gustafson, CRNP**

Stroke Program Nurse Practitioner

### **Judy Jarouse, CRNP, CNRN**

Stroke Program Nurse Practitioner

### **Jack Protetch**

Stroke Program Manager

### **Melissa Tian, RN, BSN**

Stroke Research Nurse

### **David Wright, MD**

Assistant Professor Neurology  
Drexel University College of Medicine  
Director, Stroke Unit  
Department of Neurology

### **Jan Yanko, RN, MN, CNRN**

Advanced Practice Nurse  
Neuroscience/Trauma

## *Invited Faculty*

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### **David Callans, MD, FACC**

Professor of Medicine  
Director, Electrophysiology Laboratory  
Department of Medicine  
Cardiovascular Medicine Division  
Hospital of The University of Pennsylvania  
Philadelphia, Pennsylvania

### **Rishi Gupta, MD**

Cerebrovascular Center  
Director, Vascular Neurology Fellowship Program  
Endovascular Surgical Neuroradiology  
The Cleveland Clinic Foundation  
Cleveland, Ohio

### **Mark Wholey, MD, FSCAI**

Director, Interventional Radiology  
UPMC Presbyterian Shadyside-Shadyside Campus  
Pittsburgh, Pennsylvania

## *Allegheny General Hospital Faculty*

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### **Daniel Benckart, MD**

Associate Professor, Cardiovascular and Thoracic Surgery  
Drexel University College of Medicine  
Department of Thoracic and Cardiovascular Surgery  
Gerald McGinnis Cardiovascular Institute

### **Jon Brillman, MD, FRCPI**

Professor of Neurology  
Drexel University College of Medicine  
Chairman, Department of Neurology

### **Ankur Doshi, MD, FACEP**

Assistant Professor of Emergency Medicine  
Drexel University College of Medicine  
Director, Post-Arrest Reanimation Service  
Section of Emergency Resuscitation  
Department of Emergency Medicine

### **David Lasorda, DO, FACC**

Associate Professor, Medicine  
Drexel University College of Medicine  
Director, Interventional Cardiology Fellowship Program  
Division of Cardiology  
Department of Medicine  
Gerald McGinnis Cardiovascular Institute

### **Douglas Schulman, MD, FACC**

Associate Professor of Medicine  
Drexel University College of Medicine  
Division of Cardiology  
Department of Medicine  
Gerald McGinnis Cardiovascular Institute

## Conference Overview

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Neurocardiology is an evolving discipline that examines the interface between cardiovascular disease (CVD) and stroke. Neurologists and cardiovascular subspecialists frequently interact providing multidisciplinary care of complex vascular disease states. We seek to enhance collaboration and bridge the gap between these subspecialties with goals toward improved patient care and promoting clinical research in vascular disease.

## Intended Audience and Objectives

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This conference is intended for neurologists, neurovascular and cardiovascular specialists, cardiologists, primary care physicians, physician assistants, nurse practitioners, registered nurses, pre-hospital personnel and others interested in the treatment and long-term management of CVD and stroke. At the conclusion, participants should be able to:

- describe important differences and similarities in cardiovascular disease (CVD) and stroke prevention, classify combined risks of recurrent stroke and CVD; implement optimal secondary prevention therapy for stroke and CVD
- describe the controversy regarding medical therapy versus interventional management of PFO; reconcile the current published evidence of benefits of PFO closure versus medical therapy; define a treatment algorithm to select patients for appropriate intervention
- describe criteria to select patients who will benefit from carotid revascularization versus medical management; identify patient factors that influence decision of treatment modality; describe and manage neurological complications of carotid revascularization
- describe the evolution of acute reperfusion therapy for MI and stroke; delineate current reperfusion guidelines; compare and contrast reperfusion therapies
- describe difference in risk/benefit ratios of interventional modalities; discuss combined treatment modalities (mechanical revascularization, thrombolysis, and stenting) and optimize patient outcomes through appropriate selection of interventional modalities
- describe pathophysiology of atrial fibrillation and classify stroke risk; select patients for bridging therapy; diagnosis occult atrial fibrillation; select patients for ablation versus anti-rhythmic therapy
- classify published data and expert guidelines supporting use of induced therapeutic hypothermia; describe the algorithm for induced therapeutic hypothermia and potential complications; select patients for induced therapeutic hypothermia; manage complications of induced therapeutic hypothermia

## Accreditation

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Allegheny General Hospital is accredited by the Accreditation Council for Continuing Medical Education to sponsor continuing medical education for physicians.

Allegheny General Hospital designates this educational activity for a maximum of 7.50 *AMA PRA Category 1 Credits*™ (Friday = 1.00; Saturday = 6.50) . Physicians should only claim credit commensurate with the extent of their participation in the activity.

Application has been made to the Pennsylvania State Nurses Association, an accredited approver by the American Nurses Credentialing Centers Commission on Accreditation, for approval of 7.50 contact hours for this activity.

Application has been made to the Pennsylvania Department of Health for EMS CE credit.

Certificates of attendance will be awarded following the conference provided a completed evaluation form is submitted.

## Location and Directions

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Nemacolin Woodlands Conference Center  
Farmington, Pennsylvania

For directions to Nemacolin Woodlands, please visit their Web site at [www.nemacolin.com](http://www.nemacolin.com).



American Heart Association® | American Stroke Association®

*Learn and Live.*

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*In accordance with the Accreditation Council for Continuing Medical Education (ACCME) and the policy of Allegheny General Hospital, presenters must disclose all relevant financial relationships, which in the context of their presentation(s), could be perceived as a real or apparent conflict of interest, (e.g., ownership of stock, honoraria or consulting fees). Any identifiable conflicts will be resolved prior to the activity. Any such relationships will be disclosed to the learner prior to the presentation(s).*

## Schedule (continued)

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### Friday, November 6, 2009 • 1.0 AMA PRA Category 1 Credit™

- 6:45 p.m. Registration
- 7:00 p.m. **B U F F E T   D I N N E R**  
An Historical Perspective of Neurocardiology  
**Jon Brillman, MD**
- 8:15 p.m. Evaluation
- 8:30 p.m. **A D J O U R N M E N T**

### Saturday, November 7, 2009 • 6.5 AMA PRA Category 1 Credits™

- 7:30 a.m. Registration and Continental Breakfast  
**V I S I T   E X H I B I T S**
- 8:00 a.m. Welcome and Introduction  
**Ashis Tayal, MD**  
**Michael Fallert, MD**
- 8:10 a.m. Cardiovascular and Stroke Prevention Therapy:  
Important Differences and Similarities  
**Douglas Schulman, MD**
- 8:50 a.m. Transcatheter Closure of PFO *versus* Medical  
Management for Ischemic Stroke Prevention  
**David Lasorda, DO**
- 9:30 a.m. Carotid Revascularization: Carotid Stenting and  
Endarterectomy: Optimal Patient Selection and  
Management of Neurological Complications  
**Mark Wholey, MD**  
**Daniel Benckart, MD**
- 10:20 a.m. **B R E A K • V I S I T   E X H I B I T S**
- 11:00 a.m. Reperfusion: A Comparison of the Evolving  
Approaches to Acute Management of Myocardial  
Infarction and Ischemic Stroke  
**Michael Fallert, MD**  
**Ashis Tayal, MD**
- 12:10 p.m. **B U F F E T   L U N C H**
- 1:30 p.m. Interventional Management of Ischemic Stroke  
**Rishi Gupta, MD**
- 2:30 p.m. Atrial Fibrillation and Ischemic Stroke  
**David Callans, MD**
- 3:30 p.m. Induced Therapeutic Hypothermia for Cardiac  
Arrest and Anoxic Brain Injury  
**Ankur Doshi, MD**
- 4:15 p.m. Evaluation
- 4:30 p.m. **A D J O U R N M E N T**

## Accommodations

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A block of rooms has been reserved at Nemaocolin Woodlands — slightly more than a one-hour drive from Pittsburgh. Special conference rates are \$139/night + tax for a Chateau room. Townhouses are also available. Reservations may be made by calling 1 (800) 422-2736 or (724) 329-8555. Please be sure to mention you are with the *Neurocardiology Conference* to take advantage of the special conference room rates.

### Hotel Reservation Deadline: October 23, 2009

Nemaocolin Woodlands offers 15% discount on retail purchases in all retail shops and 10% discount on all resort activities including spa services. Spa access fee is waived including complementary health club usage. For more information about Nemaocolin Woodlands and the numerous recreational activities, please visit their Web site at [www.nemaocolin.com](http://www.nemaocolin.com).

## Activities

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*Nemaocolin Woodlands Resort* offers a variety of activities. Enjoy a great game of golf, relax at the Spa or visit the Marina. The Adventure Center offers mountain biking and the Equestrian Center offers a variety of trail rides for all levels. The Fatbird Carriage Safari is a must. The Wildlife Academy, as well as the Activity Center, provides fun for all ages. Visit [www.nemaocolin.com](http://www.nemaocolin.com) for detailed information.

Another local attraction is *Frank Lloyd Wright's Fallingwater* which is recognized as one of Wright's most acclaimed works. Reservations for a tour of the house and grounds are essential. Visit [www.fallingwater.org](http://www.fallingwater.org) or call (724) 329-8501 for detailed information and tickets.

*Kentuck Knob* was designed by Frank Lloyd Wright in the last decade of his career. Constructed of tidewater red cypress, glass, and 800 tons of native sandstone, with a copper roof, the home embodies Mr. Wright's principles of organic architecture. Visit [www.kentuckknob.com](http://www.kentuckknob.com) or call (724) 329-1901 for detailed information.

*Fort Necessity National Battlefield* is the site of George Washington's first battle, his only surrender and the beginning of the French and Indian War. Call (724) 329-5811 for detailed information.

## Additional Information

For additional information, contact the Continuing Medical Education office by calling (412) 359-4952, by e-mail: [cjackel@wpahs.org](mailto:cjackel@wpahs.org) or by fax at (412) 359-8218.

## Refund Policy

A refund of the registration fee, less a 10% processing fee, will be made when a written request or a telephone request followed by a written confirmation is received prior to **October 30, 2009**. After this date, refunds will not be made. Fees will not be refunded for failure to attend.

Allegheny General Hospital reserves the right to cancel or postpone any conference because of unforeseen circumstances or insufficient enrollment. In the event of such cancellation, full tuition will be refunded.

## Registration Information

The registration fee includes course materials, continental breakfasts, lunch and break refreshments.

**Fee:** \$100 Physicians  
\$60 Others  
\$30 WPAHS Employee  
\$20 Friday Dinner Lecture (*Conference Registrant*)  
\$20 Friday Dinner Lecture (*Adult Guest*)  
\$10 Friday Dinner Lecture (*Child ages 3-11*)

**Deadline:** **October 30, 2009**  
(After this date, registrations will be taken on a space available basis.)

**To Register: Telephone registrations are not accepted.**  
Complete the registration form and return it with the registration fee to:

Continuing Medical Education  
Allegheny General Hospital  
320 East North Avenue  
Pittsburgh, Pennsylvania 15212-4772  
(412) 359-4952  
(412) 359-8218 Fax

The preferred method of payment is VISA, MasterCard, American Express or Discover; however, checks will be accepted made payable to **Allegheny General Hospital**.

## Neurocardiology in Clinical Practice: The Heart Brain Connection Friday and Saturday, November 6-7, 2009

**Please indicate:**  I would like a vegetarian lunch.

**Please indicate:** \_\_\_ # Registrants attending Friday Dinner Lecture @ \$20.00  
\_\_\_ # Adult Guests attending Friday Dinner Lecture @ \$20.00  
\_\_\_ # Children ages 3-11 attending Friday Dinner Lecture @ \$10.00

Name \_\_\_\_\_  
(print name and degree, if applicable, as you wish it to appear on badge)

Degree \_\_\_\_\_ Specialty \_\_\_\_\_  
(for accreditation purposes)

Occupation \_\_\_\_\_

Hospital or Organization \_\_\_\_\_

Home or  Business Address (including department):  
(where you prefer mail to be sent)

\_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Day Telephone ( ) \_\_\_\_\_

FAX# ( ) \_\_\_\_\_

E-mail \_\_\_\_\_

**Method of Payment:**  Credit Card  Check

Total Amount \$ \_\_\_\_\_

**Credit Card:**  VISA  American Express  
 MasterCard  Discover

Card # \_\_\_\_\_ Exp. Date \_\_\_\_\_

Name as it appears on card \_\_\_\_\_

Signature \_\_\_\_\_

If you require assistance with hearing, vision or mobility to make this conference accessible to you, please check this box and contact the CME office at (412) 359-4952 two weeks prior to the conference date.