UPMC STROKE INSTITUTE

COURSE DIRECTORS

Tudor G. Jovin, MD
Professor of Neurology and Neurological Surgery
Director, UPMC Stroke Institute
Department of Neurology

Ashutosh P. Jadhav, MD, PhD
Assistant Professor of Neurology and Neurological Surgery
UPMC Stroke Institute
Department of Neurology

STROKE UPDATE 2017

Friday, September 29, 2017

Westin Convention Center Hotel

Pittsburgh, Pennsylvania

Sponsored by:
University of Pittsburgh School of Medicine
Center for Continuing Education in the Health Sciences
UPMC Stroke Institute, Department of Neurology
**Objectives**

- Summarize research regarding the use of prehospital neuroprotectants
- Describe the management priorities of patients with large territory infarcts
- Identify two typical presentations of vascular anomalies
- Explain the strategies to maximize functional recovery after stroke
- Demonstrate an evidence based evaluation for strokes classified as cryptogenic
- Distinguish the benefits of varying treatment for TIA
- Interpret the impact of the DAWN trial results on acute stroke treatment options
- Define the association between malignancy and acute ischemic stroke
- List three symptoms associated with posterior stroke syndromes
- Summarize the rationale for integrating evidence based medicine and clinical experience in the care of patients

**Who Should Attend**

Neurologists, neurosurgeons, interventionalists, emergency medicine physicians, radiologists, cardiologists, family practitioners, internists, nurses, nurse practitioners, pre-hospital personnel and hospital administrators.

**Continuing Education Credit**

The University of Pittsburgh School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. The University of Pittsburgh School of Medicine designates this live activity for a maximum of 6.5 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Other health care professionals are awarded 0.6 continuing education units (CEU’s) which are equal to 6.5 contact hours.

**Nursing:** UPMC Provider Unit is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center’s Commission on Accreditation.

To receive 6.5 contact hours, the learner must attend the entire activity and complete the activity evaluation. No partial hours/credits will be awarded.
Course Schedule ~ Friday, September 29, 2017

7:00 am    Registration and Continental Breakfast
7:45 am    Conference Overview
            Tudor G. Jovin, MD

8:00 am    Neuroprotection Starts in the Field
            Michael Hill, MD, MSc, FRCPC

8:45 am    Management of Large Territory Infarcts
            Bradley Molyneaux, MD, PhD

9:15 am    Untangling Cerebral Dural Arteriovenous Fistulas
            Bradley Gross, MD

9:45 am    BREAK

10:15 am   Return to Driving After Stroke
            Jennifer Shen, MD

10:45 am   Decrypting Cryptogenic Stroke
            Matthew Starr, MD

11:15 am   New Horizons: Results and Impact of the DAWN Trial
            Tudor G. Jovin, MD

Noon       LUNCH

1:00 pm    Stroke in the Setting of Malignancy
            Marcelo Rocha, MD, PhD

1:30 pm    Debate: Treatment Paradigms for TIA
            TIA is best managed with admission for urgent evaluation
            Lawrence R. Wechsler, MD
            TIA can be safely evaluated with rapid outpatient work-up
            Jon Rittenberger, MD

2:15 pm    BREAK

2:30 pm    Basilar Occlusion & Posterior Circulation Stroke
            Ashutosh P. Jadhav, MD, PhD

3:00 pm    Case Review and Discussion
            Moderator: Tudor G. Jovin, MD

3:45 pm    Question & Answer
            Moderator: Tudor G. Jovin, MD

4:00 pm    Conference Adjournment

Course Directors

Tudor G. Jovin, MD
Professor of Neurology and Neurological Surgery
University of Pittsburgh School of Medicine
Director, UPMC Stroke Institute
Pittsburgh, PA

Ashutosh P. Jadhav, MD, PhD
Assistant Professor of Neurology and Neurological Surgery
University of Pittsburgh School of Medicine
Pittsburgh, PA

Guest Faculty

Michael Hill, MD, MSc, FRCPC
Professor of Clinical Neurosciences, Community Health Sciences, Medicine and Radiology
University of Calgary
Calgary, AB Canada

Local Faculty

Bradley Gross, MD
Assistant Professor Neurological Surgery
University of Pittsburgh School of Medicine
Pittsburgh, PA

Bradley Molyneaux, MD, PhD
Assistant Professor of Neurology and Critical Care Medicine
University of Pittsburgh School of Medicine
Pittsburgh, PA

Jon Rittenberger, MD
Associate Professor of Emergency Medicine
University of Pittsburgh School of Medicine
Pittsburgh, PA

Marcelo Rocha, MD, PhD
Assistant Professor Neurology
University of Pittsburgh School of Medicine
Pittsburgh, PA

Jennifer Shen, MD
Clinical Assistant Professor of Physical Medicine & Rehabilitation
University of Pittsburgh School of Medicine
Pittsburgh, PA

Matthew Starr, MD
Assistant Professor of Neurology
University of Pittsburgh School of Medicine
Pittsburgh, PA

Lawrence R. Wechsler, MD
Chairman, Department of Neurology
Professor of Neurology and Neurological Surgery
University of Pittsburgh School of Medicine
Pittsburgh, PA

All individuals in a position to control the content of this education activity are required to disclose all relevant financial relationships with any proprietary entity producing, marketing, re-selling, or distributing health care goods or services, used on, or consumed by, patients.
Registration Information

Early Registration
- Available until September 1, 2017
- Three options for registration submission: (1) online, (2) by fax or (3) U.S. Mail

Late Registration
- Available between September 2, 2017 and September 22, 2017
- Additional fee required (see page 5)

On-site Registration
- Available on-site September 29, 2017
- Additional fee required (see page 5)

You may register by:
- **Online Registration**
  Registering online is the quickest and easiest way to reserve your space at CCEHS conferences.
  1. Visit our online registration site at [https://ccehs.upmc.com](https://ccehs.upmc.com)
  2. Select Upcoming Events.
  3. Select course listed by date.
  4. Click the Registration button and enter all the requested information (including an email address) and follow the prompts to submit your registration after entering your payment information.
  5. Print the automatic electronic registration confirmation email sent to the email address you provided when you registered. If you do not receive this confirmation, please contact us at (412) 647-8232.

A confirmation letter will be emailed if registration is completed by mail or fax by the pre-registration deadline. If you register online, you will receive an immediate email confirmation message.

- **Faxing Registration**
  Fax all pages of your registration form (pages 7 and 8) to (412) 647-8445.

- **Mailing Registration**
  Mail the registration form to the address listed on page 9. Be sure to mail all the pages of the registration form.
  A confirmation letter will be emailed if registration is completed by mail or fax by the pre-registration deadline.
  
  Please note: Registration is not complete until you receive your email confirmation letter. If you do not receive this letter within 5-7 days of registration, please contact us at (412) 647-2754.

  You must bring your confirmation letter with you to the conference.

Cancellation

All cancellations must be in writing, via U.S. mail, email or fax. Tuition for cancellations postmarked or date-stamped on or before September 1, 2017 will be refunded less a $40 administrative fee. No refunds will be made after September 1, 2017. Cancellation requests can be made to:

  Holly Kromer
  UPMC Stroke Institute
  200 Lothrop Street, PUH, C-426, Pittsburgh, PA 15213
  Email: strokeconf@upmc.edu
  Phone: (412) 647-2754 • Fax: (412) 647-8445

The UPMC Center for Continuing Education in the Health Sciences reserves the right to cancel this program if sufficient registrations are not received. In the case of cancellation, the department will fully refund registration fees.

Registration Fees

<table>
<thead>
<tr>
<th></th>
<th>Early Fee</th>
<th>Late &amp; On-site Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>On or Before September 1, 2017</td>
<td></td>
<td>After September 1, 2017</td>
</tr>
<tr>
<td>Physicians</td>
<td>$140</td>
<td>$160</td>
</tr>
<tr>
<td>Nurses &amp; Other Health Care Professionals</td>
<td>$85</td>
<td>$100</td>
</tr>
</tbody>
</table>

Registration fee includes:
- Continuing education credit
- Registration and course materials
- Continental breakfast, refreshments and lunch
Meeting Location and Overnight Accommodations

This year’s conference will be held at the Westin Convention Center Hotel, located at 1000 Penn Avenue, Pittsburgh, PA 15222.

A block of hotel rooms has been reserved at a discounted rate at the Westin Convention Center Hotel for our conference attendees. You may make reservations at your own discretion. The room block is limited and only available until September 8, 2017 at 5:00 pm. We cannot guarantee availability or rate once the block expires or the block is filled, whichever occurs first.

In order to reserve a room at the discounted rate of $159.00 Single/Double plus 14% applicable state and local taxes, please call the Westin Convention Center Hotel at 1-412-560-6365 and mention you are attending the 21st Annual Stroke Update.

Room temperature can vary and be difficult to control; please dress accordingly to maintain your comfort.

Special Needs

Participation by all individuals is encouraged. Advance notification of any special needs will help us provide better service. Please notify us of your needs at least two weeks in advance of the program by calling (412) 647-2754.

Visit the Center for Continuing Education in the Health Sciences Website

Our Internet address is https://ccehs.upmc.com

The UPMC Center for Continuing Education in the Health Sciences invites you to visit our website. Receive information on CE programs, earn CE credits on the Internet, and access information about our formal courses and much more. Discover who we are and how you can contact us. Please visit our website often to get updated information on upcoming programs.

Registration Form (for use only if not registering online)

STROKE UPDATE 2017

Friday, September 29, 2017

> Please type or print. Please photocopy both sides of this form for additional registrants.

> No registration will be accepted without payment.

Last FIVE Digits of Social Security Number* ___  –  ___  ___  ___  ___  ___  
Prefix  □  Mr.  □  Mrs.  □  Dr.  □  Ms.  □  Other, please indicate __________
First Name ____________________________________________________________
Last Name ____________________________________________________________
Suffix (Jr., Sr., etc.) __________________________________________________
Company/Institutional Affiliation _________________________________________
Specialty _____________________________________________________________
Email Address ________________________________________________________
Degree*  □  MD  □  DO  □  Resident  □  PhD  □  MPH  □  RN  □  Other, please indicate__________________________
Address ______________________________________________________________
City ______________________________ State________ ZIP Code _______________
Work Telephone (_____) ________________________________________________
Fax (_____) _________________________________________________________
How did you hear about this conference? □  Direct Mail  □  Email  □  Place of Employment  □  Word of Mouth

Registration Fees

<table>
<thead>
<tr>
<th></th>
<th>Early Fee</th>
<th>Late &amp; On-site Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>On or Before</td>
<td>Late &amp; On-site Fee</td>
<td></td>
</tr>
<tr>
<td>September 1, 2017</td>
<td>September 1, 2017</td>
<td></td>
</tr>
<tr>
<td>Physicians</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>$140</td>
<td>$160</td>
</tr>
<tr>
<td>Nurses &amp; Other Health Care Professionals</td>
<td>$ 85</td>
<td>$100</td>
</tr>
</tbody>
</table>

*required

continued on page 8
Method of Payment

The following methods of payment are acceptable for the registration fee:

- **Checks.** Make payable to *University of Pittsburgh.*
  - Employer check included
  - Personal check included
  - Employer or Personal check to arrive under separate cover. If your employer or personal check is arriving under separate cover, you may send or fax in your completed registration form now, but you must complete the Credit Card Payments section below with valid credit card information in order to hold your reservation. If the check payment is not received by four weeks post course, we will charge the registration fee to the credit card number provided.

  *There is a $25.00 returned check fee.*

- **Credit Card Payments**

  Credit card payments may only be made online at [https://ccehs.upmc.com](https://ccehs.upmc.com).
  If you encounter problems registering at this site please call (412) 647-8232.

- **UPMC Journal Entry Transfer**

  If you are a UPMC employee and your department will be responsible for payment, we can charge your department directly. **DO NOT SUBMIT a disbursement to UPMC Accounts Payable. Complete the following:**

  Business unit ________________________________
  Account number ________________________________
  Department ID number __________________________
  Authorized department signature __________________
  Telephone number ________________________________

  *NO REGISTRATION WILL BE ACCEPTED WITHOUT PAYMENT.*

Mail payment, accompanied by the registration form to:

UPMC Stroke Institute
ATTN: Stroke Update 2017
PUH, C-426
200 Lothrop Street
Pittsburgh, PA 15213

For additional information, contact:
Holly Kromer
UPMC Stroke Institute
200 Lothrop Street, PUH, C-426
Pittsburgh, PA 15213
Email: strokeconf@upmc.edu
Phone: (412) 647-2754 • Fax: (412) 647-8445

*The University of Pittsburgh is an affirmative action, equal opportunity institution.*