Thank you for attending. Please click on the green enroll button to begin the steps to claim your credit.

***If this is the first time you are registering for a Penn CME course, please click the gray REGISTER button above, next to Log In and create a new account/profile. You will then be able to view, select registration fee and click the PURCHASE button on this page.***

**Note you must be logged in and have a complete profile on the Penn CME website in order to register**

### Any one day registration

<table>
<thead>
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### All three days

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<td>Residents/Fellows</td>
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</tbody>
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Program Description:

Program Overview & Target Audience:
This course is designed as a multi-part educational activity over three days, and the parts can be taken individually or together. The first day, *Advances in Stroke 2017*, reviews the latest developments in stroke therapeutics, including both acute and preventative therapies. This will include new data on a variety of pharmacologic, surgical, and endovascular approaches for stroke treatment. A case-based format will be utilized throughout to illustrate the clinical relevance of the latest research findings. The second day, *Foundations of Neurologic Practice 2017: Common Problems in Clinical Neurology*, is designed to enhance the diagnostic and management skills related to neurologic conditions most frequently encountered in clinical practice. Speakers will provide a symptom-based approach to diagnosis and a review of the latest literature informing treatment decisions. Course topics are designed to simulate encounters as they would appear in actual clinical practice. The third day, *Foundations of Neurologic Practice 2017: Advanced Neurology*, explores the latest groundbreaking science and diagnostic and therapeutic innovations in epilepsy, neuromuscular disease, autoimmune neurology, and neurodegenerative diseases.
This activity has been designed for Neurologists, Internal Medicine and Family Practice Physicians, Cardiologists, Radiologists, Emergency Medicine Physicians, Nurses, Nurse Practitioners, Physician Assistants, and other healthcare professionals.

**Advances in Stroke 2017 Objectives:**
Upon completion of the program, participants should be able to:

- Accurately select patients with acute ischemic stroke for thrombolytic therapy
- Implement measures to speed delivery of thrombolytic therapy
- Discuss the role of mechanical thrombectomy in acute ischemic stroke
- Optimize treatment of patients with intracerebral hemorrhage
- Implement optimal pharmacologic therapies to minimize stroke recurrence
- Assess features of patients at high-risk of undetected paroxysmal atrial fibrillation and review diagnostic tools to identify paroxysmal atrial fibrillation in these patients
- List current treatment options for patients with stroke and atrial fibrillation
- Evaluate options for intervention in asymptomatic carotid stenosis
- Determine the role of PFO in stroke

This course meets the 8 hour annual CME requirement for stroke center certification.

**Foundations of Neurologic Practice 2017 Objectives:**
Upon completion of the program, participants should be able to:

**Day 2**
Confidently perform a detailed neuromuscular examination and efficiently record findings in the electronic medical record

- Identify patterns of aging nervous system function and answer questions about mitigating cognitive decline by physical, dietary, and mental exercise
- Perform head-thrust and Dix-Hallpike manoeuvers and distinguish causes of acute vestibular syndrome
- Explain uses and adverse effects of new anti-epileptic drugs with particular consideration of adjusting treatment approach to women
- Evaluate a patient with medically unexplained physical symptoms with sensitive and effective strategies to mitigate symptoms
- Perform a cost-effective workup of polyneuropathy
- Identify headache patterns requiring specific approaches such as the Cefaly device and botulinum toxin
- Discuss the role of vitamin D in neurologic disease treatment
- Review optic neuritis and idiopathic intracranial hypertension
- Explain white matter abnormalities on MRI that are not suggestive of MS or other neurologic disease
- Choose appropriate pharmacotherapy for neurogenic bladder
- Evaluate concussion following guidelines for return to activity
- Construct individualized management plan and strategies for neuropathic pain including cannabis

**Day 3**
Review the names and indications of the medications and devices that have become available for the treatment of Parkinson's disease, neuromuscular diseases and epilepsy over the last 5 years.

Describe the changes in DBS technology that are expected to become clinically available over the next 5 years.
Cite the common pathologic changes that lead to neurodegeneration, according to the latest animal and human studies.

Discuss the diagnostic tests for muscle disease and autoimmune encephalitis that have become available over the last 5 years.

**Registration Fees:**
The registration fees for Advances in Stroke 2017 and Foundations of Neurologic Practice 2017 (Thursday, Friday and Saturday attendance) is $550 for Physicians and Industry personnel, $350 for Nurses and Healthcare Professionals and $200 for Residents and Fellows.
The registration fees for any combination of two days (Thursday, Friday and/or Saturday) are $400 for Physicians and Industry personnel, $250 for Nurses and Healthcare Professionals or $125 for Residents and Fellows.
The registration fees for single-day attendance (Thursday, Friday or Saturday) are $250 for Physicians and Industry personnel, $150 for Nurses and Healthcare Professionals or $75 for Residents and Fellows.
Penn Medicine faculty, employees and staff will receive a 50% discount off of the above rates. A copy of your Penn Medicine ID or ID number is required. Please email penncme@mail.med.upenn.edu [2] or call 215-898-8005 for the Penn Medicine code to use when registering online.
The registration fee includes attendance to the conference (Advances in Stroke 2017, Foundations of Neurologic Practice 2017 OR any part thereof), a course booklet, a link to view the presentations online and a link to obtain your certificate. Continental breakfast(s), all breaks and lunch(es) are also included. All registrations will be confirmed by email as long as your registration is received no later than October 20, 2017.

**Meeting Location:**
Advances in Stroke/Foundations of Neurologic Practice 2017 will be held Thursday-Saturday, November 2-4, 2017 at the Smilow Center for Translational Research [3], Perelman School of Medicine at the University of Pennsylvania, 3400 Civic Center Boulevard, Philadelphia, Pennsylvania, 19104.
**Directions & Parking:** The Arthur H. Rubenstein Auditorium is located on the 1st Floor level of the Smilow Translational Research Center. Smilow TRC is connected to the Perelman Center for Advanced Medicine and is located at 3400 Civic Center Blvd, Philadelphia, PA. We strongly recommend you GPS or use an online driving directions site (such as mapquest.com, drivingdirections.com or googlemaps.com) for exact directions to and from your starting point or if you prefer, to take public transportation to and from campus, please visit http://www.upenn.edu/services/transportation [4] for options.
On Thursday and Friday, November 2-3, the 3600 Civic Center Blvd Parking Garage [5] is open for public parking. This garage is accessible from Civic Center Blvd and is located at Civic Center Blvd and West Service Drive (next to the Colket Research Center). Smilow TRC is about a 5 minute walk from this parking garage. Parking is $20 per day. This garage is only open Monday-Friday. It is closed on weekends.
On Saturday, November 4th, the Perelman Center for Advanced Medicine garage (3400 Civic Center Blvd) is open and available to those attending the Advances in Stroke/Foundations of Neurologic Practice attendees. Parking is approximately $20 per day.
Parking fees are the responsibility of the attendee and are not reimbursed by the course.

**Overnight Accommodation Options:**
There are no special room rates for course participants. Please contact the following hotels directly if you are interested in overnight room reservations:

Homewood Suites by Hilton [6]
4109 Walnut Street
Philadelphia, PA, 19104
215-382-1111
*Homewood Suites offers a complimentary shuttle service*

The Inn at Penn [7]
3600 Sansom Street
Philadelphia, PA 19104
215-222-0200

Sheraton University City Hotel [8]
3600 Chestnut Street
Philadelphia, PA 19104
215-387-8000

**Accreditation:**
Physicians: The Perelman School of Medicine at the University of Pennsylvania is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Nurses: Penn Medicine Nursing is an approved provider of continuing nursing education by the Pennsylvania State Nurses Association, an accredited approver by the American Nurses Credentialing Center’s Commission on Accreditation. Approval # 124-3-H-15.

Designation of Credit:
Physicians: The Perelman School of Medicine at the University of Pennsylvania designates this live activity for a maximum of 21.0 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Day 1 Advances in Stroke 2017 – 7.5 AMA PRA Category 1 Credits™
Days 2 Foundations of Neurologic Practice 2017, Common Problems in Clinical Neurology – 8.0 AMA PRA Category 1 Credits™
Days 3 Foundations of Neurologic Practice 2017, Advanced Neurology – 5.5 AMA PRA Category 1 Credits™

Nurses: The program will award 20.5 contact hours.

Day 1 Advances in Stroke 2017 – 6.75 contact hours
Optional Session “Joint Commission Stroke Center Certification” - 0.5 contact hours
Days 2 Foundations of Neurologic Practice 2017, Common Problems in Clinical Neurology – 7.0 contact hours
Optional Early Session “Practice Your Examination Skills” - 1.0 contact hours
Days 3 Foundations of Neurologic Practice 2017, Advanced Neurology – 5.25 contact hours

Physician Assistants: AAPA accepts certificates of participation for educational activities certified for AMA PRA Category 1 Credit™ from organizations accredited by ACCME or a recognized state medical society. PAs may receive a maximum of 21.0 Category 1 credits for completing this activity.

Cancellation and Refund Policy:
In order to process refunds for course withdrawals, cancellations must be received in writing by October 20, 2017 (subject to a service charge of 10% of the registration fee but not less than $15.00). No refunds will be issued after October 20, 2017.
The University reserves the right to cancel or postpone any 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, and travel agencies.

Start and expiration dates:
Wed, 05/03/2017 - 8:00am - Wed, 12/26/2018 - 9:00pm

Live event:
Live event

Event date:
Thu, 11/02/2017 - 7:45am - Sat, 11/04/2017 - 3:15pm

Location:
Smilow Center for Translational Research
3400 Civic Center Boulevard
Arthur H. Rubenstein Auditorium
Philadelphia, PA, 19104
United States
See map: Google Maps [9]

Course format & instructions:

Please complete the required modules in order beginning with the evaluation. In the event that you are not able to complete a module
or have issues please click on this hyperlink [10] to send an e-mail to the CME Office for support.

Please look for a follow-up email from Penn CME to inform you when you will be able to claim credit. You cannot go online immediately following the course to obtain your certificate.

Please note that the last step is to click on the certificate box and claim credit. If you see the course listed on your transcript and there is no credit amount, please click on the blue certificate box and follow the prompts.

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**Physicians**

November 2nd - 7.5 AMA PRA Category 1 Credits  
November 3rd - 8.0 AMA PRA Category 1 Credits  
November 4th - 5.5 AMA PRA Category 1 Credits

**Nurses**

November 2nd - 6.75 contact hours  
Optional Session “Joint Commission Stroke Center Certification” - 0.5 contact hours  
November 3rd - 7.0 contact hours  
Optional Early Session “Practice Your Examination Skills” - 1.0 contact hours  
November 4th - 5.25 contact hours

This live activity started on **November 2nd, 2017** and is no longer available for enrollments.

Available credit:
- AAPA: 21.00
- **AMA PRA Category 1 Credit(s)™**: 21.00
- Certificate of Attendance (Designated for **AMA PRA Category 1 Credit(s)™**): 21.00
- nursing contact hours: 20.50
- physical therapist contact hours: 19.50

Activity Documents

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Program type:
- Live - Conference

Bi-yearly

Department:
- Neurology

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[Image: Image of the event flyer with details about Advances in Stroke 2017 and Foundations of Neurologic Practice 2017]
Please select...
Cardiology [11]
Emergency Medicine [12]
Internal Medicine [13]
Primary Care [14]
Radiology [15]