

## OUTLINE

### Stroke Prevention Updates

Guidelines for Modifiable Risk Factors  
Hypertension Recommendations  
Cardiac Connections  
Obesity Epidemic  
Are We Making Progress?

### Challenges of the Neuro Exam

Determining Mental Status  
Cranial Nerve Assessment Key Findings  
Differentiating the Cause When Seconds Count  
NIHSS Guidelines  
Stroke Rapid Response Teams

### Identifying Stroke Mimics and Chameleons

Interpreting Imaging & Other Diagnostics  
Metabolic Problems  
Central Nervous System Problems  
Psychiatric Disorders  
Migraine Headaches

### Acute Stroke Care

The Stroke Timeline  
Critical History Questions  
Hyper-Acute Care Standards  
Time Targets for Triage  
Key Diagnostics  
Acute Blood Pressure Management

### Ischemic Strokes

Thrombotic Strokes  
Major Symptoms by Region  
Hypercoagulable Work-up  
Embolic Strokes  
Symptoms by Arterial Involvement

### Current Management Strategies

Joint Commission Core Measures  
Fluid Management  
Seizure Management  
Intra-Arterial t-PA  
Stenting  
Therapeutic Hypothermia  
Compressive Craniectomy  
Mechanical Clot Retrieval  
MERC Retriever  
Treatments on the Horizon  
AANN Guidelines & Expected Outcomes

### Hemorrhagic Strokes

Latest Clinical Treatment Advances  
Managing Increased Intracranial Pressure  
Aneurysmal Subarachnoid Hemorrhage  
Grading Scales

### Limiting Complications of Stroke

Controversial Therapies  
Nursing Responsibilities  
New Technology Improving Outcomes

### Stroke Medication from A to Z

Anticoagulants  
Antihypertensives  
Glycemic Control  
Neurostimulants  
Thrombolytics  
Clinical Trials on the Horizon

### Expanding the Role of the Primary Stroke Center

The Transition to Comprehensive Stroke Centers  
Best Demonstrated Practices  
Updates & Improvements More than a Decade Later

Don't Miss!  
**LIVE VIDEO  
WEBCAST**

 **WED**  
December 6  
2017 Register  
Online

[pesihc.com/express/58228](http://pesihc.com/express/58228)

 Earn CE where you work! Bring this training & many others to your facility!  
[www.pesihealthcare.com/inhouse](http://www.pesihealthcare.com/inhouse)

NON-PROFIT  
ORGANIZATION  
US POSTAGE PAID  
EAU CLAIRE WI  
PERMIT NO 32729

PESI HealthCare  
P.O. Box 300  
Eau Claire, WI 54702-0900  
A division of PESI, Inc.

58228

# ADVANCES IN STROKE CARE

## ELLICOTT CITY, MD

Monday, December 4, 2017

## SILVER SPRING, MD

Tuesday, December 5, 2017

## FAIRFAX, VA

Wednesday, December 6, 2017

## LIVE VIDEO WEBCAST

Wednesday, December 6, 2017



[www.pesihealthcare.com](http://www.pesihealthcare.com)

Register now! [pesihc.com/express/58228](http://pesihc.com/express/58228)

# ADVANCES IN STROKE CARE

Technology Updates that Improve Outcomes

New Procedures that Expand the Treatment Window

The Best Medications and Key Timing Guidelines

Assessment Data You Should NEVER Miss

Making Sense of the Mimics

10 Years Later: The Evolution of the Primary Stroke Center



A NON-PROFIT ORGANIZATION CONNECTING  
KNOWLEDGE WITH NEED SINCE 1979

## ELLICOTT CITY, MD

Monday, December 4, 2017

## SILVER SPRING, MD

Tuesday, December 5, 2017

## FAIRFAX, VA

Wednesday, December 6, 2017

## LIVE VIDEO WEBCAST

Wednesday, December 6, 2017

[www.pesihealthcare.com](http://www.pesihealthcare.com)

Register now! [pesihc.com/express/58228](http://pesihc.com/express/58228)

**SEMINAR ON DVD OR CD PACKAGE** You can purchase a self-study package on the subject. You will receive a set of CDs or DVDs that include a digital copy of the seminar manual and post-test/evaluation. You and your colleagues can receive CE hours for a nominal fee. To determine if homestudy credits are available for your profession go to [www.pesihealthcare.com](http://www.pesihealthcare.com) or call 800-844-8260. Check with your licensing board to verify acceptance of self-study credits for license renewal. Order today by using the order form on this brochure or by calling 800-844-8260.

**CANCELLATION POLICY:** If you contact us before the event date, you can exchange for a DVD or CD/digital manual package on the subject (self-study continuing education credit may be available), a certificate to attend another seminar, or receive a tuition refund less a \$30 cancel fee. Substitutions are permitted at any time.

# ADVANCES IN STROKE CARE

52-year-old John presents to the ER reporting that he has a headache that just doesn't go away and his vision is a little blurry. He is sure it is just another sinus infection. As you are taking his history you notice he is slurring some of his words and suddenly he slumps over. Are you prepared for the emergency that is happening right in front of you?

Patients may present with or develop neurological symptoms at any time, making it essential that healthcare providers possess the ability – and the confidence – to quickly assess these changes and intervene appropriately. Stroke patients have a short window for treatment and they depend on your expertise. Join Cedric McKoy, MSN, ACNP, for this in-depth look at the advances in stroke management. Every nurse needs to know these critical concepts in order to provide the best and most up-to-date care to patients and their families. Cedric is well known for his ability to make complex concepts understandable and provides useful tips and tools you can immediately put into practice. Register today and be prepared to make the difference between a good and bad outcome when faced with your next stroke emergency.

## SPEAKER

**Cedric McKoy, MSN, ACNP**, is a neuro-intensive care nurse practitioner and the Associate Director of the Comprehensive Stroke Center at the University of Chicago Medical Center (UCMC). UCMC serves close to 500 stroke patients annually and includes a neurointensive care unit for patients with ICH, ischemic stroke, subarachnoid hemorrhage, brain tumors, traumatic brain injuries, myasthenia gravis, Guillain-Barré syndrome, and acute disseminated encephalomyelitis.

As an acute care nurse practitioner, Cedric works with a team of neuro-intensivists to assess and develop care plans for ICU patients, as well as providing hospital wide consultation for neuro patients. In his role as the Stroke Center Coordinator, Cedric trains critical care nurses and is responsible for TJC data collection for the hospital's stroke patient population. He also contributed to the development of the Stroke Management Guidelines for the UCMC.

A graduate of the University of Wisconsin-Madison and Loyola University-Chicago, Cedric is a member of the American Association of Critical Care Nurses, American Stroke Association and the Stroke Action Alliance.

### Speaker Disclosures:

Financial: Cedric McKoy is the Stroke Center Coordinator for The University of Chicago Medical Center. He receives a speaking honorarium from PESI, Inc.

Non-financial: Cedric McKoy has no relevant non-financial relationships to disclose.

## LIVE WEBCAST DETAILS

**Join us on December 6, 2017, for this live, interactive webcast!**

Invite your entire office and, like a live seminar, "attend" the webcast at its scheduled time. It's easy and convenient! Webcasts provide everything you need for a premier educational experience including real-time video and audio of the speaker. See and hear the speaker and watch the slides all on your computer screen. Seminar materials are available for download. One CE Certificate is included. Only \$19.99 per CE Certificate for each additional participant.

**Target Audience:** Nurses • Nurse Practitioners • Clinical Nurse Specialists • Physician Assistants  
Stroke Management Teams

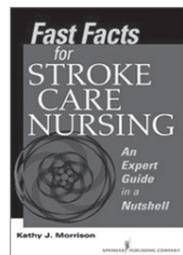
**Have a seminar idea? A manuscript to publish?** The nation's top speakers and authors contact us first. If you are interested in becoming a speaker, or have a new topic idea, please contact Val Whitehead at [vwhitehead@pesi.com](mailto:vwhitehead@pesi.com) or call (715) 855-8166.

★ **Satisfaction 100% Guaranteed** ★

## OBJECTIVES

1. Summarize the latest clinical advances in stroke assessment and treatment.
2. Describe the rationale behind acute perfusion strategies, including the indications and contraindications with t-PA and Mechanical Clot retrieval.
3. Explain the role of a Stroke Rapid Response Team.
4. Demonstrate a focused neurological exam for the patient potentially experiencing a stroke.
5. Compare ischemic and hemorrhagic strokes.
6. Develop a plan of care for a patient in the hyper-acute stage of stroke treatment.

### SAVE BY INCLUDING THESE PRODUCTS WITH SEMINAR REGISTRATION!



#### **Fast Facts for Stroke Care Nursing: An Expert Guide in a Nutshell**

By Kathy Morrison, MSN, RN, CNRN

This highly practical, pocket-sized reference for stroke care nurses provides quick, bedside access to the most current guidelines for diagnostic tests, state-of-the-art treatments, and best-practice standards. This resource distills lengthy and often complex national stroke care guidelines into clear, bite-size pieces of information. It also explains the rationale behind stroke standards, making them easier to embrace and incorporate into practice.

The book is organized consistently to foster rapid information retrieval. Each chapter includes objectives and such helpful features as "Fast Facts in a Nutshell," targeted segments that provide critical information at a glance. The guide also serves as an instructive resource for nurses not specializing in neurology but who are increasingly being called on to care for stroke patients. The book is also a helpful resource for stroke program coordinators and as a review for SCR/N and CNRN certification exams.



#### **Pathophysiology: A Plain English Approach, Second Edition**

By Mikel A. Rothenberg, MD & Dr. Jennifer Hill, DVP, ARNP

Detailed illustrations bring the concepts of pathophysiology elements to life. Crossword puzzles, metaphors, tables, clinical presentations, and mnemonics are used to aid learning - and make it fun. (2014)

Visit our Online Product Store: [www.pesihealthcare.com/store](http://www.pesihealthcare.com/store)

### Live Seminar & Webcast Schedule

<b>7:30</b> Registration/Morning Coffee & Tea	<b>(Times Listed in Eastern)</b> 10 - 15 minute mid-morning and mid-afternoon breaks For locations and maps, go to <a href="http://www.pesihealthcare.com">www.pesihealthcare.com</a> , find your event, and click on the seminar title.
<b>8:00</b> Program begins	
<b>11:50-1:00</b> Lunch (on your own)	
<b>4:00</b> Program ends	

Questions?  
Call customer service at  
**800-844-8260**

### Live Seminar & Webcast Continuing Education Credit Information

**Credits listed below are for full attendance at the live event only.** Certificates of Completion are distributed at the conclusion of the live seminar for those who register prior to the event date and attend the full day. A letter of attendance will be issued to participants who register at the event, arrive late, or leave early. For those who registered day of (walk-ins), and are in full attendance, a certificate of completion for full CE credit will be sent within 30 days following the event. For those in partial attendance (arrived late or left early), an adjusted certificate of completion reflecting partial credit will be issued within 30 days (if your board allows). Please see "live seminar schedule" for full attendance start and end times. NOTE: Boards do not allow credit for breaks or lunch.

If your profession is not listed, please contact your licensing board to determine your continuing education requirements and check for reciprocal approval. For other credit inquiries not specified below, or questions on home study credit availability, please contact [cepesi@pesi.com](mailto:cepesi@pesi.com) or 800-844-8260 before the event.

Materials that are included in this course may include interventions and modalities that are beyond the authorized practice of mental health professionals. As a licensed professional, you are responsible for reviewing the scope of practice, including activities that are defined in law as beyond the boundaries of practice in accordance with and in compliance with your professions standards.

PESI, Inc. offers continuing education programs and products under the brand names PESI, PESI Healthcare, PESI Rehab and Psychotherapy Networker.

**NURSES/NURSE PRACTITIONER/CLINICAL NURSE SPECIALISTS:** PESI, Inc. is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

Nurses in full attendance will earn 6.3 contact hours. PARTIAL CONTACT HOURS WILL BE AWARDED FOR PARTIAL ATTENDANCE.

**NURSE PRACTITIONERS:** This program offers 120 instructional minutes of pharmacology content which is designed to qualify for 2.0 contact hours toward your pharmacology requirement to receive credit. It is your responsibility to submit your certificate of successful completion and a copy of the seminar brochure to your licensing board.

**PHYSICIAN ASSISTANTS:** This program is not yet approved for CME credit. Conference organizers plan to request 6.25 hours of AAPA Category 1 CME credit from the Physician Assistant Review Panel. Total number of approved credits yet to be determined.

**OTHER PROFESSIONS:** This activity qualifies for 380 minutes of instructional content as required by many national, state and local licensing boards and professional organizations. Save your course outline and certificate of completion, and contact your own board or organization for specific requirements.

## How to Register

ADVANCES IN STROKE CARE  
Questions? Visit [www.pesihealthcare.com/faqs](http://www.pesihealthcare.com/faqs), or call 800-844-8260

**ONLINE**  
[pesihc.com/express/58228](http://pesihc.com/express/58228)

**PHONE**  
**800-844-8260**  
Please have credit card available

**FAX**  
**800-554-9775**

**MAIL**  
PESI HealthCare  
PO BOX 900  
Eau Claire, WI  
54702-0900

### 2 Check location: (make copy of locations)

**ELLCOTT CITY, MD** 58228ELL  
**December 4, 2017**  
Turf Valley Resort & Conference Center  
2700 Turf Valley Rd • 21042 • (410) 465-1500

**SILVER SPRING, MD** 58228SLV  
**December 5, 2017**  
DoubleTree Silver Spring  
8727 Colesville Rd • 20910 • (301) 589-5200

**FAIRFAX, VA** 58228FAI  
**December 6, 2017**  
Hilton Garden Inn Fairfax  
3950 Fair Ridge Dr • 22033 • (703) 385-7774

**LIVE VIDEO WEBCAST** PLW58228  
**December 6, 2017**  
Broadcast LIVE to your computer!

**Register now!**  
[pesihc.com/express/58228](http://pesihc.com/express/58228)

### ADA needs:

We would be happy to accommodate your ADA needs; please call at least two weeks prior to the seminar date.

Walk-ins are welcome but admission cannot be guaranteed. Call M-F 7:00-6:00 Central Time for space availability if registering within one week of seminar.

### Tuition Options:

\$30 Tuition: If you are interested in being our registration coordinator for the day, go to: [www.pesihealthcare.com/coord](http://www.pesihealthcare.com/coord) for availability and job description, or call our Customer Service Dept. at 800-844-8260.

Groups of 10 or more: Call 800-844-8260 for discounts.

Discounted Military Rate: PESI Inc. is proud to offer a \$20 tuition discount on live seminar tuition for veterans and active duty military personnel. **Advance registration by phone required.**

Discounted Student Rate: As part of its mission to serve educational needs, PESI, Inc. offers a reduced rate of 50% off standard tuition for students. Enclose a current student schedule with registration form. Go to [www.pesihealthcare.com/faqs](http://www.pesihealthcare.com/faqs) or call 800-844-8260 for details.

**Advance registration required.**

Cannot be combined with other discounts.

### 1 Please complete entire form (to notify you of seminar changes): please print; staple duplicate forms.

**Mail Code:** \_\_\_\_\_  
See mail code box on address panel on reverse side

Name \_\_\_\_\_ Profession \_\_\_\_\_

Employer Name \_\_\_\_\_

Employer Address \_\_\_\_\_

Dept/Floor/Suite \_\_\_\_\_

City \_\_\_\_\_ County \_\_\_\_\_

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

Home/Cell Ph ( ) \_\_\_\_\_

Dept. Ph ( ) \_\_\_\_\_

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

For your convenience, confirmations are sent via email.

### 3 Check tuition:

**ON-SITE TUITION WITH SEMINAR MANUAL**  
**\$199.99** choose one of the options below:  
 per person for 2 or more preregistering together —OR—  
 single registration postmarked 3 weeks prior to seminar date  
 **\$189.99** per person for 5 or more preregistering together  
 **\$219.99** standard

Add-On Products  
Distributed at seminar—FREE SHIPPING!

**\$35.00\*** *Fast Facts for Stroke Care Nursing* book  
 **\$39.99\*** *Pathophysiology, 2nd Edition* book

\*Attendees add applicable state and local taxes except in AK, DE, MT, NH, OR

### WEBCAST WITH DOWNLOADABLE PRESENTATION MATERIALS

**\$179.99** registration (+ applicable tax in MN, PA & WI)

### 4 Indicate method of payment:

**ALL REGISTRATIONS MUST BE PREPAID.**  
Purchase orders welcome (attach copy).

Check enclosed payable to **PESI, Inc.**  
 MC 16 digits  VISA 13-16 digits  AE 15 digits  Discover Novus 16 digits  
Card # \_\_\_\_\_  
Card Exp. \_\_\_\_\_ V-Code #\*: \_\_\_\_\_

Signature \_\_\_\_\_  
(\*MC/VISA/Discover: last 3-digit # on signature panel on back of card.)  
(\*American Express: 4-digit # above account # on face of card.)

### CAN'T ATTEND THE SEMINAR?

**Advances in Stroke Care**  
\_\_\_\_ Seminar on DVD\* (video) \$199.99 (RNV077550)  
\_\_\_\_ Seminar on CD\* (audio) \$169.99 (RNA077550)  
\_\_\_\_ **Fast Facts for Stroke Care Nursing** book\* \$35.00 (SAM083365)  
\_\_\_\_ **Pathophysiology, 2nd Edition** book\* \$39.99 (PUB082660)

\*Shipping is \$6.95 first item + \$2.00 each add'l item.  
\*\*Residents add applicable state and local taxes except in AK, DE, MT, NH, OR

Product total \$ \_\_\_\_\_  
\*Shipping \_\_\_\_\_  
Subtotal \_\_\_\_\_  
\*\*Tax \_\_\_\_\_  
TOTAL \_\_\_\_\_