Purpose

The Capital Region Stroke Symposium is an annual regional conference that educates hospital providers and physicians on the national standards for cardiovascular and stroke disease management. The program will feature nationally recognized speakers who will present up-to-date research studies and medical interventions on these topics. The goal of this conference is to improve the standard of practice for cardiovascular and stroke disease management.

Audience

This conference is designed for physicians, physician assistants, nurse practitioners, and nurses in emergency medicine, internal medicine, family practice, neuroscience, hospital/rehabilitation settings, pharmacists, and physical therapists. Other interested health-care professionals can also benefit by attending.
Poster Session

Please submit no later than Monday, September 14, 2015.

Guidelines and online submission information are available on the web at: bit.ly/1JKTKzS

Posters will be viewed throughout the conference. Judges will award cash prizes to the poster deemed of highest quality.

Accommodations and Room Block

Accommodations are the responsibility of the participant. A block of rooms has been reserved at the:

Hotel Name
Sheraton Harrisburg Hershey
4650 Lindle Road
Harrisburg, Pennsylvania, 17111

Deadline
September 10, 2015

Rate
$126 plus tax (single, double, triple, or quad rate)

Rooms reserved after this date are at regular rates and will be based on availability

Reservations
Online bit.ly/1VJ4uYx
Call 866-837-5181
Use the group name: Stroke

Access

Penn State encourages persons with disabilities to participate in its programs and activities. If you anticipate needing any type of special accommodation or have questions about the physical access provided, please contact Continuing Education at least one week in advance of your participation or visit.
Anne Alexandrov, PhD, RN, CCRN, NVRN-BC, ANVP-BC, FAAN
Professor and NET SMART Program Director
Health Outcomes Institute
Professor, University of Tennessee
Health Science Center
College of Nursing
Professor and U.S. Principle Investigator
International Stroke Nursing
Research Collaboration
Australian Catholic University, Sydney

Christie Artuso, EdD, RN, CNRN, SCRN, FAHA, FACHE
Director, Neuroscience Services
Providence Alaska Neurosciences Center

George Beauregard, DO
Senior Vice President
and Chief Clinical Officer
PinnacleHealth System
President, River Health ACO

Lori Benner, MPA, OTR/L, CDRS*
Manager of Therapy Services and
Driver’s Evaluation and Training

Paula Bonsall, MS, OTR/L, ATP
Therapy Supervisor
Neuro-Rehabilitation Center
Magee Rehabilitation Hospital

Kevin M. Cockroft, MD, MSc, FAANS, FACS, FAHA*
Professor of Neurosurgery
Radiology and Public Health Sciences
Co-Director
Penn State Hershey Stroke Center

William Curry, MD, MS*
Medical Director
Care Management

Curry Durborow, PT, DPT
Physical Therapist
Outpatient Therapy Services
Bryn Mawr Rehab Hospital

Jennifer Gish, RN*
Interim Clinical Head Nurse
Neuro Critical Care Unit

David Hwang, MD
Assistant Professor of Neurology
Division of Neurocritical Care
and Emergency Neurology
Yale School of Medicine

Emily Kraus, MSW, LSW*
Licensed Social Worker
Neuroscience Critical Care Unit
Clinical Outcomes Management Department

Michael Lupinacci, MD
Chief Medical Officer
US Physiatry
Medical Director
HealthSouth Rehabilitation
of Mechanicsburg

Carrie Reichwein, MS, CCC-SLP*
Speech Language Pathologist

Raymond Reichwein, MD*
Associate Professor of Neurology
Director, Stroke Program
Co-director, Penn State Hershey Clinical
Neuroscience Institute Stroke Program

Rick Shaffer, CDRS*
Driver Rehabilitation Specialist
Therapy Services

*Penn State Milton S. Hershey Medical Center
Penn State College of Medicine
Agenda

Thursday, October 1, 2015 / 5:30 p.m.– 8:15 p.m.

5:30  Check In and Dinner Buffet

6:15  Welcoming Remarks

6:30  The Future is Now: Endovascular Therapy for Ischemic Stroke Comes of Age †
   Kevin M. Cockroft, MD, MSc, FAANS, FACS, FAHA
   • Identify current procedures used for endovascular treatment of acute ischemic stroke
   • Discuss new data regarding endovascular treatment of acute ischemic stroke
   • Describe reasons to consider transfer for endovascular treatment of acute ischemic stroke

Ramping Up Thrombolysis †
   Anne Alexandrov, PhD, RN, CCRN, NVRN-BC, ANVP-BC, FAAN
   • Discuss the new inclusion and exclusion criteria for IV alteplase administration in acute ischemic stroke
   • Identify methods to improve reperfusion quality data and systems of care for alteplase treated patients
   • Adjust current hospital alteplase practice protocols using current FDA label changes

8:15  Adjournment
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>7:30</td>
<td>Check In/Refreshments/Exhibits/Posters</td>
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<tr>
<td>7:50</td>
<td>Welcome/Introduction</td>
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<tr>
<td>8:00</td>
<td>The Affordable Care Act: Current State and Implications for Stroke Care</td>
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<td></td>
<td>George Beauregard, DO</td>
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<tr>
<td></td>
<td>• Provide an overview of current health care reform efforts</td>
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<td>• Describe how current health care reform impacts stroke care</td>
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<td>• Discuss how competing on outcomes will be the future imperative</td>
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<td>9:00</td>
<td>Zeroing Down on Head Positioning in Acute Ischemic Stroke †</td>
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<td>Anne Alexandrov, PhD, RN, CCRN, NVRN-BC, ANVP-BC, FAAN</td>
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<td></td>
<td>• Describe the hemodynamic effects of head positioning in acute ischemic</td>
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<td>stroke</td>
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<td>• Utilize findings from safety research in the selection of patient</td>
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<td>positioning in acute ischemic stroke</td>
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<td>• Discuss evidence-based implications for patient activity and head of</td>
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<td>bed positioning associated with patient outcome</td>
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<td>10:00</td>
<td>Break/Exhibits/Posters</td>
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<td>10:30</td>
<td>Palliative Care for Stroke Patients and their Families †</td>
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<td>David Hwang, MD</td>
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<td></td>
<td>• Describe studies of family satisfaction with symptom management and</td>
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<td>shared decision making for critically ill stroke patients</td>
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<td>• Reflect on the challenges of defining goals of care with surrogate</td>
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<td>decision-makers of stroke patients</td>
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<td>• Specify triggers for formal involvement of palliative care services</td>
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<td>for stroke patients</td>
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<td>11:30</td>
<td>CONCURRENT SESSION 1</td>
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<tr>
<td>1A</td>
<td>Sleep Apnea and Stroke †</td>
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<td></td>
<td>Christie Artuso, EdD, RN, CNRN, SCRN, FAHA, FACHE</td>
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<td>• Discuss results of three major clinical trials and the relationship</td>
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<td>between sleep disordered breathing and patients with cerebrovascular</td>
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<td>• Identify three pathophysiologic changes related to sleep disordered</td>
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<td>breathing that increase the risk for stroke</td>
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<td>• Review the relationship between common risk factors and sleep</td>
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<td>disordered breathing</td>
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<td>1B</td>
<td>New Technologies for Stroke – Part 1 †</td>
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<td>Technology to Improve Upper Extremity Outcomes Post-Stroke</td>
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<td>Paula Bonsall, MS, OTR/L, ATP</td>
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<td>• Identify upper extremity impairments that can be addressed using</td>
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<td>• Review two technologies that can be used to improve upper extremity</td>
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<td>Transcranial Magnetic Stimulation</td>
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<td>Raymond Reichwein, MD</td>
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<td>• Highlight transcranial magnetic stimulation (TMS) for post-stroke</td>
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<td>aphasia treatment and recovery</td>
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</table>
12:30 Lunch/Exhibits/Posters

1:30 CONCURRENT SESSION 2

2A Keys for Successful Driving Post-Stroke †
Lori Benner, MPA, OTR/L, CDRS
Rick Shaffer, CDRS
• Describe the legal and ethical duties of health-care providers when considering giving the vehicle keys back to a post-stroke individual
• Discuss the role of each member of the health-care team in screening and assessing a patient for return to driving
• Identify resources that will help assure the patient returns to driving safely

2B New Technologies for Stroke – Part 2 †
Injectable Botulinum Toxin
Michael Lupinacci, MD
• Explain the basic physiology of injectable botulinum toxin use
• Recognize medical criteria for best patient selection
• Review medical advances in injectable botulinum toxin for use in stroke patients

Balance-Based Torso Weighting and Therapy
Curry Durborow, PT, DPT
• Describe evidence for use of balance-based torso weighting with post-stroke patients

2:30 Break

2:45 PANEL DISCUSSION
Improving Communications †
• Discuss the communication needs of the multidisciplinary team and their impact on transition of care

Moderator: Raymond Reichwein, MD

Primary Care Physician Perspective
William Curry, MD, MS

Acute Rehabilitation Psychiatrist Perspective
Michael Lupinacci, MD

Acute Care RN Perspective
Jenifer Gish, RN

Therapist Perspective
Carrie Reichwein, MS, CCC-SLP

Care Coordination Perspective
Emily Kraus, MSW, LSW

4:00 Adjournment
Penn State College of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Penn State College of Medicine designates this live activity for a maximum of 8.0 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Thursday Evening
A maximum of 1.75 AMA PRA Category 1 Credits™

Friday
A maximum of 6.25 AMA PRA Category 1 Credits™
Substituting credit for nursing credit
Nurses will receive a certificate from Penn State College of Medicine verifying their participation in up to 8.0 hours of approved continuing medical education. Continuing education activities which are approved by accredited institutions of higher education and that are relevant to patient care or professional nursing meet the requirements of mandatory continuing education for registered nurses in Pennsylvania, as required by the Pennsylvania State Board of Nursing. The Board of Nursing recommends that nurses retain their certificates for a period of at least five years. Additional information is available through the State Board of Nursing at dos.state.pa.us/nurse.

Safety/Risk
The program includes 7 hours of patient safety/risk management education as required by the Pennsylvania State Board of Medicine. Please see the program schedule for topics marked with a “†.”

Penn State Milton S. Hershey Medical Center is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education.

This knowledge-based activity has been assigned the Universal Program Numbers of:

**Thursday Evening**
0322-0000-15-021-L01-P
1.75 contact hours (0.17 CEUs)
of continuing education credit in states that recognize ACPE providers.

**Friday**
0322-0000-15-022-L01-P
6.25 contact hours (0.62 CEUs)
of continuing education credit in states that recognize ACPE providers.

The attendee list will be uploaded into CPE Monitor approximately one week after completion of the program. Statements of credit indicated in contact hours and CEUs will be available through CPE Monitor. Successful completion includes signing in at registration with personal NABP number and date of birth, attending the entire session for which credit is claimed, and completing the activity evaluation. Penn State Milton S. Hershey Medical Center complies with the Accreditation Standards for Continuing Education.

It is our policy to ensure balance, independence, objectivity, and scientific rigor in all our sponsored educational programs. Faculty members are expected to disclose to the program audience any real or apparent conflict of interest related to the content of their presentation.
Fee

- $75 / Thursday dinner program only
- $135 / Friday daytime conference only
- $190 / Thursday dinner program and Friday conference

Registrations received after: September 30, 2015, will incur a $25 late fee.

Cancellation Policy

Cancellations received after:
September 25, 2015
will incur a $25 processing fee.

No refunds after:
September 28, 2015

The University may cancel or postpone any course or activity. If a program is canceled or postponed, the University will refund registration fees but is not responsible for any related costs, charges, or expenses, including cancellation/change charges assessed by airlines or travel agencies. Preregistered participants will be notified if a program is filled or canceled.
Registration

Register online using COMPASS, Penn State Hershey’s registration and records system. New users are required to set up an account, which will provide access to your CE certificates and conference materials. A tutorial is available on our website.

Breakout Sessions

After your registration is confirmed in COMPASS, you will be able to select your breakout sessions by completing a “Training Request Form.” This form appears at the bottom of the registration confirmation screen.

You will need to choose one topic from each breakout session

11:30  **CONCURRENT SESSION 1**
   1A  Sleep Apnea and Stroke
   1B  New Technology for Stroke – Part 1
       Technology to Improve Upper Extremity Outcomes Post-Stroke
       and Transcranial Magnetic Stimulation

1:30   **CONCURRENT SESSION 2**
   2A  Keys for Successful Driving Post-Stroke
   2B  New Technology for Stroke – Part 2
       Botox and Balance-Based Torso Weighting and Therapy

Register Online Today
  pennstatehershey.org/ce

QUESTIONS?

Call
  717-531-6483

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  ContinuingEd@hmc.psu.edu

Mail
  Registrar, Penn State Hershey
  Continuing Education, G220
  P. O. Box 851, Hershey, PA 17033

Course #
  B5806-16-Y
2015 • Capital Region

Stroke Symposium

October 1 & 2, 2015

Register Online Today

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