

Approved for:
AMA Category 1 Credit
AAPA Credit
ANCC Credit
ASHA Credit
Stroke Hours
Trauma Hours

Pending:
PT Credit
OT Credit

UPMC Hamot Continuing Medical Education presents:

2022 NEUROSCIENCE CONFERENCE



Friday, November 11, 2022

Ambassador Banquet and Conference Center • 7794 Peach St. • Erie, Pa.

JOIN US IN PERSON OR VIRTUALLY

COURSE DIRECTORS:

Tammy Kordes, PhD

Neuropsychologist

Northshore Neurosciences

Trevor Phinney, DO

Neurologist

UPMC Northshore Neurology

UPMC | HAMOT

PROGRAM OUTLINE

7 to 7:30 a.m.	Registration/Continental Breakfast
7:30 to 7:35 a.m.	Opening Remarks^o
7:35 to 8:05 a.m.	A Stroke of Insight^o Curt Cardman, MPT
8:05 to 8:35 a.m.	Assessment of Health Care Decision-Making Capacity^o Tammy Kordes, PhD
8:35 to 9:05 a.m.	Powers of Attorney and Guardianship Overview^{o+} Melissa Shirey, Esquire
9:05 to 9:30 a.m.	End-of-Life Care^{o+} John Barnett, CRNP
9:30 to 9:45 a.m.	Refreshment Break
9:45 to 10:15 a.m.	Stroke, Let's Not Do That Again ... Secondary Stroke Prevention^o Trevor Phinney, DO
10:15 to 10:40 a.m.	Dysphagia Following Stroke^o Kate Krobot, SLP
10:40 to 11:10 a.m.	Bedside Assessment and Therapeutic Management of Acute Vestibular Syndrome Amy Cassidy, PT, DPT
11:10 to 11:40 a.m.	Blood Pressure Management for Intracranial Hemorrhage^{o+} Logan Pyle, DO
11:40 a.m. to 12:20 p.m.	Lunch/Networking
12:20 to 12:50 p.m.	Update on Stroke Treatment Through Complex Cerebrovascular Cases^o Jeremy Stone, MD
12:50 to 1:20 p.m.	UPMC Center for Assistive Technology Services: Our Role From Inpatient to Home^{o*} John Coltellaro, MS
1:20 to 1:50 p.m.	Deep Brain Stimulation Dimitrios Nacopoulos, MD
1:50 to 2:05 p.m.	Refreshment Break
2:05 to 2:45 p.m.	High-Intensity Gait Training^{o*} Hallie Zeleznik, PT, DPT
2:45 to 3:15 p.m.	Understanding and Treating Functional Vision Deficits^{o*} Dana Aravich, MS, OTR/L, CPAM
3:15 to 3:45 p.m.	Q&A Panel Rehab^{o*} Faculty Panel
3:45 p.m.	Adjournment/Final Remarks

**Included in Q&A Panel*

^oApproved for Stroke Credit

⁺Approved for Trauma Credit

NEED

Early diagnosis and treatment of stroke and other neurologic disorders can have a profound impact on patient outcomes and mortality. The diagnosis, management, treatment, and rehabilitation of diseases of the brain and spine are rapidly changing. It is vital that primary care practitioners, nurses, therapists, and other advanced practice providers maintain an awareness of the differential diagnoses, as well as new and emerging treatment options for these.

GOAL

This annual activity will focus on the neurosciences, including stroke and other disorders of the brain, as well as foster networking and collaboration among clinical disciplines within the region. Both current and future treatment options will be addressed, along with management issues and prevention of possible complications. Case presentations will complement didactic presentations.

OBJECTIVES

At the conclusion of this activity, the participants should be able to:

- Recognize long-term neurological effects of stroke
- Utilize a patient's personal experience to describe stroke
- Assess the impact stroke has on one's daily life
- Gain greater understanding of the referral question "Is the patient competent?"
- Discuss the process of obtaining informed consent for medical and surgical procedures
- Describe the four abilities model of criteria for decision-making capacity
- Discuss powers of attorney in Pennsylvania
- Describe the limitations of powers of attorney in Pennsylvania
- Discuss guardianship in Pennsylvania
- Discuss medications used for symptom management in end-of-life care
- Describe how to regulate bowel and bladder for end-of-life care
- Discuss comfort measures versus hospice
- Discuss vascular risk factors involved in treatment of stroke
- Recognize medications commonly used for secondary stroke prevention
- Assess the need for antiplatelets versus anticoagulation for stroke prevention
- List important subcortical structures and describe how they impact swallowing
- Describe diagnostic swallowing tests utilized on acute stroke patients
- Determine how imaging is used to create a swallowing treatment plan for acute stroke patients
- Perform HINTS (Head-Impulse, Nystagmus, Test-of-Skew) and HINTS+ assessments at bedside
- Determine laterality of unilateral vestibular hypofunction
- Determine need for referral to physical therapy services
- Recognize the importance of blood pressure control in intracerebral hemorrhage
- Describe the methods of anticoagulant reversal and blood pressure control in intracerebral hemorrhage
- List the take home points from the updated American Heart Association and American Stroke Association Intracerebral Hemorrhage Guidelines
- List the two types of stroke
- Describe endovascular treatment options for stroke and aneurysms
- Describe open microsurgical treatment options for aneurysms
- Describe the services offered at the Center for Assistive Technology
- Discuss the commercially available products for alternative computer access to help facilitate a return to work or school
- Recognize the accessibility options on smart phones and tablets and how integration with home automation systems can increase independence in the home
- Describe the use of deep brain stimulation for movement disorders and neurological diseases
- Discuss patient selection criteria for deep brain stimulation
- Recognize the risks and complications of deep brain stimulation
- Discuss the key recommendations from the 2020 Clinical Practice Guidelines addressing locomotor function in people with chronic stroke, brain, and spinal cord injury
- Identify the roles of specificity, repetition, variability, and intensity in promoting optimal walking outcomes for people with neurologic conditions
- Apply exercise prescription using cardiopulmonary metrics of intensity as a guide
- Recognize the functional implications of at least three common low-vision conditions
- Describe how to improve and modify functional activities for those with vision deficits
- Discuss the referral pathway for patients with functional vision impairments

TARGET AUDIENCE

Primary care physicians, internists, neurologists, neurosurgeons, nurses, nurse practitioners, physician assistants; physical, occupational, and speech therapists; and other advanced practice providers will benefit from attendance at this activity.

ACCREDITATION

In support of improving patient care, the University of Pittsburgh is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the health care team.

PHYSICIAN (CME)

The University of Pittsburgh designates this live activity for a maximum of *7.0 AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

NURSING (CNE)

A maximum of 7.0 nursing contact hours will be awarded. Participants will be able to claim credit commensurate with the extent of their participation in the program.

PHYSICIAN ASSISTANT (AAPA)

The University of Pittsburgh has been authorized by the American Academy of PAs (AAPA) to award AAPA Category 1 CME credit for activities planned in accordance with AAPA CME Criteria. This activity is designated for 7.0 AAPA Category 1 CME credits. PAs should only claim credit commensurate with the extent of their participation.

OTHER HEALTH CARE PROFESSIONALS

Other health care professionals will receive a certificate of attendance confirming the number of contact hours commensurate with the extent of participation in this activity.

STROKE HOURS

Sessions that meet requirements for stroke education hours will be indicated on the credit designation form at the conference. This activity has been designed to meet the requirements for 6.0 stroke education hours.

PT CREDIT

Application has been submitted to the Pennsylvania State Board of Physical Therapy for course approval for 7.0 credit hours.

OT CREDIT

Application has been submitted to the Pennsylvania State Board of Occupational Therapy for course approval for 7.0 credit hours.

TRAUMA CREDIT HOURS

Select sessions meet the requirements for trauma education hours. The maximum trauma education credit available for this conference is 1.50 hours.

ASHA CREDIT

Participants must attend all sessions to earn 0.7 ASHA CEUs. No partial credit will be awarded.



ASHA CE
APPROVED PROVIDER

University of Pittsburgh

Intermediate Level

0.7 ASHA CEUs

SPECIAL NEEDS

Participation by all individuals is encouraged. Advance notification of any special needs (i.e., gluten-free or vegan meal, private room for nursing mothers, handicap accessibility) will help us provide better service. Please notify us of your needs at least two weeks in advance of the program by emailing the Hamot CME office at HAM_CME@upmc.edu or calling 814-877-5691.

LOCATION

The program is being held at the Ambassador Center, behind the Courtyard by Marriott, at 7794 Peach St., Erie, Pa.



ATTIRE

Attire for the conference is business casual. Since meeting room temperatures can vary, **it is recommended that you bring a light jacket or sweater with you to the conference.**

CANCELLATION POLICY

Please notify UPMC Hamot's CME Department of substitutions and cancellations, via email to ham_cme@upmc.edu or by telephone at 814-877-5691.

UPMC Hamot reserves the right to cancel this program if sufficient registrations are not received. In the case of cancellation, registration fees will be fully refunded. Preregistrants will be informed of the cancellation via email, or phone if no email address is given.

COURSE DIRECTORS

Tammy Kordes, PhD

Neuropsychologist
Northshore Psychological Associates

Trevor Phinney, DO

Neurologist
UPMC Northshore Neurology

FACULTY

Dana Aravich, MS, OTR/L, CPAM

Occupational Therapist
UPMC Centers for Rehab Services
UPMC Mercy

Disclosure:

Financial — Dana has salary through UPMC

Nonfinancial — Dana has no relevant nonfinancial relationships to disclose

John Barnett, CRNP

Department of Palliative Care
UPMC Hamot

Disclosure:

Financial — John has salary through UPMC Hamot

Nonfinancial — John has no relevant nonfinancial relationships to disclose

Curt Cardman, MPT

Physical Therapist
Fyzical Therapy and Balance Centers

Disclosure:

Financial — Curt has salary through Fyzical Therapy and Balance Centers

Nonfinancial — Curt has no relevant nonfinancial relationships to disclose

Amy Cassidy, PT, DPT

Board-Certified Neuro. Clinical Specialist
Facility Director CRS Balance and Vestibular
at the Eye and Ear Institute
Co-coordinator CRS EpicCare Training
Center for Rehab Services

Disclosure:

Financial — Amy has salary through UPMC

Financial — Amy has salary through University of Pittsburgh

Nonfinancial — Amy is a member of the American Physical Therapy Association

John Coltellaro, MS

Clinical Instructor
Department of Rehabilitation Science and
Technology

Disclosure:

Financial — John has salary through University of Pittsburgh

Nonfinancial — John has no relevant nonfinancial relationships to disclose

Tammy Kordes, PhD

Neuropsychologist
Northshore Neurosciences

Disclosure:

Financial — Dr. Kordes has salary through Northshore Psychological Associates

Nonfinancial — Dr. Kordes has no relevant nonfinancial relationships to disclose

Kate Krobot, SLP

Speech Language Pathology Manager
UPMC Presbyterian Hospital

Disclosure:

Financial — Kate has salary through UPMC

Nonfinancial — Kate has no relevant nonfinancial relationships to disclose

Dimitrios Nacopoulos, MD

Neurologist
UPMC Northshore Neurology

Disclosure:

Financial — Dr. Nacopoulos has salary through UPMC Hamot

Nonfinancial — Dr. Nacopoulos has no relevant nonfinancial relationships to disclose

Trevor Phinney, DO

Neurologist
UPMC Northshore Neurology

Disclosure:

Financial — Dr. Phinney has salary through UPMC Hamot

Nonfinancial — Dr. Phinney has no relevant nonfinancial relationships to disclose

Logan Pyle, DO

Department of Neurocritical Care
UPMC Hamot

Disclosure:

Financial — Dr. Pyle has salary through UPMC Hamot

Nonfinancial — Dr. Pyle has no relevant nonfinancial relationships to disclose

Melissa Shirey, Esquire

Partner
The Family Law Group, LLC

Disclosure:

Financial — Melissa has salary through The Family Law Group, LLC

Nonfinancial — Melissa has no relevant nonfinancial relationships to disclose

Jeremy Stone, MD

Neurosurgeon, Neuroendovascular Surgeon
Assistant Clinical Professor of
Neurological Surgery
Medical Director of Stroke Research
Great Lakes Neurosurgery and
Neurointervention
UPMC Hamot

Disclosure:

Financial — Dr. Stone has salary through UPMC Hamot

Nonfinancial — Dr. Stone has no relevant nonfinancial relationships to disclose

Hallie Zeleznik, PT, DPT

Board-Certified Neurologic Clinical Specialist
Director, Strategic Initiatives and
Professional Development
UPMC Centers for Rehab Services

Disclosure:

Financial — Hallie receives royalties from MedBridge, Inc.

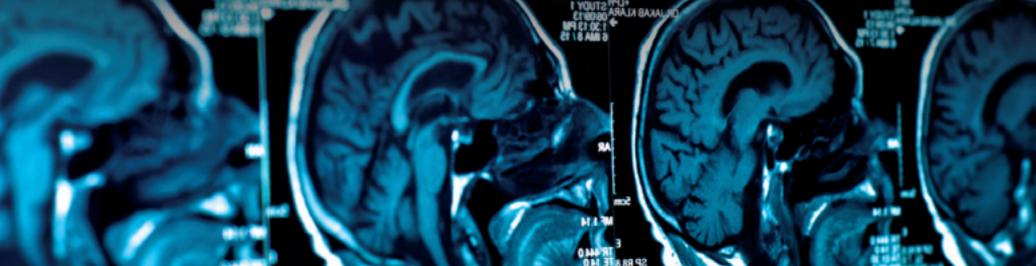
Financial — Hallie has intellectual property rights from MedBridge, Inc.

Financial — Hallie receives honoraria from APTA Pennsylvania

Nonfinancial — Hallie is a member of American Physical Therapy Association (APTA)

Nonfinancial — Hallie is a member and co-chair of Academy of Neurologic Physical Therapy

Nonfinancial — Hallie is a member of APTA Pennsylvania



2022 NEUROSCIENCE CONFERENCE

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TWO WAYS TO ATTEND THIS HYBRID CONFERENCE:

In person at the Ambassador Banquet and Conference Center, at 7794 Peach St.

Registration fees include the seminar, continental breakfast, refreshment breaks and lunch.

Virtually through Zoom.

Registrants will be emailed a Zoom link three days prior to the conference. Virtual attendees will be able to ask questions using the Q&A function in Zoom.

REGISTRATION

In-Person Registration Fees

Physicians	\$120
Advanced Practice Providers	\$80
Nurses/Therapists/Other Health Care Providers.....	\$60
Residents/Students.....	\$30

Virtual Registration Fees

Physicians	\$100
Advanced Practice Providers	\$60
Nurses/Therapists/Other Health Care Providers.....	\$40
Residents/Students	Free

All registration will be through our online registration site at:

<https://cce.upmc.com/upmchamot2022neuroscience>.

After registering, an electronic confirmation will be sent to you.

Online registration is complete upon receipt of a confirmation email.

If you do not receive this email within 5-7 days of registration, please contact the UPMC Hamot CME Department at 814-877-5691.

If you are required to pay by check, please contact the Hamot CME Department at 814-877-5691 or email HAM_CME@upmc.edu.

UPMC EMPLOYEE PAYMENT VIA JOURNAL ENTRY TRANSFER OR MEB SCHOLARSHIP FUNDS

If you are a UPMC employee and your department will be responsible for payment, we can charge your department directly. For journal transfer and MEB forms, please visit: <https://cce.upmc.com/upmchamot2022neuroscience>

Under "Register," you can print and fill out the appropriate forms.



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