Overview and Objectives
According to the National Institute for Injury Prevention and Control, approximately 1.4 million people sustain a brain injury every year. It is estimated that nearly 2% (5.3 million) of the United States population is in need of assistance and/or lifelong care due to TBI. According to the National Institutes of Health, there are more than 795,000 strokes each year in the U.S., and strokes cause more serious long-term disabilities than any other disease.

Current Concepts in Brain Injury Rehabilitation will address, through lectures and discussion, the treatments and strategies employed at the UPMC Rehabilitation Institute. Conference goals are in line with the missions of the Department of Physical Medicine and Rehabilitation and the UPMC Rehabilitation Institute to advance health, expand knowledge, and improve care through research, teaching rehabilitation services, and medical care.

Target Audience
Nurses, physical therapists, occupational therapists, speech-language pathologists, case managers, physiatrists/physicians, fellows, and residents involved with the acute care and rehabilitation of persons involved with the care and rehabilitation of persons with brain injury are encouraged to attend.

FACULTY LISTING

Course Director
Hallie Zeleznik, PT, DPT, NCS Director, Strategic Initiatives & Professional Development
UPMC CRS

Presenters
Brian Im, MD Assistant Professor
Director, Traumatic Brain Injury Program & Fellowship
Physical Medicine & Rehabilitation
New York University Langone

Justin Weppner, DO Faculty Physician
Virginia Tech University
Carilion Clinic
Doug Pawlak, ABC CO  Orthotist  
Union Orthotics and Prosthetics Co.

Gary Galang, MD  Assistant Professor  
Physical Medicine & Rehabilitation, University of Pittsburgh

Terry Breisinger, PT, NCS  Supervisor, Brain Injury Program  
UPMC CRS

Kevin Franzese, DO  Assistant Professor  
Physical Medicine & Rehabilitation, University of Pittsburgh

Natasa Miljkovic, MD, PhD  Assistant Professor  
Medical Director  
UPMC CRS

Minda Apel, RN, BSN  Senior Professional Staff Nurse  
UPMC Mercy Brain Injury Rehabilitation

Lisa Grumm, RN  Professional Staff Nurse  
UPMC Mercy Brain Injury Rehabilitation

Aubry Lowen, RN  Professional Staff Nurse  
UPMC Mercy Brain Injury Rehabilitation

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PROGRAM SCHEDULE

7 - 7:45 am  Registration

7:45 - 8 am  Welcome and Introductions  Hallie Zeleznik, PT, DPT, NCS

8 - 9:15 am  Keynote: Social Determinants in Healthcare  Brian Im, MD

9:15 - 10:15 am  Blast Traumatic Brain Injury in the Military Population  Justin Weppner, DO
<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>10:15 - 10:30 am</td>
<td>Break</td>
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<tr>
<td>10:30 - 11:30 am</td>
<td>Pathologic Gait Patterns in Traumatic Brain Injury and Other Upper Motor Neuron Syndromes</td>
<td>Doug Pawlak, ABC CO&lt;br&gt;Gary Galang, MD&lt;br&gt;Terry Breisinger, PT, NCS</td>
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<td>11:30 am - 12:30 pm</td>
<td>Lunch</td>
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<td>12:30 - 1:30 pm</td>
<td>Keynote: Practical Neuroimaging in Rehabilitation Medicine</td>
<td>Kevin Franzese, DO</td>
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<td>1:30 - 2:45 pm</td>
<td>Panel: Management of Brain injuries through the post-acute care continuum</td>
<td>Natasa Miljkovic, MD, PhD</td>
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<td>2:45 - 3 pm</td>
<td>Break</td>
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<td>3 - 3:45</td>
<td>Unique Aspects of Nursing Care in Brain Injury Rehabilitation</td>
<td>Minda Apel, RN, BSN&lt;br&gt;Lisa Grumm&lt;br&gt;Aubry Lowen</td>
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<td>3:45 - 4 pm</td>
<td>Conference Wrap-up</td>
<td>Hallie Zeleznik, PT, DPT, NCS</td>
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**CME Accreditation and Designation Statement**

In support of improving patient care, this activity has been planned and implemented by the Alliance of Community Health Plans and 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 healthcare team.

The University of Pittsburgh School of Medicine designates this live activity for a maximum of 6.75 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

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.

This course is offered for 0.7 ASHA CEUs (Intermediate Level; Professional Area)
The University of Pittsburgh Department of Occupational Therapy is a pre-approved provider of continuing education in Pennsylvania. This course is approved for 6.25 Contact Hours.

The University of Pittsburgh, Department of Physical Therapy is a pre-approved provider of Continuing Education in Pennsylvania, and this course is approved for 6.25 units of General Access CEUs.

Disclaimer Statement

The information presented at this CME program represents the views and opinions of the individual presenters, and does not constitute the opinion or endorsement of, or promotion by, the UPMC Center for Continuing Education in the Health Sciences, UPMC / University of Pittsburgh Medical Center or Affiliates and University of Pittsburgh School of Medicine. Reasonable efforts have been taken intending for educational subject matter to be presented in a balanced, unbiased fashion and in compliance with regulatory requirements. However, each program attendee must always use his/her own personal and professional judgment when considering further application of this information, particularly as it may relate to patient diagnostic or treatment decisions including, without limitation, FDA-approved uses and any off-label uses.

Faculty Disclosure:

No members of the planning committee, speakers, presenters, authors, content reviewers and/or anyone else in a position to control the content of this education activity have relevant financial relationships with any entity producing, marketing, re-selling, or distributing health care goods or services, used on, or consumed by, patients to disclose.