Neurobehavioral Changes after Acquired Brain Injury (ABI): A Team Approach to Understanding Diagnosis and Interventions

Speakers:
Christopher Falco, MD
Lindsey Harik, PhD
Patrice Perrin, PT, DPT
Arit Nwagboso, MSN, RN, CRRN
Kelley Shaw, MS, CCC-SLP

General Info

Target Audience: INTERNAL ONLY: Memorial Hermann Rehabilitation Network employees who are Nurses, Patient Care Assistants, Physical Therapists, Physical Therapy Assistants, Occupational Therapists, Occupational Therapy Assistants, Speech-Language Pathologists, Psychologists, Case Managers, and Social Workers for the Neurobehavioral Program.

Dates (choose one):
• January 24, 2019
• March 28, 2019
• August 29, 2019
• December 12, 2019

Time:
Sign-in: 12 – 12:30 p.m.
Lecture: 12:30 – 4:15 pm
(continued)
Location: TIRR Memorial Hermann, Promethean Room
1333 Moursund
Houston, TX 77030

Food: Light refreshments provided

Registration: Limited to 40 attendees.
Please refer to the education website: http://tirr.memorialhermann.org/professional-resources-education/continued-education/.

For further information please email: Continuingeducationregistration@memorialhermann.org.

Overview

Description
This course is designed for health professionals working with the brain injury population. Through lecture and discussion, participants will learn to describe common behaviors in the brain injury population, learn to use various outcomes measures, and be able to implement behavior management strategies. The focus of this course is to improve the consistency of communication among health professionals with clearly defined terms of behaviors, and to improve the therapeutic approach to patients with behavioral deficits by providing participants with evidence-based interventions for this population.

Course Learning Objectives
By the end of the course, the participant will be able to:
1. Identify and accurately define behavior issues common to the Acquired Brain Injury (ABI) population.
2. Assess behaviors in the Brain Injury (BI) population using three different outcome measures.
3. Describe the ABC model and schedules of reinforcement.
4. Explain four practical ways to intervene during escalation phase and crisis phase of the aggression cycle in order to better manage behaviors.
5. Indicate pharmacological interventions used and how they can affect patient behaviors.
6. Document for consistency in order to improve communication across the team.
Assessment of Learning Objectives
Interactive dialogue via questions and answers.

Speakers

Christopher Falco, MD
Brain Injury and Stroke Program Attending Physician
TIRR Memorial Hermann

Dr. Falco is an attending physician at TIRR Memorial Hermann. He completed his residency at the Baylor College of Medicine, University of Texas Health Science Center-Houston Physical Medicine and Rehabilitation Alliance in June of 2013. He received his medical degree in 2009 at McGovern Medical School at UTHealth in Houston, after completing his undergraduate education at The University of Texas at Austin in 2005. As an attending physician at TIRR Memorial Hermann, Dr. Falco’s primary focus is caring for inpatients recovering from brain injury and stroke. He is a member of the American Academy of Physical Medicine and Rehabilitation, the Texas Medical Association, and the American Medical Association.

Financial Disclosures: McGovern Medical School at UTHealth in Houston
Non-financial disclosures: None reported

Lindsey M. Harik, PhD
Clinical Neuropsychologist
TIRR Memorial Hermann

Dr. Harik earned her Bachelor of Science in Brain, Behavior, and Cognitive Science from the University of Michigan and earned her PhD in Clinical Psychology from the University of Houston. She completed her clinical internship at the University of Florida. She completed her fellowship in Clinical Neuropsychology at TIRR Memorial Hermann before starting as a staff psychologist in the Brain Injury and Stroke Program in 2017. She is the lead neuropsychologist to the Neurobehavioral Program at TIRR Memorial Hermann.
Financial Disclosure Comments: TIRR Memorial Hermann employment relationship

Non-financial Disclosure Comments: None

Patrice Perrin, PT, DPT
Brain Injury and Stroke Program, PT Clinical Coordinator
TIRR Memorial Hermann

Patrice Perrin, DPT, has 12 years of experience delivering physical therapy services in in-patient, sub-acute and acute care clinical settings. Following her doctorate in Physical Therapy in 2006, she took a position at JFK Johnson Rehabilitation Institute, where she worked with patients with traumatic and acquired brain injuries, orthopedic injuries and several neurological disorders. She is the co–investigator in a research study after being awarded the TIRR Memorial Hermann Rehabilitation Innovations Grant. Currently, she is the Physical Therapy Clinical Coordinator for the Brain Injury and Stroke Program at TIRR Memorial Hermann in Houston, Texas, where she enjoys her passion: treating patients with traumatic brain injuries and stroke and mentoring staff.

Financial Disclosure Comments: TIRR Memorial Hermann employment relationship; TIRR Innovations Grant Recipient

Non-financial Disclosure Comments: None reported

Arit Nwagboso, MSN, RN, CRRN
Brain Injury Manager of Nursing Services
TIRR Memorial Hermann

In her current role as a Clinical Manager, Arit is responsible for providing leadership to a patient care unit with 25-bed capacity. Arit oversees the daily operations – managing and developing departmental staff, collaborating with the interdisciplinary team in the delivery of patient care. Arit earned her Associate Degree in Nursing from Alvin Community College in 2008, a BS in Nursing from Texas Woman’s University in 2010, and MSN from the University of Texas, Houston Health Science Center in 2018. Arit started as a Certified Nursing Assistant (CNA) at Memorial Hermann in 2002 and later became a Registered Nurse at TIRR (continued)
Memorial Hermann in 2008. Over the years as a Registered Nurse, Arit has worked in the Spinal Cord Injury program as well as the Brain Injury and Stroke program. In 2015, Arit became the Clinical Manager of one of the Brain Injury and Stroke units. Arit earned her Certified Rehabilitation Registered Nurse (CRRN) certification in 2012.

Financial Disclosures: Employment relationship with TIRR Memorial Hermann

Non-financial disclosures: None reported

Kelley Shaw, MS, CCC-SLP
Brain Injury and Stroke Program
TIRR Memorial Hermann

Kelley Shaw, MS, CCC-SLP, is a Speech-Language Pathologist for TIRR Memorial Hermann. She has been practicing for 29 years, with 6 years at Memorial City and 21 years at TIRR Memorial Hermann. She has experience in inpatient, outpatient, acute, LTAC, and home health treatment settings. Her interests include behavior management, treating high-level patients with mild deficits, aphasia, apraxia and dysphagia, and working with the burn population.

She earned her bachelor’s and master’s degrees from Texas State University in 1987 and 1989.

Financial Disclosures: Employment relationship with TIRR Memorial Hermann

Non-financial disclosures: None reported

Speaker Disclosures & Conflicts of Interest:
Policy & Procedures exist whereby all speakers must disclose any relationships that may cause a conflict of interest. Any relevant financial and non-financial relationships will be disclosed via speaker agreement, written notification after agreement, and prior to presentation.

(continued)
## Proposed Schedule

**Instructional Level:** Intermediate  
**Instructional Methods Used:** Lecture, PowerPoint presentations, Case Examples, Q&A

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>12 – 12:30 p.m.</td>
<td>Registration and Refreshments</td>
</tr>
<tr>
<td>12:30 – 1 p.m.</td>
<td>Behavior Issues Following Acquired Brain Injury</td>
</tr>
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<td>1 - 1:30 p.m.</td>
<td>Assessment Tools for the Neurobehavioral Population</td>
</tr>
<tr>
<td>1:30 - 2:15 p.m.</td>
<td>Models for Behavior Management and Schedules of Reinforcement</td>
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<tr>
<td>2:15 - 2:30 p.m.</td>
<td>Break</td>
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<tr>
<td>2:30 - 3:15 p.m.</td>
<td>&quot;In The Moment&quot; Interventions to De-escalate Behavior</td>
</tr>
<tr>
<td>3:15 - 3:45 p.m.</td>
<td>Pharmacological Interventions</td>
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<tr>
<td>3:45 - 4 p.m.</td>
<td>Documentation</td>
</tr>
<tr>
<td>4 - 4:15 p.m.</td>
<td>Wrap-up: questions and course review</td>
</tr>
<tr>
<td>4:15 - 4:30 p.m.</td>
<td>Sign-out &amp; certificates</td>
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Continuing Education Credits

**OT:** Memorial Hermann Health System is an AOTA Approved Provider of continuing education. This course is offered for up to 0.35 **AOTA CEUs.** The assignment of AOTA CEUs does not imply endorsement of specific course content, products or clinical procedures from AOTA. **AOTA Classification Code:** Occupational Therapy Process - Evaluation. Participants must attend the entire course in order to receive a course certificate. No partial credits will be given.

**PT:** Memorial Hermann Health System is TPTA Approved Provider of continuing education. This course meets continuing competence requirements for physical therapist and physical therapist assistant licensure renewal in Texas for up to 3.5 CCUs. Participants must attend the entire course in order to receive a course certificate. No partial credits will be given.

**SLP:** Memorial Hermann Health System is an ASHA Approved Provider of continuing education - provider ID ABAF. This course is offered for up to 0.35 **ASHA CEUs.** The assignment of ASHA CEUs does not imply endorsement of specific course content, products or clinical procedures from ASHA. **ASHA Classification Code:** 1060. No partial credits will be given.

This course is offered for 0.35 ASHA CEUs (Intermediate Level, Professional Area).

(continued)
Nursing: 3.5 contact hours will be provided. Memorial Hermann Health System is an approved provider of continuing nursing education by the Texas Nurses Association, an accredited approver by the American Nurses Credentialing Center’s Commission on Accreditation.

Social Work: 3.5 contact hours will be provided. Texas State Board of Social Worker Examiners has approved Memorial Hermann Health System to provide continuing education activities for social workers.

CCM: This program has been submitted to The Commission for Case Manager Certification for approval to provide board-certified case managers with 3.5 clock hour(s).

Registration Information

All participants in Memorial Hermann Continuing Education Courses are entitled to an accessible, accommodating, and supportive teaching and learning environment.

Registration: This course is for MHHS employees only. To register, please go to: http://tirr.memorialhermann.org/professional-resources-education/continued-education/

Employees must use their Memorial Hermann email to register for the course. In the event of a course cancellation or update, participants will be notified via email and contact phone number you provided on the registration form.

Cancellations: You are expected to attend the course you register for. If you are not able to attend, please notify your Management Team immediately. All cancellations must be in writing 14 calendar days prior to the course start date to ContinuingEducationRegistration@memorialhermann.org. TIRR Memorial Hermann reserves the right to cancel or change any programs for due cause.

Parking: Any parking reimbursement will be through your normal departmental approval process.

Questions: Contact Education Academy at 713.799.7432 or email ContinuingEducationRegistration@memorialhermann.org.
Select a course date:*  
- January 24, 2019  
- March 28, 2019  
- August 29, 2019  
- December 12, 2019

Email Address: * __________________________________________________

Re-enter Email Address:* ____________________________________________

First Name:* ______________________________________________________

Last Name:* ______________________________________________________

Discipline or Degree* ________________________________________________
(as it will appear on course certificate)

Professional License # (Therapy Required)_____________________________

Employee ID: ______________________________________________________

ASHA Number (SLP Only): ____________________________________________

Date of Birth (MM/DD): (Nursing Required)____________________________

Phone Number:* __________________________________________________

Mailing Address:* _________________________________________________

Dietary needs:_______________________________________________________

Emergency Contact Details: _________________________________________

ADA Accommodations:_____________________________________________

Primary Work Location:* (select one)

☐ MH TMC  ☐ TIRR (Medical Center)  ☐ TIRR Sugarland

☐ MH Southwest  ☐ TIRR Greater Heights  ☐ TIRR Memorial City

☐ MH Home Health  ☐ TIRR The Woodlands  ☐ TIRR Challenge, KG

☐ MH Southeast  ☐ TIRR Challenge, TW  ☐ Katy Rehab Outpatient

☐ Floater, Location:  ☐ TIRR Kirby Glen  ☐ Other MHHS, Location: 

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Receive Updates from Memorial Hermann?*  ☐ Yes  ☐ No

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