



**Mary Free Bed**  
Rehabilitation Hospital

**TRAUMATIC BRAIN INJURY**  
**Tools and Strategies to**  
**Promote Recovery for the**  
**Moderately to Severely Challenged**

*Saturday, Feb. 22 and Sunday, Feb. 23*

**LOCATION**

Mary Free Bed  
Professional Building  
Meijer Conference Center  
350 Lafayette Ave. SE, Grand Rapids, MI 49503

## TARGET AUDIENCE

Occupational therapists • Occupational therapy assistants • Physical therapists • Physical therapy assistants

## COURSE REQUIREMENT

Devices with internet access

## COURSE DESCRIPTION

Traumatic brain injury results in an abrupt disruption to the functioning of the brain with the potential to impact any or all our mental and physical functions. The complex impairments, functional limitations and activity restrictions an individual may experience can pose considerable challenges for clinicians, from the acute through chronic phases. This two-day course will provide a framework and utilize video-based cases to provide optimal evaluation, assessment and treatment strategies for individuals with moderate to severe traumatic brain injuries. Best practices and the integration of existing evidence into clinical reasoning, along with strategies for reflection to drive professional growth, will be emphasized. This will facilitate efficient and effective decision making by the clinician to optimize outcomes for individuals with moderate to severe TBI.

## COURSE INSTRUCTOR

Andrew Packel, PT, NCS, is board certified in neurologic physical therapy. He is the Locomotor coordinator at MossRehab in Philadelphia, where he has practiced for over 20 years. He has served in numerous roles there, including as physical therapy team leader for TBI service, and contributed to multiple research projects and numerous peer-reviewed publications. He is an active member of the Academy of Neurologic Physical Therapy, most recently serving on its Movement System Task Force. He has spoken nationally on multiple topics, including management of severe TBI, analysis of walking dysfunction, specification of rehabilitation treatments and clinical reasoning and expert practice in physical therapy.

## INSTRUCTOR DISCLOSURES

Financial – Receives speaking fees from ERI

Non-financial – Nothing to disclose

## COURSE OBJECTIVES

Following this course, participants will report increased confidence in their ability to:

- Perform a comprehensive examination of an individual with moderate or severe TBI, including assessment of physical, cognitive, behavioral and psychosocial variables.
- Integrate multiple sources of information to anticipate areas of deficits to help guide examination, goal setting and prognosticating
- Develop a patient-centered plan of care that prioritizes addressing impairments linked to activity and participation restrictions, considering co-morbidities, acuity of injury, resources and personal factors.
- Implement evidence-based and theory-based interventions that will comprehensively address the needs of the individual patient.
- Utilize reflective strategies throughout the clinical reasoning process to foster professional growth and continue to drive one's own expertise.

## COURSE SCHEDULE

### Saturday, Feb. 22

7:30-8 a.m.	Registration/Continental breakfast (provided)
8-8:30 a.m.	Introduction/Professional reflection to improve practice
8:30-9:15 a.m.	Functional neuroanatomy and physiology of TBI - Primary and secondary effects - Clinical manifestations and implications for management
9:15-10:15 a.m.	Examination and Evaluation I - Theory-based evaluation strategies: What is realistic and practical?
10:15-10:30 a.m.	Break
10:30 a.m.-12:15 p.m.	Examination and Evaluation II - Cognitive, communication and perception - Neuromuscular system
12:15-1:15 p.m.	Lunch provided
1:15-2:15 p.m.	Examination and Evaluation II - Movement analysis
2:15-2:45 p.m.	Assessment tools and outcome measures - What, when and why?
2:45-3 p.m.	Break
3-4 p.m.	Prognosis and goal setting - Documentation and demonstrating need - Lower-level functioning - Higher functioning - Consideration across the continuum: acute to chronic
4-5 p.m.	Video case analysis
5 p.m.	Adjourn

Sunday, Feb. 23

7:30-8 a.m.	Registration/Continental breakfast (provided)
8-10 a.m.	Treatment planning: Integrating research, neuroplasticity, clinical knowledge and clinical judgement <ul style="list-style-type: none"><li>- Evidence-based treatment versus theory-based treatment</li><li>- Motor learning and neuroplasticity</li><li>- Compensation vs. remediation</li><li>- Treatment theory vs. enablement theory</li><li>- Hypothesis testing</li></ul>
10-10:15 a.m.	Break
10:15-11:15 a.m.	Intervention Strategies I: Body structure/function considerations <ul style="list-style-type: none"><li>- ROM, force production, cardio/tolerance to upright, vestibular, visual</li><li>- Cognitive, behavioral, perceptual factors</li><li>- Considerations for medical diagnosis, environmental, personal factors</li></ul>
11:15- a.m.-12:30 p.m.	Intervention Strategies II: Activity-based treatment strategies <ul style="list-style-type: none"><li>- Incorporating influences of impairments</li><li>- Environmental manipulation</li><li>- Structuring a treatment session</li><li>- Cueing and feedback</li><li>- Family integration</li><li>- Video examples of functional skill training</li></ul>
12:30-1:30 p.m.	Lunch provided
1:30-2:15 p.m.	Intervention Strategies III: Participation: How Do We Get to It? <ul style="list-style-type: none"><li>- Dual tasking, problem solving, activity modification</li><li>- Generalizability considerations</li></ul>
2:15- 3 p.m.	Putting it all together: Video case analysis and problem solving
3-3:15 p.m.	Break
3:15-4 p.m.	Additional strategies for success <ul style="list-style-type: none"><li>- Training primary caregivers</li><li>- Health and wellness considerations</li><li>- Resources for patients and therapists</li><li>- Searching the literature: A quick review and tricks of the trade</li></ul>
4 p.m.	Evaluation/Adjourn

## CONTINUING EDUCATION CREDITS



The two-day live course meets the criteria for 14 contact hours (14 CEUs)

Approved provider of continuing education by the American Occupational Therapy Association #3043, for 14 contact hours for Intermediate Level Occupational Therapy Process: assessment, intervention. The assignment of AOTA CEUs does not imply endorsement of specific course content, products or clinical procedures by AOTA

The MI Board of Physical Therapy accepts other state board of physical therapy approvals. Approved for 14 PDRs. Approved provider by the NY State Board of Physical Therapy.

NBCOT professional development provider - 14 PDUs

12 hours of this course qualify toward the 20-hour requirement for NDTA recertification.

## CANCELLATION POLICY

Cancellation will be accepted until 14 days prior to the start date of the course, minus a \$75 administration fee. There will be NO REFUNDS within two weeks of the course.

Education Resources, Inc. reserves the right to cancel any course due to participant demand or extenuating circumstances. Please do not make non-refundable travel arrangements until you have received confirmation that the course will be held. In the event ERI must cancel a course, you may transfer to another course of equivalent value or request a refund. While ERI will do everything possible to ensure participant satisfaction, ERI's liability is limited to the tuition fee only. Mary Free Bed will not be responsible for the refund of travel or hotel expenses.

## REGISTRATION INFORMATION

Course fee \$435. Group rate (three or more) must be mailed/ faxed together \$410. Deadline for registration is three weeks prior to the course. Registration will be accepted after the deadline on a space-available basis. Please note, walk-in registrations will not be accommodated.

Register for an ERI course online, by fax, by mail or by phone. Detailed registration instructions are listed below. If you require additional registration assistance, please call 508.359.6533 (within MA) or 800.487.6530 (outside MA).

**Online registration is encouraged.**

Register online at <https://www.educationresourcesinc.com/courses/2020-02-22/tbi-tools-and-strategies-to-promote-recovery-for-the-moderately-severely-challenged-3/>

Questions: Education Resources Inc. 800.487.6530

## REGISTER BY MAIL OR FAX:

Please make check payable and return to:  
Education Resources, Inc.  
266 Main St., Suite #12  
Medfield, MA 02052  
or fax: 508.359.2959

To register for courses by standard mail or fax, complete the course registration form, and send with check or complete the credit card information below.

## COURSE REGISTRATION FORM

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Home Phone: \_\_\_\_\_

Work Phone: \_\_\_\_\_

Cell Phone (needed in the event of emergency scheduling change):  
\_\_\_\_\_

Email (please clearly print your email address for course confirmation):  
\_\_\_\_\_

Employer: \_\_\_\_\_

Discipline: \_\_\_\_\_

Specialty: \_\_\_\_\_

How did you learn of this course? \_\_\_\_\_

*Education Resources reserves the right to cancel due to insufficient registration or extenuating circumstances. Please do not make non-refundable travel arrangements until you have received confirmation that the course will be held. We are not responsible for any expenses incurred by participants if the course must be cancelled.*

I have read the refund policy above and understand.

Cardholder's name and billing address with zip code if different from above:  
\_\_\_\_\_  
\_\_\_\_\_

Signature: \_\_\_\_\_

Amount charged: \_\_\_\_\_

I hereby authorize you to charge my:

Visa  Mastercard  Discover

Card number: \_\_\_\_\_

Exp. Date: \_\_\_\_\_ CVV Code: \_\_\_\_\_

### Who do I contact for special accommodations?

If you require special accommodations, please notify ERI at 508.359.6533 or 800.487.6530 at least three weeks prior to the course date.

## AIRPORT AND HOTEL INFORMATION

The closest airport (about 20 minutes from the hospital) is the Gerald R. Ford International Airport located at 5500 44th St. SE, Grand Rapids, MI 49512. [www.flygrandrapids.org](http://www.flygrandrapids.org)

There are many lodging options in and around the Grand Rapids area, including but not limited to:

### AMWAY GRAND PLAZA HOTEL

187 Monroe Ave. NW, Grand Rapids, MI 49503  
616.774.2000  
*0.9 miles west of Mary Free Bed*

### HOLIDAY INN

310 Pearl St. NW, Grand Rapids, MI 49504  
616.235.7611  
Downtown Grand Rapids at 131 and Pearl Street  
*One mile northwest of Mary Free Bed*

### DOWNTOWN COURTYARD BY MARRIOTT

11 Monroe Ave. NW, Grand Rapids, MI 49503  
616.242.6000 or 800.321.2211  
Downtown Grand Rapids at Fulton and Monroe  
*One mile west of Mary Free Bed*

### HOMEWOOD SUITES BY HILTON

161 Ottawa Ave. NW, Grand Rapids, MI 49503  
616.451.2300  
*One mile northwest of Mary Free Bed*

### HAMPTON INN & SUITES - DOWNTOWN

433 Dudley Place NE, Grand Rapids, MI 49503  
616.456.2000  
*One mile north of Mary Free Bed*

### HOLIDAY INN EXPRESS HOTEL & SUITES

6569 Clay Ave. SW, Grand Rapids, MI 49548  
616.871.9700  
South of downtown Grand Rapids at 131 and 68th Street  
*Nine miles south of Mary Free Bed*

### SPRINGHILL SUITES BY MARRIOTT

450 Center Drive, Grand Rapids, MI 49544  
616.785.1600 or 888.287.9400  
[springhillsuites.marriott.com](http://springhillsuites.marriott.com)  
1-96 and Alpine Avenue  
*Five miles north of downtown Grand Rapids*

### STAYBRIDGE SUITES BY HOLIDAY INN

3000 Lake Eastbrook Blvd. SE, Kentwood, MI 49512  
616.464.3200  
29th Street and Lake Eastbrook Boulevard  
*Eight miles east of Mary Free Bed*

### SLEEP INN & SUITES

4824 29th St. SE, Grand Rapids, MI 49512  
616.975.9000  
29th Street and East Paris Avenue  
*Eight miles east of Mary Free Bed*