

Clinical assessment of gait and movement in individuals with neurologic dysfunction



November 9, 2016

Agenda

- 4:15 – 4:30 Registration
- 4:30 – 6:00 Observational Gait Analysis and Normal Gait
- 6:00 – 6:15 Dinner Break
- 6:15 – 7:00 Alternative frameworks for gait and movement analysis
- 7:00 – 7:30 Treatment planning and clinical decisions based on observed gait deficits
- 7:30 – 7:45 Break
- 7:45 – 9:00 Video Analysis and clinical decision discussion
- 9:00 – 9:15 Wrap-up/questions and discussion

Description:

One of the primary goals of many physical therapists is the restoration of mobility and/or movement. A thorough, accurate clinical assessment of the movement problem is a necessary first step before establishing a treatment plan and designing an effective intervention. This course will review options for systematically analyzing gait and other movements, in individuals with and without neurologic impairments. Different frameworks for assessment will be introduced and discussed. The focus of the content will be on clinical decisions regarding gait assessment and functional mobility and participants will have the opportunity to practice with the use of video examples. Pros and cons of different means of analysis will be discussed, including how the assessment may be used to guide treatment interventions.

Course level: Intermediate

Target Audience: Physical Therapists and Physical Therapy Assistants

Learning Objectives

Participants will:

1. Identify the phases of normal gait and critical function of each phase.
2. Identify (3) common deviations seen in the of gait identified in traditional observational gait analysis.
3. Describe (3) frameworks for analyzing movement, including identification of one particular strength for each.
4. Analyze video examples of movement, discuss observed deficits and clinical decisions regarding gait interventions.

Location: MossRehab at Sacred Heart Hospital

421 Chew Street, Allentown, PA 18102

Speakers:

Andy Packel MPT, NCS: Andy has extensive experience with the neurologic and brain injury population. His recent employment includes research assistant at the MossRehab Research Institute as well as clinical care in neurologic units at MossRehab.

Maria Lucas, PT, DPT: Maria works in the Gait and Motion Analysis Laboratory of MossRehab. She has extensive experience lecturing on the topics of normal, neurologic and prosthetic gait.

This course has been approved by the **Pennsylvania State Board of Physical Therapy**—Approval #PTCE008570

Contact Hours: 4.0 **CEUs:** .40

Cost: \$50.00

Cost includes: Light meal and electronic handouts. Printed handouts will not be available at the course.

For More information and to register go to:

www.mossrehabconference.com

Contact: Sheila Wallace 215-663-6457