

ASIA Pre-Course
Craig Hospital
April 18, 2012

“Gait Assessment and Treatment: New Approaches and Advanced Technologies”

This one-day course is designed for physical therapists who want to design comprehensive intervention programs focused on gait dysfunction in persons with neurologic injury. This course will include a review of normal and pathological gait as well as motor learning principles; advanced clinical decision-making to facilitate motor learning related to use of state of the art technologies; and hands-on instruction on a motor recovery approach in individuals with neurologic gait dysfunction via various technologies. From a clinical problem-solving perspective, the course will address common neurological gait pathologies through choice of intervention type and method. The course format will consist of lecture, video, discussion and hands on learning with advanced technologies including but not limited to the following: locomotor training with robotic and manual assistance, over ground robotics; functional electrical stimulation (FES) technologies and contemporary orthoses. The course will also include a brief tour of Craig’s PEAK Center and the hospital.

Course Agenda:

Time	Topic
8:00am	Transportation from Hyatt to Craig Hospital
8:30-9:00am	Registration
9:00-10:30am	Normal and Pathological Gait Review
10:30-10:45am	Break
10:45-12:00pm	Motor learning principles and Designing a treatment intervention
12:00-1:00pm	Lunch (provided onsite)
1:00 -2:00pm	Relevant literature review
2:00-4:00pm	Hands on learning opportunity with Advanced Technologies
4:00-4:30pm	Questions and Wrap up
4:30-5:00pm	Tour of Craig Hospital
5:00pm	Depart for Hyatt in Downtown Denver