



Rehab Program
WEDNESDAY, May 8, 2019
Registration and Light Continental Breakfast: 8:30 - 9:00am
Program Sessions: 9:00am - 4:00pm
this program has .6 ceu's available

Wade Lucas and this Program is Sponsored by:

Rehab Program will run 9:00am - 4:00pm

8:30am - 9:00am

Registration and Light Continental Breakfast



The Case for Wheels: Selecting the Clinically Appropriate Base (3 hr)

Course Description: This course builds a clinical and practical foundation when going through the process of selecting the appropriate power mobility device. Participants will begin by starting from the ground up with the physical capabilities and performance characteristics of rear wheel drive, mid-wheel drive, and front wheel drive; gaining an understanding of how each configuration behaves within differing environments. Participants will then interact within small focus groups, working hands-on with interactive technology and actual power wheelchairs, to solve specific challenges that are based out of actual case study. The session finishes with each focus group presenting their experience and findings in a large group setting for open discussion

Learning Objective(s):

- 1) Participants will be able to list two advantages of each of the 3 main power wheelchair configurations available today.
- 2) Participants will be able to describe two of the "outdoor terrain" behaviors of each power wheelchair, drive wheel configuration.
- 3) Participants will be able to justify the medical need for tracking technology on a power wheelchair for an individual with mobility deficits.
- 4) Participants will be able to justify the medical need for wheelchair suspension on a power wheelchair for an individual with mobility deficits.

Power Wheelchair Access Options: Creating Opportunities for Independence (3 hr)

Course Description: There are many options when it comes to controlling a power wheelchair and controlling other technology. Specialty controls allow those individuals who lack full control over their bodies to be able to have a level of independence by controlling the power wheelchair through its sophisticated electronics. The electronics these days provide further independence through Bluetooth and Infrared technology available on many wheelchairs. There will be a lecture and a hands-on portion of the class to provide participants with a variety of learning experiences.

Learning Objectives:

- 1) Participant will be able to interpret the benefits of two specialty controls that can provide independence to a person with a significant physical disability.
- 2) Participant will be able to express two reasons that remaining proportional as long as possible provides the most control over a power wheelchair.
- 3) The participant will be able to apply the use of Bluetooth technology available in power wheelchair electronics to three household that increase the end user's independence in the home environment.

Wade Lucas, PT, DPT, ATP/SMS, Clinical Education Manager

Wade is a licensed Physical Therapist and a certified Assistive Technology Professional (ATP)/Seating and Mobility Specialist (SMS) through RESNA. He has over 14 years of experience working in the complex rehabilitation equipment field. His clinical experience includes inpatient rehabilitation, outpatient, pediatrics, skilled nursing/long term care, and home health.

Wade's current role with Quantum Rehab is to develop education programs on the clinical uses of company products and produce education presentations to provide to therapists and equipment providers. He also provides education to field sales staff on clinical benefits of Quantum products.

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