

**EARN
COMPLIMENTARY
CEU CREDITS!**

What's the Difference? Clinical Applications for Standard and Complex Power Wheelchairs

**HRS 2
CEU 0.2
CEC 2.0**

AUGUST 6, 2022

HOUSTON ABILITIES EXPO

10 AM - 12 PM

COURSE DESCRIPTION

A power wheelchair is a power wheelchair, right? While many power wheelchairs are controlled by a standard in-line joystick, as complex rehab equipment professionals, we should not assume most power wheelchairs are similar.

This course will discuss key performance characteristics of the 2 most common power wheelchair groups (Group 2 and Group 3), considerations for drive wheel configuration, the need for non-expandable versus expandable controllers, and considerations for suspension.



LOCATION

NRG Center, Hall E
Room 108
8400 Kirby Avenue
Houston, TX 77054

TARGET AUDIENCE

Licensed/Certified Medical Professional (i.e. PT, OT),
Rehab Professional (ATP, SMS, CRTS)

PRE-REQUISITES

Learners should have basic knowledge and understanding of power mobility devices and the general DME/CRT qualifications and justifications for various levels of equipment.

COURSE LEVEL

Intermediate

INSTRUCTIONAL METHODS

Lecture with PowerPoint
Discussion

AOTA CLASSIFICATION CODE

OT Service Delivery,
Foundational Knowledge

LEARNING OBJECTIVES

At the conclusion of the course, you will be able to:

- Distinguish 3 key specifications of Group 3 power wheelchairs that promote and enhance function for the end user.
- Discuss 2 capabilities that expandable electronics provide to enhance functional independence for the end user
- Distinguish 2 advantages of each drive wheel configuration type that will facilitate environmental access for the end user.

AGENDA

Introduction/agenda, overview of power wheelchair group specifications, power wheelchair equipment packages: no power, single power, and multi power options, considerations and benefits of suspension.

Considerations and benefits of suspension; considerations and benefits of tracking technology; advantages and disadvantages of front, mid, and rear wheel drive power wheelchairs, wrapup and discussion.

INSTRUCTOR: ALEX CHESNEY, OTR, ATP/SMS

Alex Chesney is the clinical sales manager of the Midwest South Region for Quantum Rehab. She provides educational services as an occupational therapist, assistive technology professional and seating and mobility specialist. Alex graduated from the University of Oklahoma with a bachelor's degree in multidisciplinary studies and a minor in psychology in 2011. She earned her master's in occupational therapy from Texas Woman's University in 2013. Alex practiced occupational therapy in a top neurological inpatient rehabilitation center in Houston, treating those with traumatic spinal cord injuries and various neurodegenerative diseases.

As a clinician, Alex prescribed advanced seating and mobility technologies and served as a primary education resource for best practices within neurological rehabilitation. Alex previously served as a committee chair for the Academy of Spinal Cord Injury Professionals and continues involvement as a committee member. She is the occupational therapy coordinator for Rehabilitation Services Volunteer Project, providing free neurological therapy services to those in the Texas area.

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Quantum Rehab/Pride Mobility Products Corp. has been approved as an Accredited Provider #1307743 (Valid through 2/28/26) by the International Association for Continuing Education & Training (IACET) 21670 Ridgetop Circle, Suite 170, Sterling, VA 20166: (703) 763-0705.



This activity is approved by the Texas Board of Physical Therapy Examiners Accredited Provider #2502011TX (Valid 2/28/25) and meets continuing education requirements for physical therapy and physical therapy assistant licensure renewal in Texas. The assignment of Texas PT CCUs does not imply endorsement of specific course content, products, or clinical procedures by TPTA or TBPE.

ADA: If you require ADA accommodations, please contact your local rep or the Education team at least two weeks prior to the seminar date to make arrangements.

Satisfactory Completion Requirements: 100% Attendance. Credit will be awarded to participants of this program that sign-in/sign-out, provide a completed evaluation form and the last 4 digits of the SSN.

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**EARN
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Balancing Function and Independence: Clinical Considerations for Power Positioning

**HRS 2
CEU 0.2
CEC 2.0**

AUGUST 6, 2022

HOUSTON ABILITIES EXPO

1 PM - 3 PM

COURSE DESCRIPTION

Power wheelchairs are designed to augment function when functional mobility is compromised or lost. For end users with complex needs, the power wheelchair can also augment repositioning and pressure relief.

This course will dive into the various options for power positioning, clinical benefits, various access methods, and the research supporting the need for power positioning technology.



LOCATION

NRG Center, Hall E
Room 108
8400 Kirby Avenue
Houston, TX 77054

TARGET AUDIENCE

Licensed/Certified Medical
Professional (i.e. PT, OT),
Rehab Professional (ATP, SMS, CRTS)
Reimbursement & Billing Specialists

PRE-REQUISITES

A basic knowledge of power mobility devices is recommended but not necessary.

COURSE LEVEL

All Levels

INSTRUCTIONAL METHODS

Lecture with PowerPoint
Demonstration
Discussion

AOTA CLASSIFICATION CODE

OT Service Delivery,
Foundational Knowledge

LEARNING OBJECTIVES

At the conclusion of the course, you will be able to:

- Explain 4 clinical considerations for the recommendation of tilt, recline and power elevating legrests.
- Discuss 3 different options for providing the end user access to the power positioning functions through the wheelchair controls.
- Distinguish the medical need for an end user to operate their power seat functions through the drive control input device.

AGENDA

Introduction/agenda, trial of power seating functions, discussion of audience perceptions of power seat functions, clinical benefits of tilt, recline, elevating legrests, and combination systems.

Documenting medical necessity for power seat functions, control and operation of power seating functions through the drive input device, clinical considerations for power adjustable seat height, wrapup and discussion.

INSTRUCTOR: ALEX CHESNEY, OTR, ATP/SMS

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