



**MOTION**  
COMPOSITES



# CONTINUING EDUCATION OPPORTUNITIES



## WHAT MAKES UP A SEATING SYSTEM? CLINICAL CONSIDERATIONS FOR MATCHING CLIENT TO PRODUCT

Back supports and cushions rely on understanding anatomy for effective positioning. We will also review current market products, examining components, sizing, materials, and features and how to determine if they align with client needs. Participants will enhance their proficiency in optimizing positioning and develop the confidence to pursue the ideal match between product and client.

**0.1 CEU** 1 CONTACT HOUR



**NEW**

## WHEELCHAIR POSITIONING FOR OPTIMAL SEATED ALIGNMENT: AN INTRODUCTION INTO POSTURAL CORRECTION & ACCOMMODATION

This course covers wheelchair seating assessment, focusing on optimal postural alignment, key physical assessment skills, and the impact of seating on function and health. Participants will explore postural asymmetries of the trunk and pelvis and apply seating interventions for postural correction or accommodation through clinical examples and case studies.

**0.1 CEU** 1 CONTACT HOUR



## MAXIMIZING PROPULSION EFFICIENCY IN MANUAL WHEELCHAIR DESIGN & PRESCRIPTION

Efficient manual wheelchair propulsion reduces fatigue, prevents injury, and enhances mobility. This session explores key factors influencing propulsion, including wheelchair design, configuration, and training. Clinicians will learn strategies to optimize propulsion mechanics, assess efficiency upon delivery, and integrate propulsion training into treatment plans to improve function, independence, and overall quality of life.

**0.1 CEU** 1 CONTACT HOUR

**NEW**



## MANUAL WHEELCHAIR PROPULSION: TECHNIQUES, POSITIONING, AND EQUIPMENT CONSIDERATIONS

This course explores manual wheelchair propulsion techniques, including arm, foot, hybrid and dependent methods. It will explore positioning for efficiency and injury prevention, and frame and seating adjustments. Participants will also examine wheelchair design factors, teaching propulsion styles, and troubleshooting challenges through case studies.

**0.1 CEU** 1 CONTACT HOUR



## PEDIATRICS: DON'T OVERTHINK IT, RE-THINK IT FOR INDEPENDENT MOBILITY

Pediatrics! That one word can bring anxiety and apprehension when preparing for a seating and mobility evaluation. Pediatric clients should not be treated as "little adults." They have their unique mobility, positioning, and social needs. This course will examine growth patterns and the best ways to "build growth" into the mobility device. Ensuring optimum configuration, we will discuss propulsion training as an essential part of the pediatrics' prescription process.

**0.1 CEU** 1 CONTACT HOUR

**NEW**



## ABOVE AND BEYOND RE-THINKING: PRACTICAL GUIDELINES FOR OPTIMIZING PEDIATRIC MANUAL MOBILITY

A collaborative, team-based approach to pediatric wheelchair prescription is essential, as funding often requires one device to meet diverse needs across environments. This presentation focuses on optimizing manual mobility through intentional component choices. Evidence and pediatric cases show how targeted upgrades can reduce weight, improve self-propulsion efficiency, and promote independence and participation for children.

**0.1 CEU** 1 CONTACT HOUR



## K0005 FUNDING: ENSURING APPROPRIATE ACCESS TO EQUIPMENT\*

Misinformation regarding funding for complex rehab technology can create obstacles for clients and clinicians. This course takes a look at wheelchair funding programs, equipping participants with strategies for success and enhancing overall client outcomes through informed decision-making.

**0.1 CEU** 1 CONTACT HOURS \* Only available in USA



## MATCHING CLINICAL FINDINGS TO DETERMINE THE OPTIMAL SHOWER COMMUNE CHAIR \*

Often shower commode chairs are perceived as an off-the-shelf, one-size-fits-all device. In this course, we will look at the person and identify key areas where customizing a mobile shower commode chair can maximize client outcomes. Including maintaining skin integrity, reinforcing appropriate positioning, identifying key anatomical landmarks, taking accurate measurements of the client, and identifying the ideal features required to optimize function.

**0.1 CEU** 1 CONTACT HOURS \* Only available in CANADA





## ANATOMY OF A MANUAL WHEELCHAIR: CLINICAL IMPLICATIONS

In this course, examine wheelchair frame design and materials that affect client outcomes. When selecting an appropriate manual wheelchair, it is easy to get lost in the features and benefits of the latest product. Once overwhelmed, many surrender to their usual routine. Focus on the form and function of the wheelchair to ensure client needs are being met.

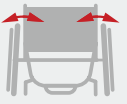
**0.1 CEU** 1 CONTACT HOUR



## CENTER OF GRAVITY: UNDERSTANDING THE FUNCTIONAL IMPACT

Define and examine center of gravity as it relates to manual wheelchair configuration. Review evidence related to configuration and optimal manual wheelchair performance. Explore the impact of vertical and horizontal axle position changes on end user function, safety, and upper extremity health.

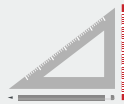
**0.1 CEU** 1 CONTACT HOUR



## CAMBER: DEGREES OF PERFORMANCE

Cambered wheels are most often associated with adapted sports, however, some of the best candidates do not even participate in sports. Often overlooked, there are populations of wheelchair users, outside of wheelchair sports, who would greatly benefit from cambered wheels on their daily chairs. In this presentation, we will explore special considerations for gender and age, biomechanical benefits, limitations, and applications of cambered rear wheels on ultra-lightweight manual wheelchairs.

**0.1 CEU** 1 CONTACT HOUR



## MEASUREMENTS FOR MANUAL WHEELCHAIRS: SMALL DETAILS MAKE A BIG DIFFERENCE

Measuring for a manual wheelchair is a detailed, personalized process that can ultimately result in client satisfaction or equipment abandonment. Explore formal and informal assessments used to collect information needed to complete wheelchair order forms. Consider how clinical judgements impact client outcomes.

**0.1 CEU** 1 CONTACT HOUR



**NEW**

## BEYOND THE BASE: THE SEATING PROFESSIONAL'S RESPONSIBILITY OF EDUCATING ON MANUAL WHEELCHAIR COMPONENTS

When configuring an ultralight manual wheelchair, significant time and consideration is spent on the base. Accessories are necessities of the seating system to complete the configuration. As professionals, we must educate clients and caregivers on the advantages and disadvantages of each selected component, creating an understanding of how components contribute to overall function and satisfaction.

**0.1 CEU** 1 CONTACT HOUR



## CHANGES WITH AGE: GIVING YOU THE JUSTIFICATION FOR CUSTOM MANUAL WHEELCHAIRS FOR THE GERIATRIC CLIENT

The geriatric client can be easily overlooked as one who could benefit from a custom fitting, ultralightweight, adjustable manual wheelchair. They are too often provided the "basic" wheelchair without much thought. This course will review normal physiological changes that come with aging, and how proper wheelchair seating, base selection, fitting, and set up, can be justified for the geriatric client.

**0.1 CEU** 1 CONTACT HOUR

# MEET THE EDUCATION TEAM



**ALLI  
SPEIGHT**

MScOT, ATP/SMS



**CHRISTIE  
HAMSTRA**

PT, DPT, ATP/SMS



**ERIN  
MANIACI**

PT, DPT, ATP



**PETRA  
CONAWAY**

PT, DPT, ATP/SMS



iNRRTSCE is certifying the educational contact hours of the program and by doing so is in no way endorsing any specific content, company, or product. The information presented in this program may represent only a sample of appropriate interventions. As an IACET Accredited Provider, The National Registry of Rehabilitation Technology Suppliers offers CEUs for its programs that qualify under the ANSI/IACET Standard.



[motioncomposites.com](http://motioncomposites.com) | [education@motioncomposites.com](mailto:education@motioncomposites.com)

