

# BRITISH

# COLUMBIA

# EDUCATION SEMINAR



# MOTION COMPOSITES

CARBON WHEELCHAIRS



## Configuring Seating & Mobility Systems: A Deep Dive into Justification and Best Practices for Manual Wheelchair Clients

A hands-on interactive workshop demonstrating the importance of proper seating and mobility system set-up. Understand with confidence how to justify an ultralight manual wheelchair. Know the basic principles of cushion and back support design for wheelchairs and rehab shower chair commodes and how proper setup can affect pressure redistribution and positioning. Learn the importance of manual wheelchair configuration for propulsion efficiency and how an optimally set up system can preserve upper limb function. Learn how to evaluate and perform propulsion assessments and wheelchair skills which you can bring back to your daily practice.

## 0.2 CEU / 2 CONTACT HOURS

How to Register:

Click on one of the locations and it will redirect you to the online registration page.

Any questions or assistance please contact us at:

Email: [INFO@MEDSUPPLYSALES.CA](mailto:INFO@MEDSUPPLYSALES.CA)

Phone: 1-604-655-4128

**Registration: \$25 + PST**

## LEARNING OBJECTIVES

The attendees of this course can expect to:

- Be proficient with complex ultralight wheelchair justifications.
- Understand clinical principles of wheelchair cushion and back support design.
- Critically examine wheelchair materials and components that impact overall weight of the wheelchair.
- Apply clinical principles for Vicair cushion technology.
- Learn best practices for manual propulsion and upper extremity preservation.
- Be able to evaluate and recommend adjustments of manual wheelchair real wheel position to maximize propulsion efficiency.
- Learn common propulsion techniques and wheelchair skills, including wheelies, to improve efficiency.
- Understand clinical principles of 24 hour positioning as it applies to rehab shower commode chairs.



## DATE & LOCATIONS :

Monday June 20th 8:30AM - 3:00PM  
Executive Suites Hotel & Conference Center  
Centennial Room  
4201 Lougheed Hwy  
Burnaby, BC, V5C 3Y6

Tuesday June 21st Coast 8:30AM - 3:00PM  
Capri Hotel  
The Horizon Room North  
1171 Harvey Ave  
Kelowna, BC V1Y 6E8

Thursday June 23rd 8:30AM - 3:00PM  
Vancouver Island Conference Center  
Mt. Benson Room  
101 Gordon St  
Nanaimo, BC V9R 5J8

Friday June 24th 8:30AM - 3:00PM  
Inn at Laurel Point  
Merino Room  
680 Montreal St  
Victoria, BC V8V 1Z8

# ABOUT THE SPEAKER



Erin Maniaci PT, DPT, holds a Doctorate in Physical Therapy from the University of Missouri. She began her career in a Spinal Cord Injury rehab hospital where she grew her expertise in seating and education. She expanded upon that expertise working in outpatient neurology and as an educator for a local complex rehab supplier. Erin puts strong emphasis on building patient rapport and cultivating relationships. She is a current Clinical Education Specialist with Motion Composites where she provides educational sessions throughout North America and internationally.

# PROGRAM AGENDA

- |   |               |
|---|---------------|
| 8:30-8:45am   | Registration  |
| 8:45-9:00am   | Lecture       |
| ○ Introductions   |               |
| 9:00-9:55   | Lecture/CEU   |
| ○ WHY WEIGHT MATTERS  |               |
| 10:00-10:55   | Lecture       |
| ○ ANATOMY OF A WHEELCHAIR: How to critically examine the frame, material, and components to justify for funding |               |
| 11:00-12:00   | Lecture/CEU   |
| ○ CENTER OF GRAVITY: What Does It Really Mean?  |               |
| 12:00-12:45   | Lunch & Learn |
| ○ Eat while you come up to see and test products  |               |
| 12:45-1:15pm  | Lab #1        |
| ○ Optimizing COG for Independence & Performance   |               |
| 1:15-2:00   | Lecture       |
| ○ Cushions & Back Supports  |               |
| 2:10-2:30pm   | Lab #2        |
| ○ CUSHION SCENARIOS - Break Out Groups  |               |
| 2:30-3:00pm   | Lecture       |
| ○ WHAT'S NEW WITH RAZ?!   |               |