



CAOT - ACE

Canadian Association of Occupational Therapists
Association canadienne des ergothérapeutes

Easy Choice: Practice Bundle

Seating and Mobility: Power

This webinar bundle includes the following 5 On-Demand Practice Evidence Webinars:

Alternative Driving Methods for People with Muscle Weakness

Presented by Michelle L. Lange on November 21, 2017

Complex rehab power wheelchairs support a host of features, including alternative driving methods, power seating and customizable programming. These features are essential for many clients with muscle weakness. This webinar will explore proportional and digital driving methods which require less active range of motion and force for use with this population. Programming tips to reduce effort and fatigue will also be discussed. Case studies will also be included.

After watching this webinar, you will be able to:

1. Describe 3 clinical implications of muscle weakness on use of a power wheelchair standard joystick.
2. Identify 3 alternative proportional access methods applicable to muscle weakness.
3. Identify 3 alternative non-proportional access methods applicable to muscle weakness.

Em-POWERment: Power mobility training methods for children and adolescents with multiple severe disabilities

Presented by Lisa Kenyon on November 7, 2017

Clinicians often report difficulties in providing power mobility training for children with multiple or severe impairments and may lack confidence in their own ability to work with complex equipment such as a power mobility device. This webinar will promote knowledge translation through case-based examples that illustrate the feasibility of including power mobility training interventions in the plan of care for children who have multiple, severe impairments.

After watching this webinar, you will be able to:

1. Discuss three potential benefits of using power mobility training interventions with children and adolescents who have multiple, severe disabilities.
2. Describe five steps to creating power mobility training programs to meet the individual needs of children and adolescents who have multiple, severe disabilities.
3. Discuss three means by which to evaluate outcomes and expectations for the use of power mobility interventions in this unique population.

Do-it-Yourself Switches

Presented by Heather Thomas on January 17, 2017

A switch allows a client with a physical impairment to engage to accomplish the tasks associated with the client's chosen activities. In the simplest case, mechanical switches (single-switch interfaces) are controlled with an explicit physical movement. However, the cost of these switches can range from \$50 to hundreds of dollars. Clinicians in practice would benefit from learning the components of conventional mechanical switches and the construction of low-budget switches, battery interrupters and switch-adapted toys. Participants will be shown how to build a simple switch from common materials. This webinar includes a reflection on the variety of ways switches can be used to adapt occupations as well as remediate motor impairments.

After watching this webinar, you will be able to:

1. Describe how the use of a single switch can allow for independence in occupations requiring the use of electronic devices.
2. Build a simple switch using inexpensive materials.
3. Make a battery interrupter using inexpensive materials.

Navigating the Risk of Power Mobility in the Long-Term Care Setting

Presented by Sarah Trenker & Alexandre Mouret on October 25, 2016

Sarah Trenker, occupational therapist, will present an overview of Mount Hope's process of managing power mobility. This process developed from a literature review includes assessment, review of policy and signing of an agreement, monitoring and follow up from "accidents" which are called occurrences.

Alexandre Mouret, lawyer, will present an overview of the legal aspects of managing power mobility and answer questions such as is a client's use of a power wheelchair a right or a privilege? Can the facility be liable for accidents caused by clients? What is the state of the law with regard to power mobility devices and driving those devices while impaired?

After watching this webinar, you will:

1. Be familiar with putting together a process to manage power mobility in their facility.
2. Be aware of how the law in Canada views power mobility concerns in the long-term care setting.
3. Be familiar with what articles and legal cases/reviews exist to support management of power mobility.

Power Mobility Assessment: Safety, Skills, Confidence and Participation

Presented by Ben Mortenson & Paula Rushton on May 12, 2015

Power mobility is a critical means of enabling occupation among individuals who have difficulty propelling manual wheelchairs. Unfortunately, relatively few users receive formal training and standardized measures are only infrequently used to capture the outcomes associated with wheel-chair related interventions. A synopsis of the presenters' research on power mobility assessment, training and outcome measurement will be provided. This webinar will also provide an overview of important considerations during the power mobility assessment process, describe the importance and efficacy of power mobility training, and review three standardized measures that therapists could integrate into their practice.

After watching this webinar, you will:

1. Identify important considerations during the power mobility assessment process including issues around informed consent, and component versus performance based assessment.
2. Describe the measurement properties of a three standardized measures including the Wheelchair Skills Test for power mobility, the Wheelchair Use Confidence Scale for powered mobility and Wheelchair Outcome Measure
3. Access resources needed to become confident to use these measures and implement them into practice.

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