

## **Pediatric Seating and Positioning and Pediatric Power Mobility**

Evidence based (informed/guided) therapy begins with knowing the studies that support your practice patterns. This fast paced day will intertwine the latest research with real case stories of infants and children toddlers who have moderate to severe gross motor dysfunction (GMFCS Levels IV and V).

### **Morning Session - Pediatric Seating and Positioning**

Pediatric seating and positioning challenges and solutions will be discussed using interactive participant response units. We will explore how spinal curves are formed, the consequences of inactivity, specific interventions to protect hips, and how common seating applications could deform a growing pelvis. Two studies on dynamic seating will be reviewed to assist in choosing the right child for these systems.

#### **Course Objectives for Morning Session:**

- Upon completion, the experienced clinician/educator will be better able to:
- Explain the importance of an evidence-informed approach in the pediatric evaluation
- Identify the GMFCS Levels and be able to describe the predicted motor outcomes for each level.
- List the key positioning requirements considered for young children.
- Discuss the relationship between seating/postioning and activity/participation using an ICF (International Classification of Function) framework
- Know how to use the web to write letters of medical necessity in 15 minutes or less

### **Afternoon Session - Pediatric Power Mobility**

This session will begin with a quick case-story packed review of the evidence supported power mobility in very young, visually impaired and cognitively challenged children. The RESNA and European position paper on pediatric power will be reviewed. Specific protocols and strategies will be demonstrated using a variety of equipment. You will leave this session believing that toddlers, even (and especially!)those with the most severe levels of gross motor dysfunction (GMFCS IV and V) can and should be given access to power mobility.

#### **Course objectives of Afternoon Session:**

- Participants will be able to describe two benefits of mobility to very young children.
- Participants will be able to implement the scheduled training program.
- Participants will be able to measure the success of each power mobility training session by using a precise outcomes measure.
- Participants will have a specific algorithm for increasing the degree of difficulty of learning to drive.