The Golden Rule of Managing Pediatric Orthopedic and Motor Development

Program # 1: Early Postural Control Acquisition

**Target audience:** Practicing clinicians and students of physical therapy, occupational therapy, orthotics, rehabilitation medicine, and orthopedics

Level: Intermediate. Clinicians are expected to know neuromusculoskeletal anatomy, kinesiology, and the components and functions of the nervous system as it relates to balance and movement.

**Course description:** In this hour-long program, Ms. Cusick (Billi) cites clinicians who have influenced her work in significant ways. On her way to sharing her new insight, she reviews key biomechanical and sensory-motor aspects of early postural control acquisition - the essential foundation for building competent limb use and movement skills. She then applies her golden rule to two cases, and opens the live session for questions and discussion.

**Objectives**

By the end of the webinar, the participant will be able to:

- Define postural control.
- Discuss the significance of the drive for verticality in daily life.
- Define Bly’s point of stability and point of mobility and to give an example upon request.
- Describe the influence of the drive for verticality on the point of stability in early development in prone position.
- Name three sensory systems involved in postural control and movement acquisition.
- State the correct sequence of the body planes in which postural control emerges prior to walking, according to Bly.
- State the first and second components of movement against gravity that emerge in normal development.
- State the proposed clinical “golden rule” of pediatric orthopedic and neuromotor management.
- Suggest interventions that implement the golden rule for infants with deficits in postural control following premature birth.