
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.