

IN-DEPTH CLINICAL APPLICATIONS USING AN ETIOLOGICAL APPROACH

COURSE DESCRIPTION:

Part A challenged the clinician to ask the right questions and form a systematic approach to the child who “toe walks.” Chaos was replaced with clarity through an organized evaluation procedure that results in appropriate intervention. Part B continues with additional detail on assessment & intervention.

Previously introduced, *The Act!* (Assessment Criteria for Toe walking) is further utilized in a guided, evidence-based, detailed, decision making process. Clinical application skills are enhanced via supplemental provided case studies.

Updated in 2023, Liesa’s comprehensive Toe Walking specific Evaluation provides complementary information regarding rationale & an appropriate plan of care for each contributing factor to the toe walking gait.

Participants will apply information, from both ***The Act!*** & the Evaluation, to identify specific problems for each individual child. Both tools are then used to make decisions in order to implement appropriate & feasible interventions. Finally, Liesa guides the treating clinician towards an etiology based problem list, suitable interventions & a relevant plan of care.

AGENDA:

Significance, Interpretation & Utilization of Publications relevant to The Assessment of Toe Walking: Substance Exposure In Utero

- Substance Exposure in Utero
- Birth Characteristics
- Family History
- Developmental History
- Reflexes
- Vestibular

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Additional Information relevant to Assessment:

- Calf Presentation
- Physical Assessment
- Movement Quality
- Balance
- Gait
- Neurological
- Vision
- Proprioception

Applicable Information for Determination of the Contributing Factors to Toe Walking:

- Gestational Age
- C Section Delivery
- NICU Stay
- Reflux &/or GI Issues
- In Utero Medications & Substances
- Floor Mobility & Onset of Walking
- Commercial Positioning Toys
- Reflexes
- Vision
- Family History

Characteristics of Ideal Gait & Toe Walking: Description & Explanation

Shoe & Orthotic Modifications:

External Wedges

Internal Wedges

Custom & Pre-Fabricated AFOs

Case Studies (Videos of Evaluation, Interpretation & Intervention):

- Musculoskeletal Etiology
- Neuromotor Etiology
- Sensory Etiology