



Wednesday, April 5, 2017

5:30-9:30 pm

(Dinner will be provided)

Crowne Plaza Philadelphia

4700 Street Rd

Feasterville, PA 19053

Agenda

- 5:00 Sign-in begins
- 5:30 Overview and Introduction
- 6:15 Development of Walking Skills
- 6:45 Positioning for growth: Skeletal alignment
- 7:15 Hip orthotics
- 7:35 Gait
- 8:15 Tri-Planar Biomechanics
- 8:50 Gait Cycle Muscle Function
- 9:20 Conclusion and Q&A

This 4-hour lecture is intended for all Physical Therapists and PT Assistants working with children, regardless of skill level and practice setting.

Let Childhood Happen: A Collaborative Approach

Description

This course provides an overview of childhood gait, walking pre-requisites and tri-planar biomechanical efficiency. Dynamic orthoses with case studies are reviewed as therapeutic options.

Objectives

Gait analysis:

- Understand and critique how gait is analyzed across pediatric practice settings

Pre-Walking:

- Explain the role of pre-walking development skills on bone and soft tissue modeling.

Gait and Development:

- Examine typical and atypical skeletal development and alignment along the lower extremity.

Tri-Planar Biomechanics:

- Compare calcaneal mobility in a thermoplastic closed heel AFO versus an open heeled carbon composite AFO.

Orthotic Intervention:

- Compare and contrast different models and materials of AFOs and their impacts on muscle function, foot mobility, and resulting functional or dysfunctional outcomes.

Speaker

Dr. Phil Cadman, PT, DPT

Approval

NJ Board of PT Approval #2016-811– 4 CE Credits

PA Board of PT Approval #011224– 4 Gen Credits

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