

# Let's Get Walking!

## Gait in Pediatrics

Suzanne Davis Bombria  
PT, C/NDT



### Faculty

**Suzanne Davis Bombria, PT, C/NDT** is an internationally recognized clinician, speaker & consultant. She is one of the investigators in the RCT project titled “Multi-modal intervention for children with cerebral palsy” and is versed in research. Currently residing in CT, Ms. Davis Bombria applies evidence-based practice with babies and children of all ages, specializing in intensive therapy as well as ongoing intervention. She enjoys teaching therapists around the world and is dedicated to providing insight into contemporary NDT. Ms. Davis Bombria is a Pediatric Coordinator-Instructor and Advanced Course Instructor for the NDTA (TM). Her passion for her work as a pediatric therapist, instructor and mother of a son with cerebral palsy, along with her easy presentation style, provide the theoretical and practical solutions all therapists can apply to their patient population.

#### DISCLOSURES

Suzanne Davis Bombria receives a honorarium from Education Resources. She has no relevant nonfinancial relationships to disclose.

### About this ON-DEMAND Course

Evaluate and treat gait in children using evidence-based practices. Analyze the components and motor synergies associated with gait, from the acquisition of gait and its underlying components to the challenge of changing gait in children with a well-established pattern. This course aims to equip clinicians with the knowledge and tools to examine, analyze and execute effective intervention to further the child’s functional level. A variety of diagnoses will be covered including CP, DCD and Autism. Course instruction will include lecture, lab, and video case studies.

### Learning Objectives

- Relate critical movement components to the development of pre-gait and gait skills.
- Differentiate the phases of gait, including the dynamic and mechanical elements of gait and how to measure clinically.
- Critique pre-gait and gait patterns of typical children.
- Examine key aspects of developmental biomechanics, kinesiology and alignment for the acquisition of standing and walking.
- Analyze gait patterns in children.
- Differentiate between variety of causes, including identification of strengths and impairments in Body Structure and Function
- Prioritize the components needed for development of a focused treatment plan designed to improve function in a given child
- Defend treatment ideas with evidence.
- Execute interventions designed to improve components of gait to participate in functional activities in the home and community.
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### Audience

This course is appropriate for Pediatric OTs, OTAs, PTs and PTAs working in home care, outpatient, rehab, LTC, SNF or school settings.

Help your patients achieve better outcomes.

## ON-DEMAND Schedule

*(9 Hours, 45 Minutes + 15 Minutes Post-Test)*

*10 Contact Hours | 1.0 CEU*

### 1 Hour, 30 Minutes

- Development of pre-gait and gait skills in typical children

### 1 Hour, 15 Minutes

- Phases of Gait
- Measurements of Gait
- Dynamic and Mechanical Elements of Gait
- Typical Pre-Gait and Gait – Videos
- Movement Experience: Walk-Through Pre-Gait and Gait Components and Skill Acquisition

### 1 Hour, 30 Minutes

- Developmental Biomechanics, Kinesiology and Alignment – Examination

### 3 Hours

- Gait Dysfunction: Classification and Underlying Causes: Lecture and Case Study Videos

## ON-DEMAND Schedule – (continued)

### 30 Minutes

- Treatment Guidelines Based on Research with Small Group Presentations

### 2 Hours

- Case Studies: Treatment Videos
- Execution of Effective Treatment Strategies

### 15 Minutes

- Post-Test

## More On-Demand Courses for Your Learning Convenience!

### **Pediatric Vestibular Therapy: Young Children Through Adolescents** – \$329

Instructor: Inger Brueckner MS, PT – 14 Contact Hours

### **Toe Walking: In-Depth Series – ON-DEMAND** – \$399

Instructor: Liesa M. Ritchie, PT, DPT, PCS, CKTP - 17 Contact Hours

### **Toe Walking: Evaluation and Treatment of Pediatric Equinus Gait – ON-DEMAND** – \$279 *part of Toe Walking: In-Depth Series ON-DEMAND* - 10 Contact Hours

### **Toe Walking: In-Depth Clinical Applications – ON-DEMAND** – \$229

*part of Toe Walking: In-Depth Series ON-DEMAND* - 7 Contact Hours

### **Ambulation, Activity and AFOs: Addressing the Ankle to Improve Gait and Function – On-Demand** – \$299

Instructor – Amanda Hall, PT, MPT, PCS – 11 Contact Hours

### **Primitive Reflexes: Strategies to Promote Integration – Strengthening Foundational Skills – Online Series** – \$299

Instructor: Janine Wiskind, MS, OTR/L, CBIS – 11 Contact Hours

### **Treatment of Motor Issues in Children with Sensory Dysfunction- Online Series** - \$299

Instructor: Liesa M. Ritchie-Persaud, PT, DPT, PCS, CKTP – 11.5 Contact Hours

## Credits

This course meets the criteria for 10 contact hours (1.0 CEUs) Intermediate Level.

Application has been made to the MD State Board of Physical Therapy Examiners.

Application has been made to the NJ State Board of Physical Therapy Examiners.

Approved sponsor by the State of IL Department of Financial and Professional Regulation for Physical Therapy for 12 contact hours.

Application has been made to the IL Early Intervention Training Program.

Approved provider by the NY State Board of Physical Therapy for 12 contact hours (1.2 CEUs).

Education Resources, Inc. is an approved provider for Physical Therapy CEUs in the following states: CA, OK and TX. The following state boards of physical therapy accept other states' approval: AK, AR, AZ, DC, DE, GA, HI, ID, IN, KS, KY, MA, MI, MO, MS, NC, OR, PA, RI, SC, UT, VA, VT, WI, WY.

The following state boards of physical therapy either do not require course pre-approval or do not require CEUs for re-licensure: AL, CO, CT, IA, ME, MT, NE, ND, NH, SD, WA.

10 hours of this course qualify towards the discipline-specific hours for the 20-hour requirement for NDTA re-certification. They do NOT qualify towards the 8-hour NDTA Instructor requirement for re-certification.

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