# Don't Wait for Gait! Therapeutic Evaluation and Treatment of Pediatric Gait



Liesa M. Ritchie-Persaud, DPT, PCS, PT, CKTP

# **Faculty**

Liesa M. Ritchie-Persaud, PT, DPT, PCS, is a licensed physical therapist with 33 years experience in the field of pediatric therapy. Liesa is the owner of "Know To Change," an organization dedicated to advancing the knowledge and skills of clinicians in pediatric practice. Both nationally and internationally, she has educated healthcare professionals in advanced treatment techniques, performed specialized practical training and provided consultative services. Liesa has worked in a variety of settings, including private pediatric clinics, schools, private homes, hospitals and long-term care facilities, as well as facilities overseas. Dr. Ritchie-Persaud is a Credentialed Clinical Instructor and also taught human anatomy, physiology. She received an Associate Degree in 1993 and worked as a Physical Therapist Assistant while earning her B.S. in Organizational Leadership from Southern Nazarene University in Tulsa, OK. Dr. Ritchie-Persaud earned her Master's in Physical Therapy from the University of Findlay in Findlay, OH in 2003. She received her post-graduate Doctorate from Rocky Mountain University of Health Professions in 2011 and is a Board Certified Specialist in Pediatric Physical Therapy. Liesa's passion for helping others extends into her private life. She has volunteered as a Call Rape Advocate and Salvation Army volunteer. Her passion for travel has led her to teach and treat in Australia, New Zealand, Turkey, the Arab Emirates and Mexico, plus organizing and participating in mission work in Mexico, Ukraine and Palestine. Liesa's wide range of clinical experience, organizational leadership, proficient teaching skills, motivation to improve the standard of care and enthusiasm and passion for her field make her an exciting and compelling instructor.

Disclosure: Financial: Liesa M. Ritchie-Persaud receives a speaking fee from Education Resources for this course. Non-Financial: She has no relevant nonfinancial relationships to disclose.

### **About this Live Webinar**

This course clearly explains the significant components of evaluation and treatment of pediatric gait, in a clinically relevant manner. Flaws of a "wait and see" approach will be discussed, while supporting proactive and preventive intervention with proposed methods for deliberate, realistic and effective intervention for pediatric gait. The increased prevalence of developmental delay will be considered, with proposed etiologies, assessment of pre-gait skill performance, related orthopedic consequences and the future effects of this diagnosis on postural control and ambulation.

Neuroplasticity, and the opportunities it provides for therapists, is explained.

Orthopedic development is presented as it concerns appropriate development of an adequate base of support and assessment of the pediatric lower quarter. In summary, participants will leave with skills and treatment tools to immediately put into practice.

# **Objectives**

- Explain the effects of delayed ambulation
- Describe the benefits of proactive and preventive intervention for pediatric gait
- Consider principles of neuroplasticity when considering intervention to increase mobility
- Apply a segmental approach to assessment of the pediatric lower quarter
- Utilize pediatric lower extremity and foot anatomy, and the principles of orthopedic development, as related to the development and performance of pediatric gait
- Implement appropriate treatment strategies for children with gait abnormalities

### **Audience**

This course is designed for Occupational Therapists, Occupational Therapy Assistants, Physical Therapists, Physical Therapist Assistants and Early Interventionists.



### Schedule - Day 1 4:40 pm - 10:30 pm EST (US)

4:40-5:00

Webinar Registration/Zoom Course Opens

5:00-10:30

- Foundational skills for movement
- Delayed ambulation and sensory motor performance, peer and social interaction, cognitive function and activity participation
- Developmental delay: etiology and consequences

**Break** 

(15 minutes)

- The developmental process of gait
- Ages and developmental stages
- The pre-gait process

# **Schedule – Day 2** 4:40 pm – 9:30 pm EST (US)

4:40-5:00

Webinar Registration/Zoom Course Opens

5:00-9:30

- Interventions effective in facilitating and improving pediatric gait:
  - Garment therapy
  - Orthotics
  - Therapeutic taping
  - Therapeutic activities

Break

(15 minutes)

- Orthopedic pediatric lower extremity foot anatomy and function
- The consequences of misalignment and associated dysfunction

### Schedule - Day 2 (cont'd)

- Manual assessment and relevance of findings to gait:
  - Hip rotation
  - Ryder's Test
  - Sacral angle
  - Thigh-foot angle
  - Relaxed calcaneal stance
  - Dorsiflexion
  - Inversion, inversion and subtalar neutral
  - Forefoot adductus

### **Schedule – Day 3** 5:40 pm – 9:00 pm EST (US)

5:40-6:00

Webinar Registration/Zoom Course Opens

6:00-9:00

**Group Work** 

To best maximize the learning experience, participants will identify a client (from either current or previous experience) for reference during guided small group discussion. The design of this activity will facilitate application of the developmental principles and assessments learned during the previous two days. Specific questions and resources will be provided on Day 2 to assist in preparation. The intent of the final day is not to cause extra work or stress! Rather, the purpose is to provide exposure to new interventions, and assist participants in planning appropriate problem-oriented interventions. For further assimilation of the presented information, Liesa will present case studies of her own to conclude the day's learning.



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### **Credits**

This course meets the criteria for 12.5 contact hours (1.25 CEUs) Intermediate Level.

Approved by the FL Physical Therapy Association for 12.5 continuing education contact hours. Approved by the MD Board of Physical Therapy Examiners. Approved by the MN Board of Physical Therapy. Approved by the NJ Board of Physical Therapy Examiners. Application has been made to the OH Physical Therapy Association.

Approved sponsor by the State of IL Department of Financial and Professional Regulation for Physical Therapy for 15 contact hours. Application has been made to Illinois EI Training Program. Approved provider by the NY State Board of Physical Therapy for 15 contact hours (1.5 CEUs).

Education Resources, Inc. is an approved provider for Physical Therapy CEUs in the following states: CA, KY, OK and TX.

The following state boards of physical therapy accept other states' approval: AK, AR, AZ, DC, DE, GA, HI, ID, IN, KS, 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.

12 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.

Please contact us with any special needs requests:  $\underline{info@educationresourcesinc.com} \mid 800-487-6530$ .

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### **WEBINAR DATES AND TIMES**

June 10, 12 and 17, 2024

June 10 & 12 | 4:40 pm EST • 3:40 pm CST • 2:40 pm MST • 1:40 pm PST (US) June 17 | 5:40 pm EST • 4:40 pm CST • 3:40 pm MST • 2:40 pm PST (US)

Registration is for all (3) sessions. Log-in instructions and course materials will be emailed/added to your ERI account 5-7 days prior to the webinar.



\$389 fee. LIMITED ENROLLMENT. Cancellation will be accepted until 14 days prior to the start date of the course, minus a \$75 Administration Fee. There will be NO REFUNDS after this 14-day deadline. Registration will be accepted after deadline on a space available basis. We encourage you to register online!

# LIVE WEBINAR: Don't Wait For Gait!/Liesa M. Ritchie-Persaud

☐ June 10, 12 and 17, 2024

#### **Course Registration Form**

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Cell Phone: Needed in the event of an emergency scheduling change	ge
Email:	
Please clearly print your email address for course conf	
Employer:	
Discipline:	Specialty:
Education Resources reserves the right to cancel a responsible for any expenses incurred by participal I have read your refund policy above and	
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