

# Treatment of Motor Issues in Children with Sensory Dysfunction

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

## Faculty

Liesa M. Ritchie-Persaud, PT, DPT, PCS, CKTP is physical therapist with 30 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. She has educated healthcare professionals in advanced treatment techniques, performed specialized practical training and provided consultative services. Liesa has worked in 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. She received her 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 degree 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 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

Gain practical "Sensory-Aware"\* tools to treat children with both underlying gross motor and sensory dysfunction. You will learn to utilize sensory-aware skills that are based in functional strengthening and coordination activities to maximize the effectiveness of your treatments. You will leave this course with the ability to improve children's postural control, foundational weakness, instability, incoordination, motor planning, and restricted mobility by utilizing sensory knowledge to improve functional outcomes and increase participation in school and at home. This course can be taken on its own or as the next step following Dr. Ritchie's toe-walking course.

## Objectives

- Describe interdependent dynamics of sensory systems as they relate to gross motor function.
- Assess and identify specific areas of sensory dysfunction in pediatric clients who are referred to physical therapy for gross motor challenges.
- Apply skilled clinical reasoning in sensorimotor therapeutic interventions.
- Develop sensory-based strategies to increase postural control, strength, coordination, motor planning, stability & mobility.
- Explain evidence-based rationale for chosen therapeutic techniques to improve caregiver, team, and administrative communication and understanding.

## Audience

Clinical Level: Intermediate physical and occupational therapists who work with children in school, at home, or in the clinic.

\*"Sensory Aware" techniques are evidence-based sensory techniques beyond common knowledge and are integrated with a motor learning frame of reference.

## Schedule – Day 1 10:00 am - 4:00 pm EST (US)

- 9:40-10:00** Webinar Registration/Zoom Course Opens
- 10:00-12:00** The significance of the vestibular, visual & proprioceptive systems to gross motor function:
- Vestibular functioning & muscle tone
  - Visual dysfunction & its effects on postural control
  - Proprioception & movement coordination
- 12:00-2:00** Sensory based physical challenges:
- Dyspraxia & Postural Disorder
  - Gait abnormalities
  - Common comorbidities
- 2:00-4:00** Assessment of vestibular, visual & proprioceptive performance:
- Post rotary nystagmus
  - Prone extension & supine flexion
  - Modified Clinical Test of Sensory Interaction in Balance
  - The Kaplan Non-Verbal Battery (test of vision)
  - Comprehensive Observations of Proprioception

*“Liesa's knowledge and experience in addressing more complex sensory and motor developmental issues shines through in her presentations. Her passion is contagious. The webinar was professionally run with seamless connection and engagement with participants.”*

## Schedule–Day 2 10:00 am - 4:00 pm EST (US)

- 9:40-10:00** Webinar Registration/Zoom Course Opens
- 10:00-12:00** Video Case analysis and Interactive discussion
- 12:00-1:00** Improved sensory function & subsequent gross motor ability:
- Foundational sensory competence
  - Development of sensorimotor function
- 1:00-2:30** Utilization of each sensory system to support motor skills in therapy sessions. Formulating and Implementing Treatment:
- Vestibular contributions during physical activity
  - Vision activities
  - Proprioception & motor development
  - Balance as a multi-system outcome
  - Video activity examples
- 2:30-4:00** Strategies to Increase Gross Motor Skill:
- Postural control & Coordination
  - Strength & Motor planning
  - Stability & Mobility

*Two 15-minute break will be added into each session.*

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## Credits

This course meets the criteria for 11 contact hours (1.1) CEUs, Intermediate Level.



Education Resources Inc. is an AOTA Approved Provider of professional development. Provider #3043. This Distance Learning-Interactive course is offered at 11 contact hours 1.1 CEUs. (Intermediate level, OT service delivery). AOTA does not endorse specific course content, products or clinical procedures.

This course can be used toward your NBCOT renewal requirements for 11 units.

Approved Provider for the **FL** Occupational Therapy Association CE Broker for 13 CE Hours, #20-816284.

Most Physical Therapy State Boards accept webinars as a live offering. Please check with your state board to confirm.

Approved by the **FL** Physical Therapy Association for 13 continuing education contact hours.

This course meets the basic criteria of the **MD** Board of Physical Therapy Examiners for 1.1 CEUs.

Approved by the MN Board of Physical Therapy.

Approved by the NJ Board of Physical Therapy Examiners.

Application has been made to the OK Board of Medical Licensure and Supervision for Physical Therapy.

Approved sponsor by the State of IL Department of Financial and Professional Regulation for Physical Therapy for 13 contact hours.

Application has been made to Illinois EI Training Program.

Approved provider by the NY State Board of Physical Therapy for 13.2 contact hours (1.32 CEUs).

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

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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, MA, ME, MT, NE, ND, NH, SD, WA.

11 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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## Webinar Dates and Times

November 2 and 3, 2022

9:40 am EST • 8:40 am CST • 7:40 am MST • 6:40 am PST

Registration is for all sessions. Zoom log-in instructions and course materials will be emailed/added to your ERI account 5-7 days prior to the first date of the Webinar.



\$369 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. We encourage you to register online!

**Treatment of Motor Issues in Children with Sensory Dysfunction with Liesa M. Ritchie-Persaud - Live Webinar  
November 2 and 3, 2022**

**Course Registration Form**

Name: \_\_\_\_\_

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Needed in the event of an emergency scheduling change

Email: \_\_\_\_\_

Please clearly print your email address for course confirmation

Employer: \_\_\_\_\_

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How did you learn of this course? \_\_\_\_\_

Education Resources reserves the right to cancel any course due to insufficient registration or extenuating circumstances. We are not responsible for any expenses incurred by participants if the course must be cancelled.

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