

# Treatment of Motor Issues in Children with Sensory Dysfunction

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

## Faculty

Liesa M. Ritchie-Persaud, PT, DPT, PCS, CKTP is a licensed physical therapist with 30 years' experience in the field of adult and pediatric therapy. Dr. Ritchie-Persaud is a practicing physical therapist at Tulsa Sunshine Center in Oklahoma. Additionally, she is owner of Know to Change, and has educated health care professionals, both nationally and internationally, in advanced treatment techniques, specialized practical training and consultative services. Dr. Ritchie-Persaud is a Credentialed Clinical Instructor and taught human anatomy, physiology, and nutrition at Tulsa Community College. She received her post-graduate Doctorate from Rocky Mountain University of Health Professions and is a Board-Certified Specialist in Pediatric Physical Therapy. In 2007, Dr. Ritchie-Persaud served as Treasurer for the Oklahoma Physical Therapy Association and has been a member of the Oklahoma Foundation for Physical Therapy since 2004. Her wide range of clinical experience, organizational leadership, and proficient teaching skills make her an exciting and compelling instructor.

Disclosure: Financial: Liesa 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-Persaud'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 9:40 am 5:45 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

**12:00-12:30** **Lunch**

**12:30-2:30** Sensory based physical challenges:

- Dyspraxia
- Postural Disorder
- Gait abnormalities
- Common comorbidities

**2:30-2:45** **Break**

**2:45-5:45** 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
- Direct measurements of proprioception & clinical procedure

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

**9:40-10:00** Webinar Registration/Zoom Course Opens

**10:00-11:30** Improved sensory function & subsequent gross motor ability:

- Foundational sensory competence
- Development of sensorimotor function

**11:30-12:00** **Lunch**

**12:00-2:30** 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

Strategies to Increase Gross Motor Skill:

- Postural control & Coordination
- Strength & Motor planning
- Stability & Mobility

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## Credits

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



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NBCOT professional development provider – 11 PDU.

Approved provider of the FL Board of Occupational Therapy-CE Broker 13 hours. This course meets the approval of the TX Board of OT Examiners.

Most Physical Therapy State Boards accept webinars as a live offering. Please check with your state board to confirm. Approved by the NJ Board of Physical Therapy Examiners. Approved by the FL Physical Therapy Association for 13 continuing education contact hours. Approved by the KY, MD, OK Boards of Physical Therapy. Approved provider by the NY State Board of Physical Therapy for 13.2 contact hours (1.32 CEUs). 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 the IL EI Training Program.

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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 12 and 19, 2021**

**9:40am EST • 8:40am CST • 7:40am MST • 6:40am 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 Ritchie-Persaud - Live Webinar  
November 12 and 19, 2021**

**Course Registration Form**

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