

Treatment of Motor Issues in Children with Sensory Dysfunction

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

Faculty

Liesa M. Ritchie (formerly 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 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 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 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 5:40 pm - 10:15 pm EST (US)

- 5:40-6:00** Webinar Registration/Zoom Course Opens
- 6:00-8:00** 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
- 8:00-8:15** Break
- 8:15-10:15** Sensory based physical challenges:
- Dyspraxia & Postural Disorder
 - Gait abnormalities
 - Common comorbidities

Schedule – Day 2 5:40 pm - 9:45* pm EST (US)

- 5:40-6:00** Webinar Registration/Zoom Course Opens
- 6:00-9:45** 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

Schedule – Day 2 (continued)

- Direct measurements of proprioception & clinical procedure
- Video Case Analysis & Interactive Group Discussion

** A 15-minute break will be added into this session.*

Schedule – Day 3 5:40 pm - 9:45* pm EST (US)

- 5:40-6:00** Webinar Registration/Zoom Course Opens
- 6:00-7:00** Improved sensory function & subsequent gross motor ability:
- Foundational sensory competence
 - Development of sensorimotor function
- 7:00-8:30** 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
- 8:30-9:45** Strategies to Increase Gross Motor Skill:
- Postural control & Coordination
 - Strength & Motor planning
 - Stability & Mobility

** A 15-minute break will be added into this 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 webinar is offered at 11 contact hours 1.1 CEUs. (Intermediate, 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.

Application has been made to 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 CEU's. Application has been made to 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.

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.

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

February 16, 23 and March 2, 2022

5:40 pm EST • 4:40 pm CST • 3:40 pm MST • 2:40 pm 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 - Live Webinar
February 16, 23 and March 2, 2022**

Course Registration Form

Name: _____

Address: _____

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Needed in the event of an emergency scheduling change

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Employer: _____

Discipline: _____ Specialty: _____

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.

I have read your refund policy above and understand.

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