



Easterseals DuPage & Fox Valley

Presents...

Treatment of Motor Issues in Children with Sensory Dysfunction

Presented by

**Liesa M. Ritchie (Persaud), PT,DPT,
PCS**

Date & Location:

**Friday, December 3rd, 2021
through
Saturday, December 4th, 2021
Hosted By:**

**Easterseals DuPage &
Fox Valley**

**Format:
Live Webinar***

CONFERENCE DESCRIPTION:

Children with sensory dysfunction are frequently referred to physical therapy with family concerns of poor coordination, weakness, hypo/hypertonia, impaired balance and difficulty with motor skills. They are often labeled as awkward, lazy or clumsy, and have difficulty physically keeping up with their peers, or performing basic tasks such as running, jumping, & stairs. Therapists are aware that the difficulty with these skills is related to sensory dysfunction, but the sensory-based element of movement is an area that often eludes physical therapists, resulting in frustrating interactions and inferior outcomes. However, synthesizing gross motor function with a sensory system foundation can improve outcomes for this population. This course provides practical insight into therapeutic interaction with children with both sensory system & gross motor dysfunction. Intervention strategies are provided, with the purpose of utilizing the sensory systems to effect change in gross motor performance. This course does NOT aim to teach sensory processing integration therapy. Rather, it proposes how various essential components of "sensory-aware" intervention may be combined to facilitate purposeful effective results in the context of physical therapy treatment sessions.

The practical application of didactic information by way of simple techniques address the following obstacles to efficient gross motor performance:

- Sensory dysfunction
- Insufficient postural control
- Foundational weakness
- Instability & related poor mobility & incoordination
- Poor motor planning

TARGET AUDIENCE:

This course will be of interest to Physical Therapists, Occupational Therapists.

About the Instructors:

Liesa M. Ritchie, PT, DPT, PCS, is a licensed physical therapist with 30 years experience in the field of adult and pediatric therapy. Dr. Ritchie is a consulting physical therapist at Tulsa Sunshine Center in Oklahoma. Additionally, Liesa 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. She has worked in a variety of settings, including private pediatric and adult clinics, schools, private homes, hospitals and long-term care facilities. Dr. Ritchie is a Credentialed Clinical Instructor and also taught human anatomy, physiology and nutrition at Tulsa Community College. She received her Associate's Degree in 1993 from Tulsa Junior College and worked as a physical therapist assistant while completing her Bachelor of Science Degree in Organizational Leadership from Southern Nazarene University in Tulsa, Oklahoma. Dr. Ritchie earned her Master's Degree in Physical Therapy from the University of Findlay in Findlay, Ohio in 2003 and continued to expand her expertise in the field. 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 served as Treasurer for the Oklahoma Physical Therapy Association and has been a member of the Oklahoma Foundation for Physical Therapy since 2004. 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 & treat overseas in Australia, New Zealand, Turkey, the Arab Emirates & Mexico, in addition to organizing & participating in mission work in Mexico, Ukraine & Palestine. Liesa's wide range of clinical experience, organizational leadership, and proficient teaching skills make her an exciting and compelling instructor.



CONTACT INFO:

Phone: 630-621-6191

Email: ce@EasterSealsDFVR.org

www.eastersealsdfvr.org/continuingeducation

Course Schedule: 11 Contact Hours

DAY 1

(8:00am - 2:30pm)

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

Sensory based physical challenges

- Dyspraxia & Postural Disorder
 - Gait abnormalities
 - Common comorbidities

10:00 – 10:15am: Morning Break

12:00 - 12:45pm: LUNCH

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

DAY 2:

(8:00am - 2:30pm)

Video case analysis Improved sensory function & subsequent gross motor ability

- Foundational sensory competence
- Development of sensorimotor function

9:30 – 9:45am: Morning Break

11:00 - 11:45am: LUNCH

Utilization of each sensory system to support motor skills in therapy sessions. Formulating & 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

COURSE OBJECTIVES

At the conclusion of this course, the participant will be able to:

1. Describe interdependent dynamics of sensory systems as they relate to gross motor function.
2. Identify specific areas of sensory dysfunction in children referred to physical therapy for gross motor challenges.
3. Learn how to apply skilled clinical reasoning in sensorimotor therapeutic interventions.
4. Develop sensory-based strategies to increase postural control, strength, coordination, motor planning, stability & mobility.
5. Explain evidence based rationale for chosen therapeutic techniques to improve caregiver, team and administrative communication & understanding.



Continuing Education Credits

Continuing education credits for *O.T./P.T* will be offered through the Illinois Department of Professional Regulation.

Early Intervention credits have been requested for 11 contact hours.

All participants will receive a course completion certificate upon successful completion of the conference. No certificates will be awarded until course completion is verified on the final date of the conference.

Occupational

Therapy:

This Intermediate Level course is offered with AOTA Classification Codes: Categories 1 Domain of OT & 2 Occupational Therapy Processes.



REGISTRATION FORM

Please complete this form and mail with payment to:

Easterseals DuPage & Fox Valley
Continuing Education Department
830 South Addison Avenue
Villa Park, IL 60181
FAX: 630.620.1148

Live Webinar*

Registration Fee: \$330

Early Registration Fee: \$315 on or before 11/12/21

Name: _____
(This is how your name will be printed on the course completion certificate.)

Title/Position: _____

E-mail: _____

Organization: _____

Org. address: _____

City: _____

State: _____ Zip: _____

Business Phone: _____

For credit card payment, please complete:

Type (please circle): **Visa, MasterCard, AmEx, Discover**

Credit Card #: _____

Expiration Date: _____ CVV: _____

Billing address: _____

City: _____

State: _____ Zip: _____

Home/Cell phone: _____

Space is limited— early registration is encouraged. Registration deadline: November 26th, 2021.

Cancellations must be in writing and will incur a \$50 processing fee. No refunds granted after November 26th, 2021. If Easter Seals or speaker should need to cancel, course fees will be refunded or transferred to another course at the discretion of the participant.

Sensory 12.21