# The Clumsy Child: Improving Coordination and Awareness of Self in Space



Leslie Paparsenos, PT, MS, C/NDT

## **Faculty**

Leslie Paparsenos, PT, MS, C/NDT is an independent, pediatric therapy provider, licensed Physiotherapist in Australia, and licensed Physical Therapist in the United States of America. She specializes in evidenced based, pediatric rehabilitation, serving babies, children and adolescents across a spectrum of neurological and developmental disabilities, and their families. Leslie is a certified Pediatric NDTATM (USA) Instructor, certified in NeuroDevelopmental Treatment (NDTATM (USA), and a certified clinical instructor by the APTA (USA). She has been teaching both internationally and nationally since 2007.

Disclosures: Financial: Leslie Paparsenos receives an honorarium from Education Resources, Inc.

Non-Financial: Leslie Paparsenos has no relevant non-financial relationships to disclose.

#### **About this Live Webinar**

Participation and function for the "clumsy" child is impacted by the child's awareness of self in space (relationship between self and environment) combined with poor postural control. Incorporate evidence-based principles of neuroplasticity and motor learning and design treatment sessions that improve prediction for movement strategies enhancing cerebellar neuroplasticity. These strategies can be used in the home, school or community for children from 3-21 and the course explores rationales and the decision-making process for pullout sessions vs inclusion activities. Improved skills are developed though movement experiences, both successful and erroneous and will lead to better functional skills.

#### **Objectives**

- Prioritize impairments that impact functional activities using the NDTA™ Practice Model.
- Choose an evaluation tool based on functional impairments reported by the child and/or family.
- Identify an etiology of DCD
- Choose an evidence-based neuroplasticity, motor learning or motor control intervention to support IEP goals
- Select an appropriate treatment strategy for a child with minimal clumsiness.
- Apply an appropriate treatment strategy for a child with heightened clumsiness.
- Utilize evidence-based treatment strategies (related to sensation, functional/occupational movement, upright postural control, and perception) to increase coordination of movement thus increasing functional participation.
- Organize a treatment session using the provided case study.

#### **Audience**

This course is relevant for PTs, PTAs, OTs and COTAs.



#### **Schedule – Day 1** 5:40 pm - 10:00 pm EST (US)

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

**6:00-9:00** Applying the NDTA™ Practice model to best practices for the treatment of the clumsy child.

 Examine the evidence related to the etiology of the clumsy child, neuroplasticity, motor learning and motor control and explore how this impacts functional participation to inform the IEP process.

9:00-10:00 Evaluation Tools

- Categorizing and prioritizing standardized assessments
  - Movement Assessment Battery for Children
  - Peabody Developmental Motor Scales
  - Bruininks-Oseretsky Test of Motor
     Proficiency and Sensory Profile
- Impairment identification within the context of functional activities in the home, school and community
- CASE STUDIES

#### **Schedule – Day 2** 5:40 pm - 10:00 pm EST (US)

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

**6:00-6:45** Evaluation tools: continued

**6:45-8:15** Goal Setting

- SMART vs. GAS goals
- Bridging the gap between school and home

**8:15-10:00** Treatment strategies related to upright postural control, movement and perception for the child

with heightened clumsiness

#### Day 2 - continued

- Isometric during functional activities
- Incorporating vision to guide movement
- Encouraging variety and variability for cerebellar mapping to improve perception and prediction

#### Schedule - Day 3 5:40 pm - 10:00 pm EST (US)

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

6:00-7:30 Treatment strategies related to upright postural control, movement and perception for the child who has minimal clumsiness

- Use of movable surfaces for cross midline activities
- Activities encouraging selective isolated control of and within limbs.

**7:30-8:30** Adjuncts and higher-level treatment strategies for higher level children

- Adjuncts such as taping, vibration, movable surfaces to enhance handling skills
- Linking breath with movement to encoursage energy efficient functional movements; task analysis for daily living skills

8:30-10:00 CASE STUDIES: Small group problem solving - impairment identification, goal writing and treatment planning to address needs and improve meaningful participation.



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#### **Credits**

This course meets the criteria for 12 contact hours (1.2) CEUs, Intermediate Level.



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This course can be used toward your NBCOT renewal requirements for 12 units.

Approved provider of the FL Board of Occupational Therapy-CE Broker – 14 hrs. This course meets the approval of the TX Board of OT Examiners.

Approved by the FL Physical Therapy Association for 14 continuing education contact hours.

Application has been made to the MD Board of Physical Therapy Examiners. Application has been made to the MN Board of Physical Therapy. Approved by the NJ Board of Physical Therapy Examiners.

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12 hours of this course qualify towards the discipline-specific hours for the 20-hour requirement for NDTA re-certification or towards the 8-hour NDTA Instructor requirement for re-certification.

Education Resources Inc., 266 Main St, Medfield, MA 02052. Please contact us with any special needs requests: info@educationresourcesinc.com | 800-487-6530.

#### **Webinar Dates and Times**

February 5, 6 and 8, 2024

5:40 pm EST • 4:40 pm CST • 3:40 pm MST • 2:40 pm PST (US)

Registration is for all three 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.



\$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. We encourage you to register online!

# LIVE WEBINAR: The Clumsy Child: Improving Coordination and Awareness of Self in Space - Leslie Paparsenos

☐ February 5, 6 and 8, 2024

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