

Handling Interventions: Using NDT to Increase Function and Participation in Children

Bethanne Mazurczak, MS, CCC-SLP, C/NDT

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Faculty

Bethanne N. Mazurczak, MS, CCC-SLP, C/NDT has been a practicing clinician since 1990, specializing in the pediatric rehabilitation of infants, children and adolescents. Bethanne has a wide range of experience in working with children of all ages with neurological and developmental disabilities. She is certified in Neuro-Developmental Treatment, SOS Feeding and is currently completing the process as an NDT Candidate Instructor for the NDTA. Bethanne continues to serve the pediatric population with oral- motor/feeding and swallowing as well as communication disorders through her practice as a Speech Pathologist and is a Clinical Assistant Professor in the Department of Communication Sciences and Disorders at the University of Wisconsin – Milwaukee.

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.

About this Course

Children with cerebral palsy and other neuromuscular disorders seeking improved outcomes rely on providers with accurate assessment skills, sound clinical decision-making and precisely designed interventions. Through instruction, demonstration and hands-on lab work, participants will be able to select intervention strategies, including handling techniques, that facilitate children's participation in meaningful daily activities. The Neuro-Developmental Treatment Practice Model will serve as the framework for evaluation and clinical decision making to guide precise treatments for feeding, communication, mobility, ADLs and motor outcomes. As participants complete task analyses of video scenarios, they will be able to design interventions that are functional and goal-directed for the child. During lab work, participants will develop and improve clinical handling skills that impact posture, alignment and movement. Subsequent changes in oral, pharyngeal and respiratory function, along with changes in movement lead to improved participation and functional outcomes for the child. Participants will be able to implement newly learned skills the next day!

Objectives

At the completion of this course participants will be able to:

1. Apply basic NDT facilitation/handling techniques to impact function and participation in children.
2. Demonstrate the NDT concepts of facilitation/handling and key points of control as it relates to feeding, communication, ADLs, gross and fine motor skills.
3. Apply the ICF model when assessing a video patient/ treatment demonstration.
4. Select a handling technique to address decreased sustaining postural muscle activation.
5. Choose an evidence informed intervention strategy to address poor head control.
6. Determine a handling technique to facilitate improved functional mobility and/or participation in the home.
7. Modify a treatment plan to address increased tone in a child with cerebral palsy.
8. Select an appropriate assessment tool to evaluate a child's ability to participate in functional activities.

Help your patients achieve better outcomes.

Schedule – Day 1 8:15 am - 6:00 pm EST (US)

8:00-8:15	Registration, Welcome and Introductions
8:15-8:30	Round Table Discussion: Clarifying terms and definitions
8:30-9:45	The Essence of the NDT Practice Model -How to use it!
9:45-10:00	Break
10:00–11:00	LAB 1: Video Assessment OR Treatment Demonstration*
11:00-12:00	LAB 2: Facilitation Techniques 1 - Handling, sensory impact of handling, handling for bed mobility
12:00-1:00	Lunch (on your own)
1:00-1:15	Round Table Discussion: Pulling it all together
1:15-2:30	Therapeutic Principles for Posture and Movement Muscles
2:30-2:45	Break
2:45-4:45	LAB 3: Facilitation Techniques 2 <ul style="list-style-type: none"> • Head control, upright postural control, breathing for communication and feeding, and oral motor control.
4:45-6:00	LAB 4: Facilitation Techniques 3 <ul style="list-style-type: none"> • Prone to prop, prone prop to sitting, prone prop to quadruped, sit to stand

Audience

This course is intended for OTs, COTAs, PTs, PTAs, SLPs with no background knowledge of NDT who work with Pediatric, Birth-Three, Early Intervention and School (ages 3-21) populations.

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Schedule – Day 2 8:00 am - 4:00 pm EST (US)

7:45-8:00	Registration
8:00-8:30	Round table discussion: Problem-solving road blocks
8:30-9:45	LAB 5: Video Assessment 2 and Problem Solving OR Treatment Demonstration
9:45-10:00	Break
10:00-1:00	Treatment Principals for Children with Cerebral Palsy <ul style="list-style-type: none"> • Treatment related to motor planning, alignment, base of support balance and coordination.
1:00-2:00	Lunch (on your own)
2:00-4:00	LAB 6: Video Assessment 2 and Problem Solving OR Treatment Demonstration *
1:00-2:00	Lunch (on your own)
2:00-4:00	LAB 6: Small Group Problem Solving <ul style="list-style-type: none"> • Putting it all together with video patients and group presentations
4:00	Adjourn

Disclosures

Financial: Bethanne Mazurczak has a financial relationship with the University of Wisconsin-Milwaukee (employment) and receives an Honorarium from Education Resources, Inc.
Non-Financial: Bethanne Mazurczak has no relevant non-financial relationships to disclose.

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

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

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Credits

This course meets the criteria for 15 contact hours (1.5) CEUs, Intermediate Level.



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Approved provider of the FL Board of Occupational Therapy-CE Broker – 18 hours. This course meets the approval of the TX Board of OT Examiners.

Approved by the MD Board of Physical Therapy Examiners. Approved by the MN Board of Physical Therapy. Approved by the NJ Board of Physical Therapy Examiners. Approved sponsor by the State of IL Department of Financial and Professional Regulation for Physical Therapy for 18 contact hours. Application has been made to the Illinois EI Training Program. Approved provider by the NY State Board of Physical Therapy for 18 contact hours (1.8 CEUs).

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12 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. This course meets the criteria for 15 hours that can be applied toward the Neonatal Therapy National Certification.

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

Webinar Dates and Times

May 3 and 4, 2025

May 3, 2025: 8:15 am - 6:00 pm (CST) Registration 8:00 - 8:15 am

May 4, 2025: 8:00 am - 4:00 pm (CST) Registration 7:45 - 8:00 am

Registration is for both sessions. Course materials will be emailed/added to your ERI account 5-7 days prior to the first date of the course.



\$450 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!

IN PERSON: Handling Interventions: Using NDT to Increase Function and Participation in Children - Mazurczak and Paparsenos

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