

# Serial Casting for the Upper & Lower Extremities: A Transdisciplinary Approach to Mobility

## Pediatric OTs and PTs

Join the UCP LeafBridge team for a day of hands on learning with 90% of the course dedicated to LAB!

*Monday, December 19th 8am-4pm*

**\*\*Pending approval for 7 CEUs through the OPTA and AOTA \*\***



### COURSE DESCRIPTION

This course provides an overview of the process for the assessment of children with range of motion restrictions that impede gait with an assistive device. The focus is a transdisciplinary approach from the perspectives of occupational and physical therapies. Participants will participate in multiple lab sessions to gain an improved understanding of the need for a holistic approach for gaining range of motion through serial casting to improve mobility. Upon completion of this course, participants will have hands on experience with serial casting for single plane foot, ankle, and wrist deformities. The target audience includes PTs, PTAs, OTs, and COTAs. The facilitators will discuss the different roles of evaluating occupational and physical therapists in comparison to Physical Therapist Assistants and Certified Occupational Therapy Assistants. This is an introductory course.

### COURSE OBJECTIVES

- ⇒ Identify functional anatomy relevant to serial casting
- ⇒ Demonstrate standardized range of motion assessment of the ankle or wrist
- ⇒ Distinguish key features of transdisciplinary assessment and intervention
- ⇒ Explain rationale for patient selection for serial casting (focus: GMFCS III-V)
- ⇒ Demonstrate a minimum of beginner skill level in cast application techniques for the wrist, elbow, OR ankle.



#### Course Location:

UCP of Greater Cleveland  
LeafBridge Therapy Services  
10011 Euclid Avenue  
Cleveland, Ohio 44106  
Contact: Donna Woods  
(216) 791-8363 ext. 1250



## **Course Agenda**

7:45 - 8:15 am:	Registration (coffee, tea, and pastry)
8:15 - 9:15 am:	LAB: Functional anatomy (choose track: Upper or Lower Extremity)
9:15 - 9:45 am:	LAB: Standardized Range of Motion Assessment (choose track: Upper or Lower Extremity)
9:45 - 10:00 am:	Break
10:00 - 10:30 am:	LAB: Transdisciplinary Assessment: Range of motion for assisted mobility
10:30 - 11:15 am:	LAB: Transdisciplinary Assessment: Impact of Deformities on mobility
11:15 - 11:30 am:	Patient Selection for Serial Casting; Treatment Planning; Goals
11:30 - 12:00 noon:	LUNCH BREAK (Provided)
12:00 - 1:00 pm:	DEMONSTRATION: Serial Casting with child participants
1:00 - 3:30 pm:	LAB: Serial Casting (choose track: Upper or Lower Extremity)
3:30 - 4:00 pm:	Questions, Risks and Benefits, Documentation, Billing
4:00 pm:	Course evaluation and Dismissal

**Dress for comfort.  
Wear or bring  
shorts and short  
sleeve top.**

## **Course Facilitators**

**Laurene Sweet, PT, ATP, MEd, DPT** is a Doctor of Physical Therapy and RESNA certified Assistive Technology Professional with 23 years of experience in outpatient clinics, schools, hospitals, autism specialty programs, and functional skills programs. Laurene is the Manager of Specialized Services in the pediatric department at LeafBridge at United Cerebral Palsy of Greater Cleveland. Specialized services include an alternative school program, serial casting, assistive technology assessments, and Independent Educational Evaluations. Laurene earned a BS in Physical Therapy from The Ohio State University in 1993. In 2007, she completed a Master's degree in Special Education (University of Louisville) with concentrations in Autism and Assistive Technology as well as advanced coursework in Functional Behavior Assessment. Laurene finished her Doctor of Physical Therapy degree in 2014 through the University of St. Augustine. Laurene has extensive training in interventions for children with complex learning needs, behavior challenges, and Cortical Visual Impairment (CVI.) She has a special interest in foot deformities and serial casting as she developed a serial casting clinic in 2008 at LeafBridge in Cleveland. In 2014, Laurene served as the lead author for a case report entitled *Serial Casting for Neuromuscular Flatfoot and Vertical Talus in an Adolescent With Hereditary Spastic Paraplegia* which was published in the Pediatric Physical Therapy Journal.

**Amanda Stohrer, MS, OTR/L** is an Occupational Therapist with extensive experience in providing care for children with complex disabilities. In 2011, Amanda expanded the LeafBridge serial casting clinic to provide conservative care for upper extremity contractures with a focus on functional mobility. Amanda serves as the Occupational Therapy Manager for the pediatric department at LeafBridge at United Cerebral Palsy (UCP) of Greater Cleveland. As manager, Amanda coordinates occupational therapy programming for school-based services, outpatient therapies, fieldwork experiences, a functional skills program, upper extremity serial casting, and the LeafBridge Steps to Independence program for intensive intervention. Amanda is highly skilled with transdisciplinary assessment for seating and mobility in collaboration with the assistive technology team at LeafBridge. Amanda earned a BS in Interdisciplinary Health Sciences in 2008 and then a Master's degree in Occupational Therapy in 2009 through Western Michigan University. Amanda has significant training in sensory integration, NDT, functional electrical stimulation, orthopedics, interventions for children with complex learning needs, and Cortical Visual Impairment (CVI.) As an adjunct faculty member for the COTA program at Cuyahoga Community College, Amanda facilitates the lab and lecture series for the course entitled "Techniques in Developmental Disability."

**Early Registration Date:** Received/Paid by December 1st (\$275)

**Final Registration Date:** Received/Paid by December 9th (\$300)

\*Register by phone or mail form to same address as the course location listed above.

Name:\_\_\_\_\_ Phone:\_\_\_\_\_

Address:\_\_\_\_\_ Email:\_\_\_\_\_

Discipline: OT PT (PTAs and COTAs- call for consideration)

Previous Casting Experience (not required): \_\_\_\_\_

Please indicate any needed accommodations needed to participate in labs/lecture or speak with course facilitators prior to the start of the course: \_\_\_\_\_

Lunch Selection: Turkey Smoked Ham Chicken Mediterranean Mediterranean (Hummus/No Meat)

Check Payable to: UCP of Greater Cleveland

Visa/Master Card Charge acct #: \_\_\_\_\_ Exp. Date \_\_\_\_\_ CVV:\_\_\_\_\_

Signature \_\_\_\_\_

\* Cancellations: \$50 retained to cover processing costs. No refunds 14 days prior to course date.

Non-refundable tuition may be applied to an alternate participant (OT or PT).

If the activity is cancelled by the Provider, all learners will be contacted via e-mail and phone as soon as possible. A full refund will be provided if the activity is cancelled by the Provider.

**\*\*Register Early – Space is Limited\*\***