

# Infants with Cardiopulmonary Compromise: Bridging the Gap from Hospital to Home

Holly Schifsky, OTR/L, CNT, NTMTC, CBIS



## Faculty

Holly Schifsky has worked in pediatrics for 24 yrs., with 16 yrs. in a level 4 NICU. She is a Certified Neonatal Therapist, Certified Neonatal Touch and Massage Therapist, Certified Brain Injury Therapist, a member of National Association of Neonatal Therapists, and has completed 6-month mentorship in infant/child NDT. She has worked within the NICU and NICU follow-up clinic to maximize patient and family outcomes for the most complex premature and medically-fragile term infants. Holly received her BS OT from the University of North Dakota. She is a faculty member for the Neonatal Touch and Massage certification. She received the National Association of Neonatal Therapists Clinical Excellence award in 2018 for her clinical expertise and dedication to advancing the therapeutic interventions for NICU infants with cardiopulmonary conditions.

Disclosure - Financial: Holly Schifsky receives an honorarium. Non-Financial: She has no non-financial relationships to disclose.

## Course Requirements

In order to maximize the learning experience during lab time, each participant needs to bring a soft body doll. The ideal size would be 10-15", but any soft body doll will work.

## About this On-Demand, Online Course

This intermediate-advanced course will focus on the cardiopulmonary implications for the premature or medically fragile infant as related to their transition from inpatient hospitalization (NICU, PICU) to an outpatient rehabilitation level of care. The course will focus on congenital cardiac conditions, medical/surgical management, and outpatient rehabilitation interventions to maximize the infants developmental and feeding skills. Discussion regarding primary heart repair and staged palliative surgical interventions with treatment considerations for each care plan. Clinical assessment and treatment skills will be presented that will assess the infant's physiological stability, evolving motor control, sensory stability, and transition to oral motor skills that support feeding. This outpatient-focused course will advance the critical reasoning skills of the pediatric therapist to support the infant's ability to obtain foundational motor and sensory skills. These skills include the ability of the infant to cough, produce audible phonation, oral motor skills, swallow skills, trunk facilitation, gestational age-appropriate positioning/handling to support the emergence of gross motor skills for postural stability. Learn movement analysis skills (via lab time and video presentations) to assess breathing patterns, facilitation techniques to support trunk development, positioning strategies to support maximal cardiac perfusion, and feeding techniques to optimize weight gain with energy conservation considerations. We will discuss current literature as relevant to this topic and apply a systems theory approach for case study treatment planning.

## Objectives

- Compare and contrast the anatomical and kinesiological developmental changes for the newborn chest wall as related to infants born with and without congenital heart defects
- Choose at least three influences of prematurity and cardiopulmonary co-morbidities on chest wall development and efficacy of movement development
- Identify the different classifications of congenital heart defects in infants
- Analyze the effects of surgical heart interventions on gross motor movement, trunk development, swallow, and feeding as related to infant development
- Incorporate postural support with positioning and handling of infants for improved chest wall mobility post heart repair during feeding and gross motor movement using the provided case study.
- Integrate a systems approach to an individualized care plan for the infant with cardiopulmonary compromise

## Audience

This course is recommended for intermediate to advanced Early Intervention and outpatient pediatric or neonatal therapists (PTs, PTAs, OTs, OTAs, and SLPs), working with infants that have congenital cardiac defects.

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Course Faculty: Susan Cecere, Kim Wiggins, Kimberly Wynarczyk, Suzanne Davis Bombria, Liliane Savard, Colleen Whiting, Angela Sterling-Orth

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Liesa Ritchie-Persaud PT, DPT, PCS, CKTP

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Christina Finn Ed.D, OTR

This dynamic series will help clinicians apply the latest research on diagnosis and management of concussion and post concussion syndrome. Clinicians will learn effective treatment strategies to improve visual skills, balance and sensory integration for optimal return to school, work, and sports.

## Credits

This course meets the criteria for 6.5 contact hours (0.65 CEUs) Intermediate Level.



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Intermediate Level  
0.65 ASHA CEUs

Continuing Education Hours for disciplines not listed below: 6.5 contact hours (0.65 CEUs).  
Intermediate level

This course can be used toward your NBCOT renewal requirements for 6.5 units. Provider for the FL Occupational Therapy Association CE Broker for 7.5 CE Hours - approval # 20-858927.

ASHA CEUs are awarded by the ASHA CE Registry upon receipt of the CEU Participant Form from the ASHA. Approved CE Provider for up to 0.65 CEU's. ASHA CE Provider approval and use of the Brand Block does not imply endorsement of course content, specific products, or clinical procedures.

Course meets the basic criteria of the **MD** Board of Physical Therapy Examiners for 0.65 CEU's, 6.5 contact hours. Approval # 2209-04 by the **NJ** State Board of Physical Therapy Examiners for 6.5 CEC's.

Approved sponsor by the State of **IL** Department of Financial and Professional Regulation for Physical Therapy for 7.5 contact hours. The **Illinois** Early Intervention Training Program has approved this event for 5.25 hours of EI credential credit in the area of Intervention. Approved provider by the **NY** State Board of Physical Therapy for 7.8 contact hours (0.78 CEUs).

Education Resources is an approved agency by the PT Board of **CA** for 6.5 contact hours.

Approved by the APTA **Kentucky**, A Chapter of the American Physical Therapy Association, for 6.5 Category 1 contact hour(s). Expiration Date: 3/6/23, approval #CS64-2010-KPTA. This activity is provided by the **TX** Board of PT Examiners accredited provider #2210017TX for 6.5 CCUs and meets continuing competence requirements for PTs and PTAs licensure renewal in **TX**. Approved Provider for **OK** State Board of Medical Licensure & Supervision #BAP202310003 for 6.5 hours, 0.65 CEUs.

This course meets the criteria for 6.5 hours that can be applied toward the Neonatal Therapy National Certification. 6.5 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.

The following state boards of physical therapy accept other states' approval: **AK, AR, AZ, DC, DE, GA, HI, ID, IN, KS, MA, 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, ME, MT, NE, ND, NH, SD, WA**.

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**Cost - \$229**

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This dynamic intermediate-advanced course will elucidate the cardiopulmonary implications for the premature or medically-complex infant as related to physiological stability, evolving motor control, sensory stability, and transition to oral motor skills that support feeding.