

Premature and Medically Complex Neonates: Applying Critical Thinking to Support Long-term Outcomes

Kati Knudsen, PT, MPT, CNT, PCS, DCS

Faculty

Kati Knudsen has practiced as a pediatric physical therapist since 1996 and as a therapist in the NICU since 1999. Kati is lead therapist for two NICUs at sister hospitals in Portland, Oregon. She has obtained certifications in neonatal therapy, pediatric physical therapy, lactation education, neurodevelopmental treatment, infant massage, developmental care, and transportation of children with special needs in order to better support infants and families. Kati has published articles about support for preterm and medically fragile infants and has spoken nationally and internationally on care of infants in the NICU. Kati serves as the therapy representative on the Vermont Oxford Network Multidisciplinary Advisory Council and is a founding member and past co-chair of the Neonatal Therapy Certification Board. Kati also sees patients in NICU follow-up clinic where she has helped to redesign care to make it more accessible to families.

Financial Disclosures: Kati Knudsen receives an honorarium as a Board Member of Pampers and AngelEye Health.
Non-Financial Disclosures:
Kati Knudsen serves on the Neonatal Therapy Certification Board and Vermont Oxford Network Multidisciplinary Advisory Council.

About this Live Webinar

This advanced NICU therapy course will enable clinicians to collaboratively and dynamically apply strategies that support medically-fragile infants during their NICU stay and upon discharge. Problem-solving techniques specific to this setting will examine modifications to developmental and family-integrated practices to meet infants' unique needs. Clinicians will explore neuroprotective and neuropromotive strategies for multiple NICU scenarios. Within this critical-thinking framework, clinicians will incorporate parent and caregiver advocacy and integration strategies for long-term support of infants' needs. Additionally, participants will explore a broader role for therapy in the NICU from admission through discharge, using a strong developmental perspective and highlighting long-term outcomes and team collaboration. This will culminate in a practical application exercise around continuous quality improvement that will translate to better defined, measured and realized therapeutic outcomes for neonates.

Learning Objectives

- Utilize three strategies to support infants with extreme prematurity, complex neurological diagnoses, and in utero substance exposure using advanced problem-solving techniques.
- Apply at least two neuroprotective and neuropromotive strategies to support complex patients in the NICU.
- Determine a novel method to support infants beyond the NICU through identification of follow-up concerns, options for long-term support, and family integration to promote parent advocacy.
- Recommend a way to increase therapists' presence or therapeutic practices in the NICU, using the cases provided.
- Determine a quality improvement technique to better assist neonates and therapeutic outcomes.

Schedule – Day 1 10:10 am - 7:00 pm EST (US)

10:10–10:30	Webinar Registration/Zoom Course Opens
10:30–12:00	The Complex Neonate - Clinical implications of infant & maternal diagnoses - Modification of developmental care strategies to individual care for infants with varying medical needs - Family integration - Increasing the role of neonatal therapy
12:00–12:15	BREAK
12:15–1:30	Sensory System Development and Strategies for Neuroprotection & Neuropromotion - The sensory systems: order, physiology, therapeutic support - Specific neuroprotective & neuropromotive strategies - Practical tools to support sensory development
1:30–2:30	Case Studies
2:30–3:00	MEAL BREAK
3:00–4:45	Small Babies/Micropremies - Lower limits of viability and reduction of morbidities - Systems for micropremies - Neuroprotection & neuropromotion strategies specific to small babies - Therapeutic strategies to support micropremies & families feeding
4:45–5:00	BREAK
5:00–6:00	Follow Up/Follow Through Care - Options & access for post-discharge support - Parent & NICU staff engagement - Comprehensive NICU follow through care
6:00 – 7:00	Case Studies

Schedule – Day 2 10:10 am - 7:00 pm EST (US)

10:10–10:30	Webinar Registration/Zoom Course Opens
10:30–12:00	Complex Neurological & Surgical Scenarios - Diagnoses with neurological sequelae - Systems for infants with neurological conditions - Complex surgical conditions - Neuroprotection & neuropromotion therapeutic strategies to support patients & families
12:00–1:00	Case Studies
1:00–1:15	BREAK
1:15–3:15	In Utero Substance Exposure (IUSE) including Neonatal Opioid Withdrawal Syndrome (NOWS) - Clinical implications of in utero exposure to opioid and other substances - Systems for infants with IUSE - Eat Sleep Console for NOWS with family integration - Therapeutic strategies to support infants & families following IUSE
3:15–3:45	MEAL BREAK
3:45–4:45	Case Studies: Integrating a Trauma Informed Lens
4:45–5:00	BREAK
5:00–7:00	Continuous Quality Improvement (CQI) at the Bedside & Measuring Outcomes - CQI strategies for the NICU - Identification of CQI opportunities - Designing a CQI project and sharing results

ERI: Life-changing learning

You love what you do. Our courses remind you why. As a therapist, you change lives every day – and have your life changed in return. ERI is life-changing learning, for therapists by therapists.

The ERI Advantage

- Techniques you'll use the next day
- Peers who share your passion
- Renowned faculty
- Evidence-based courses that improve outcomes
- 30 years of life-changing learning

Specialty Tracks

Learn with courses throughout the lifespan – neonatal, pediatric, adult and geriatric. Each ERI specialty track is designed to make the most of your continuing education time, budget, and goals. Start your search with us and plan every course you'll take in 2024.

ERI Rewards*

Your ERI experience is more rewarding than ever:

- First course discount
- Bring a friend savings
- Group discounts
- \$100 off your 4th multi-day course

*Subject to availability. Exclusions may apply. Visit our website for details and coupon codes.

Visit educationresourcesinc.com for all your 2024 course needs.

Credits

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



Education Resources Inc. is an AOTA Approved Provider of professional development. Course approval ID# 03797. This Distance Learning-Interactive course is offered at 15 contact hours 1.5 CEUs. (Advanced level, OT Service Delivery). AOTA does not endorse specific course content, products, or clinical procedures.

This course can be used toward your NBCOT renewal requirements for 15 units. Approved provider of the **FL** Board of Occupational Therapy-CE Broker – 18 hrs. This course meets the approval of the **TX** Board of OT Examiners.



Education Resources, Inc.
ASHA CE Provider (Advanced Level)
1.5 ASHA CEUs

ASHA CE Provider approval and use of the Brand Block does not imply endorsement of course content, specific products, or clinical procedures.

ASHA credits are accepted by the **TX** Department of License and Renewal.

Approved by the **FL** Physical Therapy Association for 18 continuing education contact hours.

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.

Approved provider by the **NY** State Board of Physical Therapy for 18 contact hours (1.8 CEUs).

Education Resources, Inc. is an approved provider for Physical Therapy CEUs in the following states: **CA, KY, OK and TX**.

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**.

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, Suite 12, Medfield, MA 02052.

Please contact us with any special needs requests: info@educationresourcesinc.com or 800-487-6530.

Webinar Dates and Times – 2023

October 18 and 19, 2024

10:10 am EST • 9:10 am CST • 8:10 am MST • 7:10 am PST (US)

Registration is for both 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!

WEBINAR: Premature and Medically Complex Neonates: Applying Critical Thinking to Support Long-term Outcomes
Presenter: Kati Knudsen

☐ **October 18 and 19, 2024**

Course Registration Form

Name: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Home Phone: _____ Work Phone: _____

Cell Phone: _____

Needed in the event of an emergency scheduling change

Email: _____

Please clearly print your email address for course confirmation

Employer: _____

Discipline: _____ Specialty: _____

How did you learn of this course _____

Education Resources reserves the right to cancel any course due to insufficient registration or extenuating circumstances.. We are not responsible for any expenses incurred by participants if the course must be cancelled.

☐ I have read your refund policy above and understand.

Cardholder's name & billing address with zip code if different from above:

Signature _____

Amount charged _____

I hereby authorize you to charge my: ☐ VISA ☐ MC ☐ DISCOVER# _____

Exp. Date _____ CVV2 Code _____