



NANT 12 Conference Main Conference Objectives

01. Presenter: Jennie Jacob, MSPT, CNT, DCS, NTMTC
Presentation Title: Torticollis from NICU Through the First Year: More Than Just a “Twisted Neck”

- As a result of participation in this continuing education activity, participants should be able to:***
- Identify the musculoskeletal structures involved with Torticollis.
 - Reiterate the impact of torticollis on all areas of infant function.
 - Apply concepts to practice and intervention within their discipline specific practice.

02. Presenter: Lauren Adams, PT, PCS, CNT, NTMTC
Presentation Title: Improving Developmental Outcomes in a Low Resource Environment: Enhancing Excellence in Any Setting

- As a result of participation in this continuing education activity, participants should be able to:***
- Describe the Hospital to Home Program at Kiwoko Hospital in Uganda.
 - Discuss the quantitative and qualitative outcomes of the Hospital to Home interventions.
 - Identify interventions that can enhance excellence in our day-to-day practice.

03. Presenters: Kati Knudsen, PT, MPT, CNT, PCS, DCS and Deanna Gibbs, PhD, MOT, GC Res Meth, BAppSc(OT), CNT
Presentation Title: Neonatal Therapy Science: The Year in Review 2021

- As a result of participation in this continuing education activity, participants should be able to:***
- Identify key findings of 3 or more publications pertaining to NICU-based therapy published in 2021.
 - Analyze provided comprehensive outline of 2021 neonatal therapy practice-related articles.
 - Discuss emerging areas of research and practice based on 2021 publications relating to neonatal therapy.

04. Presenters: Louisa Ferrara-Gonzales, PhD, CCC-SLP, BCS-S, CNT, NTMTC and Jenny Reynolds, MS CCC-SLP, BCS-S, CNT, CLC
Presentation Title: Skills & Drills: Interactive Fiberoptic Endoscopic Evaluation of Swallowing (FEES) Case Studies to Propel you Towards Excellence

- As a result of participation in this continuing education activity, participants should be able to:***
- Describe three components of the bottle feeding and breastfeeding procedure for using FEES to assess infant swallowing.
 - Identify two abnormal anatomic findings during infant FEES.
 - Recognize three abnormal physiologic parameters of the swallow during infant FEES.



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05. Presenter: Raquel Garcia, SLP-D, CCC-SLP, CNT, CLC, BCS-S
Presentation Title: Community Re-entry for Infant Feeding with Tracheostomies

As a result of participation in this continuing education activity, participants should be able to:

Review reasons why an infants may have a tracheostomy.

Identify barriers to feeding therapy post community re-entry.

Discuss opportunities for medical provider(s) and caregiver communication techniques.

06. Presenter: Elizabeth Jeanson, PT, DPT, CNT, NTMTC
Presentation Title: Adventures in Neonatal Therapy: The Hopeful Story of Releasing Perfection to Make Room for Bigger Impact on the Developmental Outcomes for Preterm Infants.

As a result of participation in this continuing education activity, participants should be able to:

List three quality improvement tools available for neonatal therapists.

Identify 5 neurodevelopmental targets appropriate for neonatal therapists to complete.

Describe three modifiers to ideal quality improvement (QI) project implementation.

07. Presenter: Louisa Ferrara-Gonzales, PhD, CCC-SLP, BCS-S, CNT, NTMTC
Presentation Title: The Road to Excellence is Paved with Wrong Turns: Improving the Way we Honor our Bedside Mistakes

As a result of participation in this continuing education activity, participants should be able to:

Describe the negative effects of errors on occupational stress, emotional wellbeing, and overall quality-of-life for healthcare providers in who work in the NICU.

Summarize important foundational theories to incorporate into their practice in attempts to improve upon any mistakes (i.e., neurodevelopmental care, family-centered care, trauma-informed care, inter-professional practices, self-reconciliation).

List clear, evidence-based strategies to increase awareness of a mistake, as well as how to take action for improvements at bedside, and find forgiveness with themselves and co-workers.

08. Presenters: Lara Liszka, OTD, OTR/L and Bobbi Pineda, PhD, OTR/L, CNT
Presentation Title: Raising the Next Generation of Neonatal Therapists

As a result of participation in this continuing education activity, participants should be able to:

Summarize different pathways for entry into the field of neonatal therapy.

Demonstrate current mechanisms for education training in the NICU.

Engage in reflection on ways to prepare the neonatal therapists of the future.



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09. Presenters: Vicky Vu, MA, OT/L, BCP, CNT and Lauren Bojorquez, DPT
Presentation Title: Arm in Arm, Let's Lead Babies on the Road to Recovery: Brachial Plexus Injury (BPI) Rehabilitation

As a result of participation in this continuing education activity, participants should be able to:

Summarize the anatomy of the brachial plexus.

Discuss best practices for assessment of brachial plexus injury.

Identify implications for surgical procedures including nerve and tendon transfer post discharge.

10. Presenters: Katlyn McGrattan, PhD, CCC-SLP, and Abigail Spoden, BA
Presentation Title: Establishing Thickening Recipes Representative of Thickened Barium Using Infant Cereal

As a result of participation in this continuing education activity, participants should be able to:

Identify feed thickening recipes using Beechnut oatmeal cereal.

Identify feed thickening recipes using Beechnut rice cereal.

Identify the effects of warmed formula on recipes using infant cereals.

11. Presenters: Katlyn McGrattan, PhD, CCC-SLP and Greta Dembroski, BA
Presentation Title: Differences in Thickening Effects Between Hypoallergenic and Standard Infant Formulas Thickened with Infant Cereals

As a result of participation in this continuing education activity, participants should be able to:

Describe the difference in thickness between Similac Alimentum® and Similac Advance® thickened with infant cereal.

Describe the difference in thickness between Puramino™ and Similac Advance® thickened with infant cereal.

Describe the difference in thickness between Elecare® and Similac Advance® thickened with infant cereal.

12. Presenters: Katlyn McGrattan, PhD, CCC-SLP and Abbey Sterkowitz, BA
Presentation Title: Differences in Thickening Effects Between Room Temperature and Warmed Infant Formula: Enfamil A.R.® and Similac Advance®

As a result of participation in this continuing education activity, participants should be able to:

Describe the effects of warming on infant rice and oatmeal cereal formulations.

Identify the effects of warming on powdered 20 kcal/oz Enfamil A.R.® formula.

Identify the effects of time on thickness of warmed formulations.



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| 13. Presenter: Bobbi Pineda, PhD, OTR/L, CNT
Presentation Title: Optimizing the Early Sensory Environment: An Update on the Evidence |
| <i>As a result of participation in this continuing education activity, participants should be able to:</i> |
| Identify recent evidence that has emerged related to optimizing the NICU environment and consider new findings in context of previous research. |
| Define evidence that has emerged on the Supporting and Enhancing NICU Sensory Experiences (SENSE) program. |
| Identify 3 factors related to successful and challenging SENSE program implementation and define emerging technologies that can aid clinicians in optimizing the NICU environment. |
| 14. Presenter: Nicole Hübl, PhD, SLP
Presentation Title: A Novel Method to Evaluate Suck-Swallow and Breath Coordination in Pre-term Infants: Influence of Positioning and Feeding Technique on Suck-Swallow and Breath Coordination |
| <i>As a result of participation in this continuing education activity, participants should be able to:</i> |
| Identify differences in suck, swallow and breath coordination of newborn (breast- or bottle-fed) and preterm infants in different feeding positions and feeding interventions. |
| Describe benefits of feeding in elevated side lying and applying a feeding technique on the suck- swallow and breath coordination in preterm infants. |
| Define arguments for changing possible current feeding practice based on the described benefits of positioning and applying feeding technique. |
| 15. Presenters: Kati Knudsen, PT, MPT, CNT, PCS, DCS, CLE and Ashleigh Connell, CCC-SLP, CNT, CLE
Presentation Title: Associations Between Feeding and Development of Preterm Infants in the NICU and Throughout the First Year of Life |
| <i>As a result of participation in this continuing education activity, participants should be able to:</i> |
| Identify feeding and development assessments which can be used in the NICU to support transition to follow up services for preterm infants. |
| Summarize the impact of medical history and interventions in the NICU on long-term feeding and motor development. |
| Describe key components of follow up services including assessment timelines and disciplines to best support preterm infants. |



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16. Presenters: Kelly Kennedy, OTD, OTR/L, NTMTC and Erin Sizemore, PhD, CCC-SLP
Presentation Title: **Caring Together: Responding to the Opioid Epidemic through Interprofessional, Family-Centered Care**

As a result of participation in this continuing education activity, participants should be able to:

Describe the current opioid epidemic and 2-3 specific effects of the epidemic on the pediatric population.

Describe the child welfare system’s role in the opioid epidemic.

Describe how an interprofessional team can uniquely meet the needs of children with in-utero exposure and their families for improving developmental outcomes.

17. Presenters: Gina Brumfield, MSPT, DPT and Liz Manford, MOT, OTR/L, BCP
Presentation Title: **Implementation of Finding N.E.M.O.: NICU Early Mobility Optimization**

As a result of participation in this continuing education activity, participants should be able to:

Define early mobility and how it can be applied to the neonate population.

Identify at least one evidence-based benefit of an infant’s participation in early mobility.

Identify important safety considerations for early mobility and appropriately respond to patient tolerance during implementation.

18. Presenter: Shannon Usher, MSOT, OTR/L, CNT, NTMTC
Presentation Title: **Neonatal Massage: What, Why, and How**

As a result of participation in this continuing education activity, participants should be able to:

List three benefits of neonatal massage supported in the literature to maximize the outcomes of premature infants.

Articulate two article summaries that can be used when discussing current evidence-based literature regarding neonatal massage.

Discuss how neonatal massage can be implemented as a goal-directed intervention to meet the therapeutic goals of neonates.

19. Presenter: Sue Ludwig, OTR/L, CNT
Presentation Title: **Mission: Excellence – Lessons from the Tiny Humans**

As a result of participation in this continuing education activity, participants should be able to:

Redefine excellence as it relates to clinical practice and life.

Describe two signs of burnout in healthcare.

Discuss three takeaways that fuel excellence while reconnecting participants with their mission.



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20. Presenter: Monica Arroyo, MD and Betsy Pilon, Executive Director, Hope for HIE Foundation
Presentation Title: Taking the Mystery out of Hypoxic Ischemic Encephalopathy

As a result of participation in this continuing education activity, participants should be able to:

Define therapeutic hypothermia treatment.

Discuss the parent perspective and importance of communication and team approach to care.

Identify the challenges involved in transitioning to home after HIE.