



NANT 13 Conference Poster Objectives

- 1. Presenter:** Allison Freccero, OTD
Presentation Title: Feeding Interventions for Infants with Vocal Fold Immobility Following Cardiac Surgery: A Retrospective Chart Review Study

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

Recall the difference in efficacy between the use of thickened liquids and nipple flow rate as interventions for the included infants with postoperative with vocal fold immobility.

State the percentage of included infants that discharged to home with a feeding tube used to support their nutritional needs.

- 2. Presenters:** Allyson Gore, SLPD, CCC-SLP, CNT, CLC, NTMTC and Veronica Pace, MS, CCC-SLP, CNT, IBCLC, C-ELBW
Presentation Title: Improving Feeding Practices: Implementation of EBP through Parent and Staff Education

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

Discuss the importance of objective data collection in nursing and staff buy in of quality improvement processes.

- 3. Presenters:** Anastasiya Ruiz, MSPT, CNT and Robin Elican-Madeja, OTR/L, MS
Presentation Title: Safety and Feasibility of Early Therapeutic Interventions in Infants Less Than 27 Weeks Post Menstrual Age

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

Discuss two characteristics of a successful early therapy intervention program.

- 4. Presenter:** Barbara Kozol, MS, OTL
Presentation Title: Effects of Self-Regulated Physical Activity in Premature Infants on Bone Density and Length of Stay

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

Describe 3 advantages of prepod care versus traditional therapy exercise.

List 3 probable factors for the prepod groups' faster maturity.

- 5. Presenter:** Barbara O'Rourke, RN-NIC, TIP
Presentation Title: Milk Drops...Are They for Oral Care or Oral Enjoyment?

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

Discuss how NICU procedures such as taping, intubation, suctioning, etc. can negatively impact feeding development.

Describe how oral care with breast milk is different than offering milk drops.



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6. **Presenter:** Beth McGinnis, MOTR/L, IBCLC, CNT, NTMC
Presentation Title: Updated Best Practice Use of Test Weights to Support Establishment of Breastfeeding in the NICU

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

Depict the relationship between preterm infant's test weight results and active minutes of breastfeeding.

Present results from updated retrospective data to guide more accurate NICU recommendations for supplementation at the breast.

7. **Presenters:** Bethany Gruskin, MSOT, OTR/L, PhD Student and Delaney Smith, OTD, OTR/L, Doctoral Resident
Presentation Title: Providers' Perspectives of Transitioning Early Therapy Services After NICU Discharge to a Telehealth Model

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

Identify the importance of therapy post NICU discharge and understand challenges with access to such services.

Understand providers' perceptions of the Baby Bridge program if given through telehealth, including identifying strengths, areas of challenge, and strategies for mitigating challenges in a telehealth delivery model.

8. **Presenter:** Christy Gliniak, PhD, OTR/L, CNT, CPXP, NTMTC
Presentation Title: Cultivating Trauma-Informed Care in the NICU: Barriers and Facilitators to Implementation

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

Describe at least three individual or systemic barriers to trauma-informed care implementation in the NICU.

Describe at least three individual or systemic facilitators of trauma-informed care implementation in the NICU.

9. **Presenter:** Diane Allen, OTR/L, NTMTC, CNT
Presentation Title: Beyond Basic Positioning: The Journey of a Team Positioning Conjoined Twins. Things Are Only Impossible Until They Are Not.

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

Identify positioning techniques used to position conjoined twins.

Value the interprofessional collaboration required when facing new endeavors in the NICU and the attendee will identify two alternative roles of the neonatal therapist on the interprofessional team.

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- 10. Presenter:** Elaine McMahon, Bsc (Hons) OT; Msc Sensory Integration
Presentation Title: What are the Evidence-Based Outcomes for Early Intervention in the First 3 Months Post-Term Age for Infants Born at High Risk of Neurodevelopmental Difficulties

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

Gain knowledge of the key outcomes of EI for high-risk infants when carried out from birth to 3 months PTA.

Gain insight into planning the timing, frequency and location of EI for high-risk infants from birth to 3 months PTA.

- 11. Presenters:** Hannah Tahhan-Jack, MS, CCC-SLP, BCS-S, IBCLC, CNT and Lindsay Murray-Keane, MS, CCC-SLP, IBCLC, CNT
Presentation Title: Development of Pediatric MBS Program in Small Community Acute Care Hospital with Level II NICU

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

Discover key elements to development of pediatric MBS for Level II NICU.

Identify workflow and protocol for NICU MBS.

- 12. Presenters:** Hannah Tahhan-Jack, MS, CCC-SLP, BCS-S, IBCLC, CNT and Lindsay Murray-Keane, MS, CCC-SLP, IBCLC, CNT
Presentation Title: Implementation of Objective Feeding Practices in a Level II NICU

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

Demonstrate a framework to create a developmentally friendly feeding program from the ground up in a Level II NICU.

Identify a systematic approach for changing practices specific to developmental care and feeding in a Level II NICU.

- 13. Presenter:** Jane Cranston, OTR-MOT, CNT, BCP, NTMTC
Presentation Title: MARS (Medical Adhesive-Related Skin Injuries) Prevention in The NICU - A Collaborative Project in a Level III Nursery

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

Identify potential skin harming practices in the NICU that can cause MARS (Medical Adhesive-Related Skin Injuries) to neonates.

Implement evidence-based guidelines for daily skin care of neonates to prevent MARS (Medical Adhesive-Related Skin Injuries).



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- 14. Presenters:** Jenna Rogers, PT, DPT, CCI, CNT and Robin Elican-Madeja, OTR/L, MS
Presentation Title: Outcomes of Rehabilitation Services Co-Treating Medically Complex Infants in the Neonatal Intensive Care Nursery

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

Determine the outcomes of an interdisciplinary co-treatment approach to therapeutic intervention in the intensive care nursery.

Determine whether co-treatment results in increased treatment duration, number of interventions performed and self-regulatory skills.

- 15. Presenter:** Jenna Lammers, MSR/PT, CNT, PCS
Presentation Title: Clinical Relevance of the Lifespan Neuromuscular Gross Motor Outcome in Newborn Screen Identified - Early Treated Infants with Spinal Muscular Atrophy

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

Identify three outcome measures that may be used on NICU through post-discharge infants with Spinal Muscular Atrophy and will understand the benefits and limitations of each outcome.

Recognize the new lifespan Neuromuscular GRO outcome and its utility in assessing an NICU infant diagnosed early through newborn screen with Spinal Muscular Atrophy, treated with one of 3 FDA approved products, and followed over the lifespan through episodes of in-person clinical care and Tele-visits.

- 16. Presenter:** Jennifer Kirsch, RMUoHP, MS, CCC-SLP, Doctoral Student
Presentation Title: What is the Impact of an Oral Stimulation Program with the Addition of Breast Milk Drops on Bottle-Feeding in Premature Infants?

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

Compare the use of the PIOMI with the addition of breast milk drops to usual care with premature infants in a level 3 NICU.

Determine the effectiveness of using a premature infant oral stimulation program on preterm infants to improve the acquisition of oral feeding skills.

- 17. Presenters:** Jennifer Lew, PT, DPT, PCS and Denise Gibbs, PT, DPT, CNT
Presentation Title: Improving Continuity of Care From the Neonatal Intensive Care Unit (NICU) to Outpatient Medical and Developmental Management Using Interdisciplinary Team Collaboration

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

Describe how the structure of the interdisciplinary team leads to early identification of high-risk neonates that may otherwise not be identified and referred to follow-up clinic in a high census level IV NICU.

Identify systems to improve successful interdisciplinary team and caregiver communication and practices.



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18. Presenters: Joy Berthelsen, OTD/L and Holly Schifsky, OTR/L, CNT, NTMTC, CBIS
Presentation Title: Promoting Positive Oral Skill Development While on Pulmonary Support

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

Understand implications of pulmonary devices on oral facial structures and the impact on oral motor skill development to support oral feeding skills.

Discuss oral motor interventions for infants with pulmonary support and techniques to improve infant skill development with securement of pulmonary device.

19. Presenter: Allison Freccero, OTD
Presentation Title: Body Wrap Devices and Their Effects on Skin-to-Skin Care in the Neonatal Population: A Pilot Study

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

Accurately explain the findings from this pilot study conducted on the use of body wraps during SSC with preterm infants and the implications for future research.

List at least two benefits of SSC for the preterm infant and/or their caregiver.

20. Presenters: Kris Barnekow, PhD, OTR/L, IMH-E and Margaret Aschenbrenner, OTRM/L
Presentation Title: Clinical Utility of the Community-Based Safety, Matching, Interacting, Looking and Expecting (SMILE) Curriculum: Supporting Mothers After Their Infant/s Transition from NICU to Home

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

Identify maternal perceptions of the Safety, Matching, Interacting, Looking and Expecting (SMILE) curriculum.

Describe the clinical utility of the Safety, Matching, Interacting, Looking and Expecting (SMILE) curriculum.

21. Presenter: Kyla O'Boyle, MS, CCC-SLP, BCS-S
Presentation Title: A Pathway for Site Specific Testing for Use of Slightly Thick Viscosity Formula for Dysphagia

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

Identify three factors that influence viscosity of infant formulas.

Describe how the IDDSI flow test can be used in site-specific testing for infant formulas.

22. Presenter: Laura Madlinger-Lewis, OTD, OTR/L, CNT
Presentation Title: Development of a NICU TikTok Account as a Novel Approach to Caregiver Support and Education

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

Describe the purpose of utilizing social media accounts for families/caregivers in the NICU.

Understand the process of vetting educational content.

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23. Presenters: Leann Magiera, PT, DPT, FAPTA, PCS and Jennifer Hofherr, MS, OTR/L, C/NDT, CNT, NTMTC, NIDCAP Trainer
Presentation Title: Content Validity and Utility of the FAN-C (Functional Assessment of Neonatal Capacity) Outcome Measure According to Expert Opinion

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

Appreciate the need for an outcome measure addressing neonatal capacity in the NICU in the context of routine cares.

Understand that research is being conducted in order to establish content validity for the Functional Assessment of Neonatal Capacity (FAN-C).

24. Presenters: Lisa Grisham, NNP-BC and Jennie Jacob, MSPT, CNT, DCS, NTMTC
Presentation Title: The Journey to Babywearing Competence and Inspiring Parent/Caregiver Confidence in Meeting the Needs of the NICU Infant

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

Describe two benefits of babywearing in the NICU environment.

Describe how to implement a Babywearing program in their NICU.

25. Presenter: Magaly Schreiber, DPT
Presentation Title: Creating a Safe Bridge to Home: Development of a NICU Follow Up Clinic for High-Risk Infants

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

Understand the unique challenges for families of high-risk infants being discharged from the NICU.

Learn about a model for comprehensive multi-disciplinary clinic follow up for high-risk infants that has been successful for our population.

26. Presenter: Marinthea Richter, OTD
Presentation Title: Benefits of Sensory Interventions Provided by the Parents or by Others in the NICU

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

Describe differences in parent mental health and confidence as well as infant neurodevelopmental outcomes at term equivalent age based on whether infants received most of their multisensory interventions from parents or others (healthcare professionals/volunteers) during NICU hospitalization.

Identify the importance of parents at the bedside.

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27. Presenters: Mary Wardell, PT, DPT, PCS, CNT and Karen Schwarz, PT, CNT
Presentation Title: Inspiring Competence and Confidence in Neuromotor Assessment of Infants After Therapeutic Hypothermia

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

Identify the feasibility of and potential barriers to consistent use of standardized neuromotor assessments with at-risk infants in various practice settings.

Discuss topics for further discussion or research related to neuromotor outcomes in this targeted population.

28. Presenters: Matthew Leocha, DPT, NTMTCIII and Stefanie Schwartz, DPT, CNT, NTMTC
Presentation Title: Implementing a Weekly Change in Infant Positioning to Prevent Head Turn Preference

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

Identify practice change needs within their own NICU that could reduce head turning preferences in infants.

Explain how bed orientation can reduce directional head turning preferences, improve parental involvement in cares, and improve long term developmental in NICU infants.

29. Presenter: Rosemarie Bigsby, ScD, OTR/L, FAOTA
Presentation Title: Report of the Consensus Committee of Standards, Competencies and Best Practices for Infant and Family Centered Developmental Care (IFCDC) in the Newborn ICU

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

Describe the Standards, Competencies and Best Practices for Infant and Family Centered Developmental Care in the Newborn ICU.

Discuss how the Standards, Competencies and Best Practices could be implemented to enhance family-centered developmental care in their practice settings.

30. Presenter: Shawna Townsend, OTD, OTR/L, CNT, IBCLC, NTMTC
Presentation Title: A Multidisciplinary Approach to Increase Maternal Breast Milk Rates in a Level IV NICU

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

Identify common problem areas that may impact successful breast feeding and breast milk use in the NICU.

Discuss targeted interventions to increase breast feeding rates and the use of maternal breast milk use in the NICU.

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31. Presenter: Shawna Townsend, OTD, OTR/L, CNT, IBCLC, NTMTC

Presentation Title: Establishing a Clinical Practice Guideline for Feeding Infants with HIE

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

Identify common timeline and feeding practices for infants that have completed therapeutic hypothermia.

Discuss assessment results that will identify common feeding difficulties for infants that have completed therapeutic hypothermia.

32. Presenter: Sonya Baillie, OTD, OTR/L

Presentation Title: Promotion of Transdisciplinary Developmental Care through OT/PT Led Hands On Training for Nursing Staff

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

Understand the importance of collaboration between newly hired nursing staff and PT/OT staff to ensure the best and safest care for NICU infants.

Understand multiple ways to deliver education to other NICU staff using a variety of hands-on tools.

33. Presenters: Stefanie LaManna, MS, CCC-SLP, CNT and Brooke Hatfield, MS, CCC-SLP

Presentation Title: Considering Social Determinants of Health When Preparing for NICU Discharge

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

Define social determinants of health (SDOH) and give examples of barriers within each domain.

Identify 2 ways NICU staff can increase a family's access to supplies and/or services after discharge.

34. Presenters: Tara Dempsey, MOT, OTR/L, CNT and Zoe Adler, CCC-SLP, GSPP

Presentation Title: Holistic Care Rounds: Addressing NICU Families' Psychosocial Needs

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

Demonstrate the effects of implementing ICN holistic care rounds on parent satisfaction scores.

Identify ways to individualize family-focused therapeutic interventions for infants in the ICN through a multidisciplinary approach.

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35. Presenters: Tracy Meyers, RNC-NIC, BSN and Brenda Gamerl, MS CCC-SLP, CLC, CNT
Presentation Title: A Collaborative Team Approach to Standardize Infant Driven Feeding in a Level III NICU:
Competence, Communication and Consistency

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

Describe the four goals of The Infant Driven Feeding model of care where the feeding is safe, functional, nurturing, and individually developmentally appropriate.

Describe how principles of competence, confidence, communication and consistency promote best practices for Infant Driven Feeding including parent empowerment and a team approach.