



NANT 14 Conference Main Conference Objectives

- 1. Presenter:** Terrie Major-Kincade, MD, MPH
Presentation Title: When the Superhero Cape Fails: How I Learned to Breathe Again from Babies, Parents and Healthcare Teams- A Tale of Clinician Burnout and Rekindled Flames

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

Distinguish between moral distress and moral residue and the relationship to provider burnout in the neonatal intensive care unit (NICU).

Identify 3 unique skills that encourage holistic care at the bedside.

Summarize 3 strategies for self-care and personalized resilience.

- 2. Presenter:** Louisa Ferrara-Gonzalez, PhD, CCC-SLP, BCS-S, CNT, NTMTC
Presentation Title: Cells, and Embryos, and Fetuses OH MY! Demystifying Embryologic and Fetal Development

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

Identify 3 congenital anomalies and the gestational age in which it was likely acquired.

Explain the timeline for the fetal development of at least 1 major organ system.

Describe 3 strategies to support parents of infants with congenital anomalies.

- 3. Presenter:** Efrat Sher-Censor, PhD
Presentation Title: The Effects of Adverse Childhood Experiences on Mother-Infant Interaction and Infant Development: The “Orim” National Early Intervention Project in Israel

Due to unforeseen circumstances this session will be recorded and available for replay only.

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

Identify up-to-date research about the impact of parents’ adverse childhood experiences (ACEs) on newborns in varied ethnocultural contexts.

Identify and potentially prioritize families of newborns at risk for poorer parent-infant relationships as a result of exposure to adverse childhood experiences.

List a set of recommendations for planning a culturally sensitive approach to asking parents of newborns about ACEs.

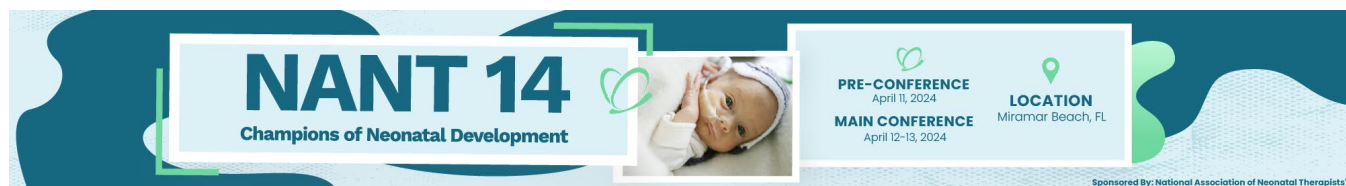
- 4. Presenters:** William Morris, MD & Charter Rushing, PT, ScD
Presentation Title: Identification and Treatment of Common Pediatric Orthopedic Conditions in the Newborn

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

Identify clinical signs of common pediatric orthopedic conditions that affect the newborn including developmental dislocation of the hip, clubfoot, and congenital knee dislocation.

Describe and apply therapeutic techniques to treat common pediatric orthopedic conditions in the newborn including clubfoot and congenital knee dislocation.

Summarize outcomes of treatment of developmental dysplasia of the hip and clubfeet to improve parental counseling.



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- 5. Presenter:** Andrea Mira, PhD, Msc, OT
Presentation Title: The Relation Between Maternal Sensitivity and Moderate Preterm Infants' Development and Social Withdrawal

Due to unforeseen circumstances this session will be recorded and available for replay only.

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

Discuss the impact of prematurity on moderate preterm infants and their families (short, medium and long term).

Describe the relation between maternal sensitivity and their moderate preterm infants' development and social withdrawal.

Analyze the relevance of favoring interactions between mothers/fathers and their newborns in the (NICU) to favor infants' development and parents' sensitivity.

- 6. Presenters:** Kelly Susey, MPT, CNT & Melissa Hanin, MOT/L, CNT
Presentation Title: Behavioral Signs of Respiratory Instability Scale © (BSRI) - Scoring and Application

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

Reliably assess infants using the BSRI scale, with a variety of ages and levels of respiratory support.

Define resources (epic build, BSRI chart, training resources) to share with their NICU team.

Identify additional application for the BSRI clinically, and opportunities for future research.

- 7. Presenters:** Aleksandra Popkowska, MS, CCC-SLP, CNT, IBCLC & Maria Fisher, CNM, MSN, MPH, IBCLC
Presentation Title: Advocates for Best Milk Practices: Neonatal Therapists as Breastfeeding Champions

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

Identify three best practices for optimizing lactation in the postpartum period.

List three examples of common health disparities/barriers that impact early and exclusive breastfeeding for high-risk dyads in the postpartum period.

Describe considerations for two special populations to engage as advocates for breastfeeding and use of human milk.

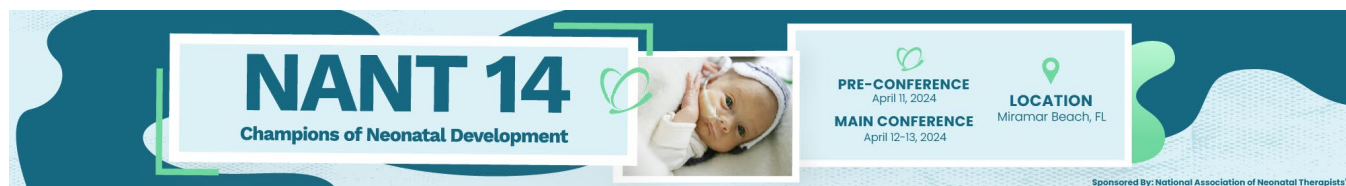
- 8. Presenters:** Bobbi Pineda, PhD, OTR/L, CNT & Emily Hills, OT, MSc, CNT
Presentation Title: Sensational Beginnings: Supporting Optimal Sensory Development

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

Summarize a clear understanding of the significant effects of stress on early brain development.

Review the evidence on multi-sensory interventions for high risk infants in the Neonatal Intensive Care Unit.

Identify 3 practical strategies they can implement in order to optimize the early Neonatal Intensive Care Unit environment.



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- 9. Presenter:** Raquel Garcia, SLP-D, CCC-SLP, CLC, CNT, BCS-S
Presentation Title: About Face: Looking Beyond the Obvious When Feeding Neonates with Cleft and Craniofacial Differences

This session has been canceled due to unforeseen circumstances.

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

Review typical feeding differences in infants with cleft palate and/or craniofacial differences.

Identify red flags for atypical feeding patterns and risk factors for dysphagia.

Discuss key strategies to support breastfeeding and chest feeding.

- 10. Presenters:** Jennie Jacob, MSPT, CNT, NTMTC & Cuyler Romeo, MOT, OTR/L, SCFES, CLC
Presentation Title: Responsible Use of Artificial Intelligence in Generation of Developmentally Supportive Education in the NICU

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

Demonstrate techniques to appropriately analyze AI generated education information for validity and accuracy.

Summarize the potential pitfalls in utilization of AI systems for creation of NICU specific family education.

Explain the benefits of using AI generated text for creation of NICU specific family education.

- 11. Presenter:** Kelly Simpson, OTD, OTR/L, BCP, CNT, NTMTC
Presentation Title: Occupational Deprivation and Isolation: Supporting Co-Occupations for Hospitalized Infants and Their Parents

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

Summarize the barriers and challenges in co-occupation for the parents of hospitalized infants.

Apply three strategies to address occupational imbalance for parents of hospitalized infants.

Verbalize at least three themes in the qualitative data and prepare strategies to address negative experiences in the NICU environment in their specific practice setting.

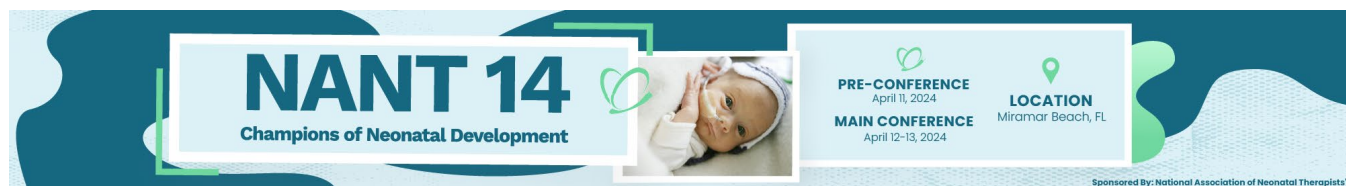
- 12. Presenter:** Ally Gore, CCC-SLP, SLPD, CNT, CLC, C-ELBW
Presentation Title: Interdisciplinary Teamwork & the SLP's Role in Perinatal Palliative Care

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

Discuss the importance of the speech-language pathologist's (and other neonatal therapist's) participation in palliative care for the neonatal and perinatal population.

Compare and contrast feeding and swallowing management in the perinatal palliative care population as compared to other neonates.

Explain the particular ethical conundrums of the perinatal palliative care population.



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- 13. Presenters:** Annie Matthews, OTD, OTR/L, CLC, CNT & Molly Susi, OTD, OTR/L
Presentation Title: Training NICU OTs, PTs, SLPs: A Comprehensive Approach to Promote Competence, Confidence, and Accountability Among Mentors and Mentees

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

List 3 tools to track the mentee's training progress and areas of competence.

Identify 3 techniques to facilitate smooth and effective communication between mentor/mentee.

Identify additional areas of mentorship to support success in the NICU in addition to clinical competencies.

- 14. Presenters:** Diane Allen, OTR/L, NTMTC, CNT & Suzanne Schneider, MS, CCC-SLP, CNT, NTMTC
Presentation Title: You've Come a Long Way Baby: How Neonatal Therapists Can Champion Transformative Change

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

Identify methods to balance the interplay of neonatal competencies and emotional intelligence of a neonatal therapist working in the NICU.

Verbalize insight on how to utilize the AAP published guidelines as a tool to support change within the NICU setting.

Describe the framework to support change in the NICU utilizing Family Centered, Neuroprotective, and Trauma Informed Care models.

- 15. Presenter:** Louisa Ferrara-Gonzalez, PhD, CCC-SLP, BCS-S, CNT, NTMTC
Presentation Title: Championing a New Technique in Neonatal Dysphagia: Evidence to Support the Use of Cold Milk

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

Identify three potential pros and three potential cons of using cold milk in infants.

Describe how cold milk may influence the swallowing mechanism.

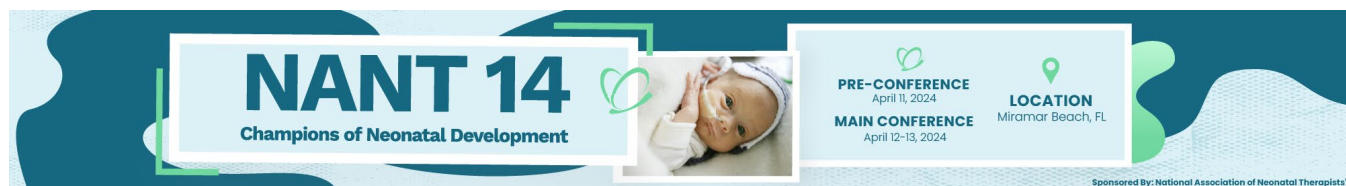
Explain the protocol for selecting infants and for how to use cold milk at bedside.

- 16. Presenter:** Orna Lev Enacab, PhD, MA, BPT, PT
Presentation Title: The Contribution of Infant's General Movement to Mother-Infant's Interactions, as well as to Children's Motor and Social Competence

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

Identify main characteristics of normal and abnormal general movements of infants.

Identify characteristics of attuned vs. non-attuned interactions between mothers and their preterm infants regarding the sensitivity of touch and holding and intrusive behaviors.



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Recognize the importance of integrating parental guidance into sensitive interaction during physical and occupational therapies of preterm infants.

- 17. Presenters:** Deanna Gibbs, PhD, MOT, Grad Cert Res Meth, BAppSc(OT), CNT, NTMTC & Kati Knudsen, PT, MPT, CNT, PCS, DCS, CLE
Presentation Title: Neonatal Therapy Science: The Year in Review 2023

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 the Core Scope of Practice for NICU-based therapy published in 2023.

Analyze the provided comprehensive outline of 2023 neonatal therapy practice-related articles.

Discuss emerging areas of research and practice based on 2023 publications relating to neonatal therapy.

- 18. Presenter:** Elizabeth Schuster, OTD, R/L, CLT
Presentation Title: Improving Health Outcomes and Medical Management of Infants Born with Giant Omphalocele

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

Identify 3 challenges for the NICU team stemming from giant omphalocele and how to assist with management of these from a therapy perspective.

List 3 reasons why closure and management of giant omphalocele is vital for the respiratory status of infants.

Develop a plan of action for use at their facility for increased opportunity for discussion and management of omphalocele by identifying 3 key players to communicate with regarding management and ideation.

- 19. Presenters:** Cuyler Romeo, MOT, OTR/L, SCFES, CLC, Jenny Reynolds, MS, CCC-SLP, CLC, CNT, BCS-S, Kristin Taylor, MOT, CNT, NTMTC, CLC & Pamela Dodrill, PhD, CCC-SLP, BCS-S, CNT
Presentation Title: Supporting Fragile Feeders: A Clinical Reasoning Panel Discussion for the Neonatal Therapist

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

Identify common challenges associated with feeding fragile infants.

Describe two evidence-based positioning strategies for fragile feeders.

Identify indications for instrumental swallow assessments.

- 20. Presenters:** Bobbi Pineda, PhD, OTR/L, CNT & Johanna Siemon, MS, MPH, OTR/L, CNT, NTMTC
Presentation Title: State of Neonatal Therapy Certification: Then, Now, and the Future

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

Identify at least 2 ways that neonatal therapy practice has changed in the past 10 years.

Identify how the Neonatal Therapy Certification program elevates practice and improves care for babies and families.



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Discuss the progress of building a foundation of skilled Certified Neonatal Therapists over the past 10 years and understand the pathway into the future.

21. Presenters: Sandra Sullivan, MD, IBCLC & Jerrica Walden, MA, CCC-SLP, CNT, IBCLC
Presentation Title: Welcoming Breastfeeding in the NICU and Mother-Baby Floor Through Interdisciplinary Culture Change: A Panel Discussion

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

List disciplines required to create a successful breastfeeding culture in a hospital.

Identify an example of bodywork for swallowing problems.

Discuss culture change challenges they face in their own institution.

22. Presenters: Dawn Gresham, PT, CNT & Anne Tully, OTR/L
Presentation Title: Advanced Considerations in the Treatment of Infants with Severe Bronchopulmonary Dysplasia (sBPD) and/or Tracheostomy

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

Describe at least three atypical anatomical and body system changes infants with sBPD and/or tracheostomy undergo.

List three therapeutic tools available to address compensatory movement patterns limiting developmental progression with the older infant with sBPD and/or tracheostomy in the NICU.

Identify three benefits of communication and advocacy with the infant's family and medical team.

23. Presenter: Mary Coughlin, MS, RNC-E
Presentation Title: Sticks and Stones May Break Your Bones, but Words Matter

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

Describe the concept of mindful language.

List the qualities of mindful communication.

List 3 strategies to promote non-judgmental language in the NICU.