



NANT 12 Conference Poster Objectives

1. Presenters: Audrey Latimore, MA, CCC-SLP, CNT, CLC and Chelsea Randall, MS, CCC-SLP, CNT, CLC
Presentation Title: Feeding and Swallowing Outcomes in Infants Born via Ex Utero Intrapartum Treatment (EXIT) Procedure for Head and Neck Masses

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

Describe possible oral and pharyngeal deficits resulting from the presence of head/neck masses in infants

Describe considerations for clinical problem solving and emphasize the importance of timely and comprehensive feeding-swallowing assessment and intervention by SLP for infants with airway masses

2. Presenters: Vicky Vu, OT/L, BCP, CNT and Gabrielle Thomas, OTS
Presentation Title: Parent Satisfaction of CHOC's Palliative Care Services in the NICU

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

Have an understanding on occupational therapy roles in developing parental bonding in the NICU setting.

Identify parental satisfaction with palliative occupational therapy services during their stay in the care of Children's Hospital Orange County NICU.

3. Presenter: Elizabeth Teschler, OTD
Presentation Title: Competency Training for the Level II Special Care Nursery

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

Differentiate the importance of levels (I, II, III, IV) of Neonatal Intensive Care Unit (NICU) care and how it relates to competency training.

Influence the initiation for standardized education and competency tools specific to the NICU setting.

4. Presenter: Renu Agrawal, MPT, CNT, C/NDT
Presentation Title: Efficacy of Giving Oropharyngeal Mother's Milk in Extreme Preterm Infants in Early Transition to Breastfeeding and Duration of Hospital Stay: A Case Control Study

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

Understand the importance and safety of giving oropharyngeal milk drops and describe and implement the protocol in their NICUs as well.

Assess how to increase and progress with the oral feeds by using SOFFI method.



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5. Presenter: Grace Kelso, OTD, OTR/L
Presentation Title: Supporting Occupations and Neurodevelopment of Infants with Congenital Heart Disease: A Training for Interprofessional Hospital Staff

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

Increase knowledge of unique developmental needs and confidence delivering occupation-based interventions to support neurodevelopment of infants with CHD in the hospital.

Increase understanding of why developmentally supportive care is important for all professions to understand and implement as frequently as possible in the hospital.

6. Presenters: Amy Dotson, MOTR/L and Kyla O’Boyle, MS, CCC-SLP, BCSS
Presentation Title: Interdisciplinary Management of Infants Affected by Neonatal Abstinence Syndrome (NAS)

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

Identify three common symptoms associated with NAS infants and the impact on the behavioral and/or physiological regulation.

Identify three developmentally appropriate interventions utilized by NICU developmental staff to minimize NAS symptoms and promote optimal outcomes.

7. Presenter: Sarah Elkington, OTR, CNT, CIMI
Presentation Title: A Scoping Review of Integrated-Collaborative Care Practices for Neonatal Therapists

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

Identify at least 7 aspects of integrated collaborative care practices in the NICU setting.

Identify at least 2 actions or practices that facilitate communicative integration within NICU units.

8. Presenter: Ashley Pinger, PT, DPT, PCS
Presentation Title: Increasing use of the General Movement Assessment (GMA) in the NICU: A Quality Improvement Project

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

Identify the various steps within the GMA process.

Verbalize quality improvement methods that increase compliance with obtaining GMAs in the NICU.



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9. Presenter: Tiana Nguyen, OTD, OTR/L
Presentation Title: Exploring the Use of Telehealth as a Service Delivery Model on Utilization and Access to Therapy Services in an Outpatient Infant Bridge Program

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

Understand the use of telehealth as a service delivery model for an infant bridge program.

Understand how telehealth impacts access to services and utilization.

10. Presenters: Bridget Schutz, OTR/L, CNT, CEIM and Dallin Sudbury, OTR/L
Presentation Title: Customized Three-dimensional Printed Splints for Neonates in the Neonatal Intensive Care Unit: Three Case Reports

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

Describe how advanced 3D scanning and digital design can customize neonatal splints.

List an example of 3D printed neonatal splints.

11. Presenter: Christina Felcy Saji
Presentation Title: The Effectiveness of Using Mustard Pillow with Standard Nesting Versus Standard Nesting Alone in Preventing Deformational Plagiocephaly (DP) in Preterm Infants in the Neonatal Intensive Care Unit- A Randomized Control Trial

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

Discuss importance of positioning of preterm infants in the NICU and various positioning devices.

Present a study to evaluate the effectiveness of using mustard seed filled pillows in preventing DP in premature infants in the NICU.

12. Presenters: Catherine Demers, MSc, OT and Audrey Charpentier-Demers, MSc
Presentation Title: Promoting Oral Stimulation Interventions in the NICU: A Knowledge Translation Project

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

Identify strategies to improve the knowledge of nurses and parents in the NICU regarding oral stimulation interventions.

Identify strategies to increase the frequency of oral stimulation interventions in the NICU.

13. Presenters: Catherine Demers, MSc, OT and Marie-Eve Savard, MSc
Presentation Title: Sensory-based Intervention in the NICU: Implementing a Novel Approach

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

Identify strategies to adapt a sensory-based intervention to a NICU's specific needs.

Discuss opportunities to implement a sensory-based intervention in a NICU.



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14. Presenters: Lorrie Wagner, PT and Sabrina Belmont, PT
Presentation Title: Implementation of a Cranial Asymmetry Assessment and Monitoring Program in a Level III NICU

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

Identify two measurements that assist with determining cranial asymmetries.

List the common types of cranial deformities found in neonates.

15. Presenter: Barbara O'Rourke, RN-NIC
Presentation Title: The Neuroprotection of Oral Enjoyment by Offering Milk Drops

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

Describe why infants need to be in control of their mouths.

Discuss why invasive oral procedures may have a negative impact on feeding.

16. Presenters: Lara Liska, OTD, OTR/L and Bobbi Pineda, PhD, OTR/L, CNT
Presentation Title: Differences in Neurobehavior between Low-Risk Preterm Infants at Term and Full-Term Infants

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

Understand differences in neurobehavior between low-risk very preterm infants at term equivalent age compared to full-term infants.

Explore the contributions of the early NICU environment on early brain development.

17. Presenters: Mari Cunningham, PT and Lois Holsinger, OTR/L
Presentation Title: NTrainer Device: Impact on Quality of Feeding in Preterm Infants as Measured by Feed Alarms

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

Describe the use of the NTrainer in providing frequency-modulated orocutaneous stimulation for preterm infants.

Identify the impact of the NTrainer treatments on feeding alarms in the study group.

18. Presenters: Sabrina Belmont, PT, CNT, NTMTC and Lorrie Wagner, PT, CNT, NTMTC
Presentation Title: Tummy Time in the presence of an omphalocele

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

Describe at least 2 developmental implications of an omphalocele.

Discuss at least 3 benefits of early regular Tummy Time.



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19. Presenter: Kate de Castro, OTD Student
Presentation Title: Utilizing a Modified SENSE Program to Increase Positive Sensory Experiences for Preterm Infants in the NICU

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

Describe the potential benefits and challenges of implementing a positive sensory exposure program to support infant neurodevelopment in a NICU.

Identify the resources and time commitment required for a neonatal therapist to sustain a positive sensory exposure program in the NICU.

20. Presenters: Shannon Frarey, PT, DPT and Chelsea Griggs, MS, CCC-SLP, IBCLC
Presentation Title: Incorporation of Neonatal Education in the Antepartum Unit for High-Risk Pregnancy Patients

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

Identify 2 key steps in integrating neonatal education in the antepartum unit.

Describe 3 benefits of neonatal education to high-risk families in the antepartum unit prior to delivery.

21. Presenter: Jennifer Lew, PT, DPT, PCS and Joan Wagner, MS, OT/L, CNT
Presentation Title: The Importance of a Multidisciplinary Approach to Treatment in the NICU: A Case Study

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

Identify the importance of establishing a multidisciplinary team approach to address potential discharge barriers of medically complex infants.

Understand the importance of establishing therapist/caregiver dyad to increase caregiver's role of parenting in the neonatal intensive care unit.

22. Presenters: Melanie Petrushko, CCC-SLP, CNT, CLC, NTMTC and Wendy Sines, OT-L, NTMTC, CLT
Presentation Title: Breaking Down Walls in the NICU - how we convinced them we were needed.

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

Effectively prioritize team goals for therapy program development in the NICU.

Utilize strategies to build professional relationships with the existing NICU staff.

23. Presenters: Sujata Noronha, Neonatal and Pediatric Physical Therapist and Mousam Gala, Neonatal and Pediatric Physical Therapist
Presentation Title: A Neuro-Protective Approach to Manage Neonatal Pain During Routine Procedures

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

Train and sensitize the neonatal nurses to identify the pain cues in the neonates.

Support the child during painful procedures using non-pharmacological management.



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24. Presenters: Lebanon David, DNP, NNP-BC, NPT-BC, VA-BC and Dr. Sharron Forest, DNP, APRN, NNP-BC
Presentation Title: Developing Pain Management Guidelines (PMG) for Minor Surgeries in NICU

As a result of participation in this continuing education activity, participants should be able to:
 Describe the benefits of using a clinical guideline to manage neonatal post-operative pain.
 List evidence-based interventions that can be incorporated into a neonatal pain management clinical guideline for minor surgeries.

25. Presenters: Geetha Arora, Neonatal and Pediatric Occupational Therapist and Sujata Noronha, Neonatal and Pediatric Physical Therapist
Presentation Title: Parent Education Concerning Follow up and Early Intervention Program for NICU Graduates in India.

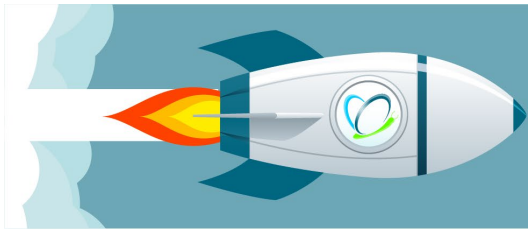
As a result of participation in this continuing education activity, participants should be able to:
 Analyze the parents understanding of their baby's development trajectory post discharge from the NICU.
 Educate and create awareness about understanding the behavior cues of infants and the need of regular Follow up and Early Intervention.

26. Presenter: Elizabeth Hoffman, PT, DPT, PCS, CNT
Presentation Title: Behavioral and Physiological Effects of Hydrotherapy and Vestibular Interventions for Neonates with History of Fetal Opioid Exposure: A Case Series on Nonpharmacological Therapeutic Strategies

As a result of participation in this continuing education activity, participants should be able to:
 Identify at least two interventions used to promote behavioral state regulation for infants with neonatal abstinence syndrome, after reading this poster.
 Identify at least two differences in behavioral response to hydrotherapy compared to swing interventions for the infants with neonatal abstinence syndrome, after reading this poster.

27. Presenter: Jennifer Hofherr, MS, OTR/L, C/NDT, CNT, NTMTC
Presentation Title: Empowering Nurses to Assess Feeding Efficiency and Proficiency

As a result of participation in this continuing education activity, participants should be able to:
 Describe a process to assess impact of feeding endurance and feeding proficiency using specific feeding measures.
 List 2 benefits of empowering nurses to use objective information to make nipple change decisions.



NANT 12 | MISSION: EXCELLENCE



PRE-CONFERENCE: March 31, 2022
MAIN CONFERENCE: April 1-2, 2022



LOCATION: Cincinnati, OH

Sponsored By: National Association of Neonatal Therapists®

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28. Presenter: Melissa Covington, MA, CCC-SLP, ALC, NTMTC, CNT

Presentation Title: Feeding or Breathing? The Debate Over Feeding on Noninvasive Ventilation in the NICU

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

Explain the impact of noninvasive respiratory support on the oropharyngeal structures.

Identify non-feeding impacts of feeding on noninvasive respiratory support, potential impacts of delaying feeding, and methods to mitigate potential impacts of deferring feeding.

29. Presenters: Katelyn Brown, MS, CCC-SLP and Marissa Ward, MS, CCC-SLP

Presentation Title: In the Thick of It

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

Compare and rank viscosities of formulas and expressed breast milk used in the NICU to rank according to the IDDSI scale to strategically treat dysphagia.

Format progression of trials utilized in MBSS that can translate to prescribed EBM/formula for continuity of care beyond the radiology suite.

30. Presenter: Casey Lewis, MS, CCC-SLP, CNT, CLC, NTMTC

Presentation Title: Oral Feeding Decision-Making in a Level III NICU

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

Define process improvement areas that are necessary to improve multidisciplinary collaboration of a NICU feeding program.

Assess varying aspects of the Oral Feeding Decision-Making Diagram to further understand the intricate complexities of the initiation of oral feeding for the fragile neonate.

31. Presenter: Marinthea Richter, OTD

Presentation Title: Measures of Parent-infant Interaction in the NICU: Are they measuring what we think they are measuring?

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

Have a deeper understanding of the complexities related to assessing parent-infant interaction within the NICU.

Critically consider the role of a variety of sociodemographic, medical and NICU educational factors on interactions between parents and preterm infants in the NICU.



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32. Presenter: Marinthea Richter, OTD
Presentation Title: Acceptability of Volunteers in the NICU

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

Highlight existing evidence and provider perspectives on the potential use of volunteers to supplement sensory experiences for preterm infants in a level IV NICU.

When considering the use of volunteers in the NICU, several suggestions are highlighted to enhance provider comfort and willingness to consider hosting volunteers in the NICU



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