



## *NTMC Phase II On-Line Education Learning Objectives*



By the end of the webinar, the learner will be able to:

Webinar 1: Living a Great Story

- Objectives:
1. Name two possible neurodevelopmental outcomes of prematurity.
  2. Identify the purpose of the Just Be step in caregiving.

Webinar 2: Neonatal Theories

- Objectives
1. List two theoretical frameworks that underpin the concept of trauma-informed care in the NICU.
  2. Identify at least three evidence-based best practices that mitigate the trauma experience of the hospitalized infant and family.

Webinar 3: Brain & Sensory Development

- Objectives
1. Recognize two neurosensory vulnerabilities of the preterm and critically ill, hospitalized infant.
  2. List three methods to adapt care that positively support the ongoing development of the brain and sensory system.

Webinar 4: Neonatal Pain & Stress

- Objectives:
1. Identify two potential long-term effects of unmanaged pain in neonates.
  2. Name three pain management interventions/techniques to use in the NICU.

Webinar 5: Importance of Sleep

- Objectives:
1. Identify two interventions to protect and promote neonatal sleep.
  2. Recognize the 2016 AAP recommendations for a Safe Infant Sleeping Environment and the implications in the NICU

Webinar 6: Anatomy:: Bones & Muscles

- Objectives:
1. Name a possible developmental implication of a mis-shaped cranium.
  2. List two muscles of the neck or shoulder that often become tight in premature infants in the NICU.

Webinar 7: Positioning & Handling

- Objectives:
1. Recognize a common postural issue of prematurity and how positioning prevents this issue.
  2. List three functional activities affected by positioning.

Webinar 8: Infant-Driven Caregiving

- Objectives:
1. Identify four goals of Infant-Driven Caregiving.
  2. List three activities where 2-person caregiving is beneficial.





Webinar 9: The Parent Experience

- Objectives:
1. Recognize the traumatic experience of having a critically ill child in the NICU.
  2. Identify two strategies to meet the psychosocial needs of the NICU parent.

Webinar 10: Neonatal Skin & Touch

- Objectives:
1. Identify two factors in fetal skin development that influence care of the premature infant.
  2. Recognize the affective and discriminative touch pathways to the brain.

Webinar 11: Going Green in the NICU

- Objectives:
1. Define chemical body burden.
  2. List two potential adverse health effects of fragrances or preservatives found in body care products.

Webinar 12: The Lymphatic System

- Objectives:
1. Recognize the role of the lymphatic system and its mechanism of action for the NICU infant.
  2. List two positioning and handling interventions to support lymphatic activation for improved motor skill development.

Webinar 13: The Respiratory System

- Objectives:
1. List two major causes of lung injury in the newborn.
  2. Identify how positioning of an infant's head can affect ETT placement.

Webinar 14: Opioids in the NICU

- Objectives:
1. Identify two global and national trends in opioid use.
  2. Identify three non-pharmacologic interventions for management of Neonatal Abstinence Syndrome.

Webinar 15: Massage Literature Review

- Objectives:
1. Name three benefits of infant massage noted in the literature.
  2. Identify two articles that support massage as a means of infant-parent bonding.

