

OT Mastery

OT in the Neonatal Intensive Care Unit

1. What is one of the main reasons NICU support staff are so in demand?

- A. The number of babies born addicted to opioids is growing
 - B. OTs are being asked to specialize more frequently
 - C. OTs want to enter this area because it's fulfilling work
 - D. A growing number of children are being born with respiratory conditions
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2. Which of the following is NOT a reason that a baby may need care in the NICU?

- A. Prematurity
 - B. Jaundice
 - C. Neonatal Abstinence Syndrome (NAS)
 - D. Autism Spectrum Disorder
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3. At what point in the gestational period will a fetus be fully formed?

- A. Weeks 13-16
 - B. Weeks 9-12
 - C. Weeks 17-20
 - D. Week 36
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4. What two sensory systems are the first to emerge in utero?

- A. Tactile and proprioceptive
 - B. Olfactory and visual
 - C. Tactile and vestibular
 - D. Gustatory and olfactory
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5. The vestibular system is one of the first to develop in utero. At what point does this development begin?

- A. Weeks 5-8
 - B. Weeks 15-17
 - C. Weeks 8-10
 - D. Weeks 10-12
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6. How long can a newborn remain in the NICU?

- A. As long as there is a demonstrated need, they will never be asked to leave
 - B. As long as there is a demonstrated need, they can stay up until they are a year old
 - C. Up until 1 month of age
 - D. Up until 6 months of age
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7. As early as three days old, newborns can tell the difference between what two tastes?

- A. Sweet and bitter
 - B. Sweet and salty
 - C. Sour and bitter
 - D. Sweet and sour
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8. It is important that therapists know gestational milestones as well as developmental ones up through one year. At what age should a baby be expected to hold their own head up?

- A. 6 months
 - B. 2 months
 - C. 3 months
 - D. 4 months
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9. At what age do babies begin to recognize familiar people at a distance?

- A. 2 months
 - B. 4 months
 - C. 6 months
 - D. 5 months
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10. At what age does holding their head up, rolling over, and pushing up to their elbows while laying on their stomachs become a valuable and fairly well-developed skill?

- A. 3 months
 - B. 6 months
 - C. 4 months
 - D. 5 months
-

11. What reflex is elicited by stroking the corner of a baby's mouth?

- A. Moro reflex
 - B. Rooting reflex
 - C. Sucking reflex
 - D. Swallow reflex
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12. If a baby is demonstrating an age-appropriate Moro reflex, what will this look like?

- A. They will extend their head, arms, and legs, then pull the extremities back in, in response to a loud sound
 - B. They will flex then extend their arms, legs, and head in response to a loud sound
 - C. They will begin to press their feet into the ground as if they are walking
 - D. They will press their tongue to the roof of their mouth
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13. At what age does the grasp reflex become integrated?

- A. 2 years
 - B. 6 months
 - C. 3 months
 - D. 1 year
-

14. What reflex may be confused by parents as a baby's first steps?

- A. Stepping reflex
 - B. Grasp reflex
 - C. Startle reflex
 - D. Righting reflex
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15. If a newborn requires surgery to treat a congenital condition, what level NICU would they need?

- A. Level III
 - B. Level IV
 - C. Level II
 - D. Level V
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16. What is NOT an area that an occupational therapist educates NICU parents on?

- A. Social skills
 - B. Grief reactions
 - C. Positioning
 - D. Sensory development
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17. Which of the following is NOT a reason that a therapist would recommend infant massage to a parent?

- A. To promote wake cycles
 - B. To relieve pain and discomfort
 - C. To promote healthy bonding and attachment
 - D. To reduce crying or irritability
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18. What is NOT an example of an assessment used to evaluate pain in infants?

- A. PIPP
 - B. FLACC
 - C. NPASS
 - D. VAS
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19. Which vital sign has a normal range that is the same for infants and adults?

- A. Blood pressure
 - B. Body temperature
 - C. Respiratory rate
 - D. Heart rate
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20. Which of the following is NOT a method of relieving pain and discomfort in NICU infants?

- A. Non-nutritive sucking
 - B. Infant massage
 - C. Opioids
 - D. Mechanical ventilation
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21. What is the purpose of feeding infants sucrose or other sweeteners?

- A. To help improve their ability to bottle-feed
 - B. These liquids relieve pain by stimulating the same areas of the brain as opioids do
 - C. To help premature babies gain weight
 - D. These liquids are easier to swallow so they can be used for babies who have difficulty feeding
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22. What is the purpose of kangaroo care?

- A. It helps the gastrointestinal system to develop, which increases digestion and nutrient absorption in premature babies
 - B. Kangaroo care offers infants the ability to further open their airways, which improves their breathing
 - C. Skin-to-skin contact helps promote bonding and healthy attachment between a baby and their mother
 - D. This is intended to give NICU workers time to treat other babies since the babies getting kangaroo care are with their mothers
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23. Facilitated tucking is done in what position?

- A. Supine in a blanket with arms extended
- B. Side-lying flexed position

- C. Prone on elbows
 - D. Supine and wrapped in a blanket
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24. What is the best method for infant massage?

- A. Massage the entire body in long strokes but do not touch the face
 - B. Only massage the back of the body using short, quick strokes
 - C. Only massage the front of the body using short, quick strokes
 - D. Circular motions from the toes to the head
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25. What statement about infant massage is NOT true?

- A. No matter which way you do massage, it will be beneficial for the child
 - B. You need doctor clearance before beginning any massage
 - C. Start at the toes rather than the head
 - D. Only complete massage if the baby is alert, calm, and content
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26. Which of the following is NOT a piece of equipment used in the NICU?

- A. A radiant warmer
 - B. An incubator
 - C. A giraffe bed
 - D. A standard crib
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27. What is a bili-blanket used for?

- A. It is a specific type of bed that babies are placed in immediately after birth
 - B. It treats jaundice by providing light to the abdomen that helps the liver process bilirubin
 - C. It has a pacifier attached to it so the baby doesn't lose it in their bed
 - D. It is a blanket with gaps that allows them to be wrapped up despite having lines, tubes, and ports on their body
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28. Why might a baby need suctioning?

- A. They need humidified air to make it easier for their lungs to use
 - B. They cannot breathe on their own and rely entirely on a machine to do it for them
 - C. Their lungs are too weak to get rid of secretions, mucus, and phlegm
 - D. They cannot form an adequate suction on the bottle when feeding so they need a machine to help
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29. Which of the following is a device used alongside a ventilator to assist with breathing?

- A. Osteotomy
- B. Endotracheal tube

- C. Nasogastric tube
 - D. Ostomy
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30. What role do parents play in the treatment process?

- A. They are to visit and provide support when therapists are not present
 - B. They can help support staff in treating the baby
 - C. They are made a priority, since education/carryover at home is crucial to a baby's development
 - D. They are not allowed to visit in such overstimulating environments
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31. Which of the following is NOT a normal parental reaction to having a baby in the NICU?

- A. Pride
 - B. Guilt
 - C. Anger
 - D. Fear
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32. Is it within an occupational therapist's scope of practice to address a parent's emotions during this time?

- A. No; they should be referred to a counselor since occupational therapists cannot help manage emotions
 - B. No; they should be referred to a psychiatrist since occupational therapists cannot help manage emotions
 - C. Yes; these emotions are valid and should be addressed in some way because they can negatively impact the treatment process
 - D. Yes; sessions should focus entirely on discussing and processing emotions
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33. Why is breast feeding highly recommended in the NICU?

- A. It is easier than bottle feeding
 - B. Breast milk has antibodies that help build a baby's immunity
 - C. It is free
 - D. There is a lot of equipment in the NICU to help with breastfeeding
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34. What is NOT a way that a NICU baby might be fed?

- A. Bottle feeding
 - B. Breast feeding
 - C. Through an IV
 - D. Through a nipple shield
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35. What adaptive equipment may assist babies with poor sucking and swallowing abilities as they breastfeed?

- A. Modified bottle
 - B. Nipple shield
 - C. Modified pacifier
 - D. Artificial milk
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36. Why is positioning so important during feeding?

- A. It reduces reflux and eases pressure on the lungs
 - B. It counts as kangaroo care
 - C. It makes the baby more comfortable
 - D. It makes the mother more comfortable
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37. What can mothers do to improve their baby's ability to breast feed?

- A. Eat whatever feels right for them
 - B. Pump their breasts frequently until they are empty
 - C. Work out heavily
 - D. Always breast feed while standing
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38. What is NOT something a lactation consultant can help with?

- A. Recommending only bottlefeeding
 - B. Trying different consistencies of milk
 - C. Modifying calories
 - D. Helping babies latch when breastfeeding
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39. What is an indication that a baby might need a Modified Barium Swallow evaluation?

- A. They refuse to eat anything
 - B. They are too active or aroused when eating
 - C. They are falling asleep while eating
 - D. They are coughing while eating
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40. What is the car seat test?

- A. It tests if they can sit upright in a car seat without crying
 - B. It monitors the baby's interaction with the environment when sitting in a car seat
 - C. It monitors the baby's vitals when they are sitting upright
 - D. It tests parents' ability to safely use a car seat before the baby goes home
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