**FSU 3rd Year Students Nursery Experience Curriculum**

Course Prerequisites

Third year medical student; completion of first- and second-year medical school curriculums

Course Description

The 3rd year FSU students will spend one day in the Newborn Nursery at Winnie Palmer Hospital/Arnold Palmer Medical Center. The date will be arranged for each group of students by the Clerkship Director and Arnold Palmer Medical Center liaison.

Course Schedule

-To be assigned by the course coordinator

Course Expectations

-See 1-2 patients and present them on rounds

-Discuss with attending physician of issues related to pregnancy and perinatal period relevant to newborn care.

Course Goals

1. Become familiar with examination of a normal newborn.
   1. Complete assigned readings on topic prior to session.
   2. Group examination of a newborn with the attending physician or senior resident.
   3. Individual examination of a newborn supervised by attending physician or senior resident.
2. Become familiar with pre- and perinatal history taking.
   1. Complete assigned readings on topic prior to session.
   2. Experience collecting pre- and perinatal history from a mother of a newborn.
   3. Perform newborn physical exam
3. Become familiar with routine newborn pre-discharge care.
   1. Complete assigned readings on topic prior to session.
   2. Complete checklist of tasks related to a newborn’s pre-discharge care
   3. Participate in discussion with family around breastfeeding
   4. Assess a newborn for risk of jaundice.
4. Complete quiz related to assigned readings and discussion topics.

Reading List

*Please visit* [*https://www.hospitalpeds.com/*](https://www.hospitalpeds.com/) *for more articles and resources.*

1. Routine Newborn Care
   1. Newborn history and exam:
      1. Sanford Nursey Exam: <http://newborns.stanford.edu/Residents/Exam.html>
      2. AFP General Newborn Exam Part I: <https://867b8bd1-86a9-4608-8885-22f5ded6d780.filesusr.com/ugd/52380c_8696db65bed344adbb8fa2ce910ba669.pdf>
      3. AFP General Newborn Exam Part II: <https://867b8bd1-86a9-4608-8885-22f5ded6d780.filesusr.com/ugd/52380c_8696db65bed344adbb8fa2ce910ba669.pdf>
   2. Pre and perinatal history: see attached document
   3. Discharge criteria: AAP 2015 Hospital Stay for Healthy Newborn Infants: <http://pediatrics.aappublications.org/content/early/2015/04/21/peds.2015-0699.full.pdf+html>
2. Breastfeeding:
   1. “Is My Baby Getting Enough:” <https://www.lactationtraining.com/resources/educational-materials/handouts-parents?task=document.viewdoc&id=30>
3. Hyperbilirubinemia:
   1. PIR 2017: <http://pedsinreview.aappublications.org/content/38/11/499>
   2. BiliTool: <http://bilitool.org/>

Questions: (Answers on next page)

1. What treatment should mom receive before delivery if she is GBS+?
   1. IV Azithromycin once
   2. IV Ampicillin at least four hours before delivery
   3. IV Ampicillin once
   4. IV Azithromycin at least four hours before delivery
2. Which of the following is NOT a potential complication in an infant of a diabetic mother
   1. Jaundice
   2. Hyperglycemia
   3. Polycythemia
   4. Respiratory Distress Syndrome
3. Which of the following is a contraindication to breastfeeding in the US?
   1. Maternal use of methadone
   2. Maternal hepatitis C infection
   3. Maternal use of serotonin reuptake inhibitor
   4. Maternal HIV infection
4. Which of the following is a risk factor for jaundice?
   1. Coombs positivity
   2. G6PD
   3. Formula feeding
   4. A and B
5. What is the safest position for a baby to sleep to prevent Sudden Infant Death Syndrome?
   1. On their side
   2. On their back
   3. On their stomach
   4. A or B
6. What are risk factors for neonatal sepsis?
   1. GBS+
   2. Prolonged rupture of membranes
   3. Prematurity
   4. Maternal Fever
   5. All of the above
7. When should meconium first be passed by the newborn?
   1. By 12 hours of life
   2. By 24 hours of life
   3. By 50 hours of life
   4. By 72 hours of life
8. When should newborns be back at their birth weight?
   1. By 2 weeks of life
   2. By 3 days of life
   3. By 3 weeks of life
   4. By 1 week of life
9. If mother is HIV positive which medication should be given to the newborn by 6 hours of life?
   1. Nevirapine
   2. Ceftriaxone
   3. Rifampin
   4. Zidovudine
10. If mother is Hepatitis B positive, what should the baby receive?
    1. Hepatitis B vaccine and HBIG
    2. Hepatitis B vaccine
    3. HBIG
    4. None of the above
11. B
12. B
13. D
14. D
15. B
16. E
17. B
18. A
19. D
20. A