**4th Year Students Nursery Experience (Sub-Intern) Curriculum**

Sponsoring Unit

Department of Pediatrics

Winnie Palmer Hospital for Women and Babies, a division of Orlando Health

Course Director

Ryan Dean

Course Prerequisites

Fourth year medical student; completion core Pediatric rotation

Course Description

The fourth-year student will function in the role of sub-intern on the team. The student will be exposed to newborn nursery in a busy regional mother-baby hospital. Experiences will consist of direct patient care, lectures and discussions. The course is designed to solidify the student's knowledge of routine newborn care as well as common newborn problems.

Course Schedule

-4 weeks duration

-Mon-Fri 6am-6pm

Day One Meeting Place:

Graduate Medical Education, Medical Education Building,

86 W. Underwood Street, 1st Floor Lobby, 8:00 a.m.

Course Expectations

-See 4-5 patients/day as both admissions and daily progress evaluations

-Go to all resident conferences. The residents will have the most updated conference schedule.

-One presentation to the team on a pediatric topic of choice. This can be given any time and an attending does not have to be present.

Course Goals

1. Develop focused newborn perinatal history and newborn examination skills
2. Become familiar with routine newborn pre-discharge and discharge care.
3. Understand the presentation, diagnosis, and initial management of common newborn issues (see reading list below)
4. Demonstrate techniques in counseling children and their families, including patient education.
5. Demonstrate effective collaboration and communication skills as a member of a health care team.
6. Participate in care coordination and discharge planning.

Evaluations

Collective feedback from faculty/residents (70%), oral presentations (30%)

Faculty

David Skey, M.D. Jean Moorjani, M.D., Dr. Amanda Cooke, M.D., Dr. Jaya Surujdyal, D.O., Dr. Mariam Zeini, Dr. Suha Alkadry, Aodobi Okobi, M.D., Ryan Dean, M.D., Chief Residents

Availability and Credit

1 maximum per 4 week block

Available every period

100% of 4 weeks = 4 credits

Basic or Clinical Science: Clinical

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. 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. Hyperbilirubinemia:
   1. PIR 2017: <http://pedsinreview.aappublications.org/content/38/11/499>
3. Neonatal Sepsis Screening and Prevention:
   1. <https://neonatalsepsiscalculator.kaiserpermanente.org/> - review references
   2. Original Kaiser Study: <http://pediatrics.aappublications.org/content/128/5/e1155>
   3. AAP 2019 GBS Exposure Guidelines: <https://pediatrics.aappublications.org/content/144/2/e20191881>
   4. AAP 2013 Neonatal Sepsis Guidelines Summary: <http://pediatrics.aappublications.org/content/132/1/166>
4. Breastfeeding:
   1. Breastfeeding Essentials 2006: <http://pedsinreview.aappublications.org/content/27/11/409>
   2. “Is My Baby Getting Enough:” <https://www.lactationtraining.com/resources/educational-materials/handouts-parents?task=document.viewdoc&id=30>
5. Newborn Respiratory Disorders:
   1. PIR 2014: <https://pedsinreview.aappublications.org/content/35/10/417>
   2. TTN NeoReviews 2017: <http://neoreviews.aappublications.org/content/18/3/e141>
6. Infant of Diabetic Mother:
   1. NeoReviews 2010: <https://neoreviews.aappublications.org/content/11/11/e627>
7. Neonatal Drug Withdrawal:
   1. Maternal Polysubstance Abuse PIR 2018: <https://www.aappublications.org/content/39/11/550>
   2. NAS Review NEJM 2016: <https://867b8bd1-86a9-4608-8885-22f5ded6d780.filesusr.com/ugd/52380c_d908396db88149edbdcb5ee63841ebe3.pdf>
8. [Developmental](http://pediatrics.aappublications.org/content/105/4/896.full.html) Dysplasia of the Hip.
   1. PIR In Brief 2018: <https://www.aappublications.org/content/39/11/570>