

Curriculum for Medical students (M3) in the NICU (for 1 wk rotations)

Arrive at 7.30-8.00 AM every morning and are expected to stay until 12 pm (until 1:00p on Thursdays)

Meet with the fellow/senior resident who will give them a brief orientation on the first day and guide them to a few patients (1-2) to follow with a resident for the week.

Attend rounds with the attending neonatologists on service; students will be divided in two groups to round with each team.

Follow Pediatric residents/NNPs to the delivery room and observe management.

Medical students may not write orders or perform any procedures unless performed under strict supervision of the attending.

One day a week to round in well baby nursery (WBN) with Dr. Purvis (usually Friday)- perform well baby exam and learn about anticipatory guidance for parents of newborn babies

Goals of the rotation:

- Gather appropriate history from parents/guardians and Obstetricians; perform physical examination of a well or ill newborn.
- Acquire knowledge about illnesses of term and preterm infants including but not limited to seizures, jaundice, sepsis, hypoglycemia, feeding problems, cyanosis and respiratory disorders in a neonate and develop a differential diagnosis.
- Identify diseases detected by neonatal screening and understand the risk of maternal/fetal transmission of various infections including HIV.
- Identify key concepts used in clinical evaluation of gestational age (Ballard score) and physiologic stability (Apgar scores) at birth.
- Observe delivery room management of a neonate and identify routine medications and immunizations of a newborn
- Describe Neonatal abstinence syndrome and drug withdrawal symptoms.
- Be able to give anticipatory guidance to the parents, including information on breast milk feeding, normal feeding, bowel and sleep patterns, safe sleep strategies and use of car seat, immunizations and circumcisions.

Topics to be covered on rounds or didactics- Fetal to Neonatal transition, Respiratory distress, NAS, Breast feeding, jaundice, gestational age assessment, congenital infections and routine newborn exam.

Reading Materials (available in the NICU)- manual of neonatal care, orientation manual, selected articles.