

# Newborn Medicine

PE 480.99

## General Information

**COURSE CHAIR:** Alice Madani, MD & Evan Wiley, MD

**STUDENT COORDINATOR:** Calvin Lee

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**STUDENTS / PERIOD:** max 1

**DURATION:** 3 weeks

Please visit our [VSLO](#) catalog for dates and to submit your application.

## Requirement(s)

This elective is open only to MS4 students who have previously passed their pediatrics rotation.

## Description

Welcome to the Newborn Nursery 4<sup>th</sup> year elective at Cedars Sinai Medical Center where 6000-7000 newborns are delivered every year! Be at the bedside of newborn babies and participate in the initial steps of neonatal resuscitation with the pediatric neonatal resuscitation team. Attend acute calls for common newborn medical problems not limited to hypoglycemia and respiratory distress and provide thorough evidenced based medicine in the assessment and management of newborns from 36 to 42 week gestation. Students will work closely with Pediatricians as well as interact with lactation consultants, nurses, social workers, and a variety of other pediatric subspecialists. Additional education experiences include attending Pediatric Noon Conferences, weekly Department of Pediatrics Grand Rounds and Genetics Plagiocephaly clinic/teaching.

By the end of this elective, we aim for you to feel more comfortable with the assessment and management of newborns, hone in on general physician skills such as communication, clinical skills and critical thinking and complete a mandatory off day/fun day in Los Angeles!

## Course Objectives

1. Medical knowledge of newborn medicine physiology and pathology beginning with prenatal care, delivery complications newborn assessment and routine screenings.
2. Clinical skills in performing a thorough newborn exam.
3. Medical decision making in newborn assessment and management for sepsis, jaundice, hypoglycemia.
4. Oral presentation and medical record keeping.
5. Demonstrate the ability to communicate effectively with staff including counseling parents on neonatal prophylaxis.
6. Understanding the foundations of neonatal resuscitation including physiology and pathophysiology of fetal to neonatal transition, identifying associated perinatal risk factors and possessing general knowledge of Neonatal Resuscitation Algorithm including characteristics of effective teamwork.
7. Clinical skills and medical decision making when assessing a newborn at risk for abnormal transitioning which includes identifying abnormal exam findings, performing initial steps of resuscitation at the warmer and assigning APGAR's.

## Student Experiences

### COMMON PROBLEMS/DISEASES

- Newborn screening tests
- Neonatal jaundice
- Neonatal hypoglycemia
- Evaluation of suspected sepsis
- Respiratory distress
- Newborn discharge precautions
- Congenital anomalies
- Neonatal resuscitation program

**INPATIENT:** 100%

**PRIMARY CARE:** 100%



## Newborn Medicine

### Typical Schedule

Approx. # of Patients Evaluated/Week by Student	10-15
Approx. # of Patients Evaluated/Each Week by Service	40-50
Typical Monday	7:00 - 8:30 am Chart review, pre-rounding, and morning sign out 9:00 - 12:00 pm Bedside rounds and submission of note(s) 12:15 - 1:15 pm: Pediatrics noon conference/Lunch 1:15 - 4:00pm: Attend deliveries and acute calls 4:00 - 4:20 pm: Afternoon sign out
Typical Tuesday	7:00 - 8:30 am Chart review, pre-rounding, and morning sign out 9:00 - 12:00 pm Bedside rounds and submission of note(s) 12:15 - 1:00 pm: Lunch 1:00 - 3:00pm: Focused self-study on one objective 3:00 - 4:00pm: Genetics Plagiocephaly clinic
Typical Wednesday	7:00 - 8:30 am Chart review, pre-rounding, and morning sign out 9:00 - 12:00 pm Bedside rounds and submission of note(s) 12:15 - 1:15 pm: Pediatrics noon conference/Lunch 1:15 - 4:00pm: Attend deliveries and acute calls 4:00 - 4:20 pm: Afternoon sign out
Typical Thursday	7:00 - 9:00 am Chart review, pre-rounding, morning sign out, and Pediatric Grand Rounds 9:00 - 12:00 pm Attend deliveries and acute calls 12:15 - 1:00 pm: Lunch 1:00 - 4:00pm: Lactation/RN rotation
Typical Friday	7:00 - 8:30 am Chart review, pre-rounding, and morning sign out 9:00 am - 12:00 pm Bedside rounds and submission of note(s) 12:15 - 1:15 pm: Pediatrics noon conference/Lunch 1:15 - 4:00pm: Focused self-study on one objective 4:00 - 4:20 pm: Afternoon sign out
On-Call Schedule	One long call shift each week until 9pm
Weekend Activities	Off
Additional Comments/Special Requirements	Student to present 1 lecture on a newborn nursery topic of their choice in their final week of the rotation.