

NEONATOLOGY

Credit: All

Location: Women's and Childrens Hospital

Revised: 02/2009

Applications will be accepted beginning February 1st of Year III on a first-come, first-serve basis

PREREQUISITE: Pediatrics Core Clerkship

DURATION: 4 week (Selective), 3 week (Elective)

DATES OFFERED: All Year

Rotation scheduled: to begin any Monday

NUMBER OF STUDENTS: 1-4 students
(depending on census)

VISITING STUDENTS: Yes

INSTRUCTION:

40% Supervised Patient Care

30% Attending Rounds/Small group discussion

30% Lectures

SUPERVISION:

Elective:

50% Residents

30% Faculty

20% Fellows

Selective:

50% Residents

30% Faculty

20% Fellows

COURSE OBJECTIVES:

Students will be able to:

1. Describe the characteristics of the normal term newborn infant.
2. Assess the gestational age and physical characteristics of the healthy term newborn.
3. Discuss the pattern of normal fetal development and the impact of: normal labor and delivery, abnormal labor and delivery, and premature delivery on development
4. Discuss transitional changes that happen at the time of delivery and during the immediate neonatal period.
5. Describe the pathophysiology of diseases common to the prematurely born and term newborn infant.
6. Discuss the impact of neonatal illnesses on later development.
7. Discuss diagnostic and therapeutic procedures of neonatal care.
8. Communicate with parents or family members of the critically ill neonate and the psychosocial problems involved.
9. Describe opportunities in clinical research in neonatal medicine.
10. Participate in academic aspects of neonatal medicine through case presentation, discussion, literature search and attendance at lectures and conferences

Daily Schedule:

7:00 a.m. – 8:30 a.m.	Work rounds
9:00 a.m. – 9:30 a.m.	Radiology rounds
9:30 a.m. – 12:00 noon	Attending rounds
11:00 a.m. – 12:00 noon	On Tuesdays-Didactics
5:00 p.m. – 6:00 p.m.	Fellow sign out rounds

Call Schedule:

On call every fourth night.

DESCRIPTION:

This elective rotation in neonatal medicine will introduce the student to the unique physiologic and biochemical environment of the term and prematurely born newborn infant and allow them to relate this to the pathophysiology and treatment of the disease in the newborn.

EVALUATION:

Expectations of rotation will be discussed with student by residents, fellow or team attending at beginning of rotation. Students will be evaluated by the resident and/or attending faculty based on their daily performance.