

NEONATOLOGY

Credit: Selective A or Elective

Location: Women's and Childrens Hospital

Revised: 4/1/07

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

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REPORT TO: WCH, 4th floor NICU at 8:00 a.m.

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:

<i>Elective:</i>	<i>Selective:</i>
50% Residents	50% Residents
30% Faculty	30% Faculty
20% Fellows	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.

*Selective Attendance and Illness Policy

In order to insure adequate clinical exposure, no more than 3 days of excused absences (to include official Holidays) can be accepted during a selective. This policy does not imply that absences are guaranteed; absences may be excused at the discretion of the faculty. Absence due to illness must be reported to the faculty or his/her designee as soon as possible. In case of extended absence (2 days or more), a note from a physician (who is not a relative) is required and the absence will be reported to the Office of Student Affairs. A physician note may be requested for any absence, at the discretion of the faculty.

Students will generally be required to make up days before a passing grade can be assigned. All absences must be excused and any planned absence must be registered with the preceptor prior to the first day of the selective. Students should take vacation time if he/she anticipates a need for more than 3 absences during a selective. USMLE and BLS/ACLS will not be considered excused absences.