

ELECTIVE NAME:

Neonatology

COURSE NO:

PHD 604

PREREQUISITE:

Required Pediatric Clerkship

INSTITUTION:

Helen DeVos Children's Hospital

FACULTY: Drs. E. Beaumont, M. DeJonge, B. Doctor, A. Jones, J. Khawam, L. Radecki, T. Shaw

OBJECTIVES:

- The student will be able to assess a normal and a sick newborn.
- The student will be able to interpret the difference between normal and abnormal diagnostic tests and determine the probable pathological significance of abnormal tests.
- The student will note the principles of infant management and be able to write appropriate orders including feeding for the normal premature infant, for the infant who has problems of fluid and electrolyte balance, and the infant with respiratory problems, anemia, jaundice or bleeding.
- The student will develop practical skills of managing high risk infants such as starting an I.V. in a newborn infant, inserting umbilical venous or arterial catheters, intubating a newborn infant, and cardiopulmonary resuscitation.

DESCRIPTION:

In this clerkship the student will develop skills, shape attitudes and add to his/her knowledge of how to care for high risk infants. The student will have the opportunity for primary responsibility in the care and evaluation of infants admitted to intensive care. He or she will attend high risk deliveries and will perform physical exams on new admissions, make rounds with attending pediatricians and/or neonatologists, follow infants with special problems, etc. The student will receive teaching in basic physiological and pathological concepts necessary to develop an understanding of neonatal medicine .

EVALUATION:

Preceptor(s) will be asked to submit a written evaluation at the conclusion of the clerkship. Faculty are encouraged to provide ongoing feedback throughout elective rotations.