Y34 Neonatology (NICU)

Course ID: MED 797AD/997AD
Discipline: Medicine
Prerequisites: MED 850 Pediatric Clerkship
Available Sites: Detroit (Ascension St. John Hospital), Saginaw
Duration: 4 weeks

Description

The purpose of the Neonatal Clerkship rotation is to: to obtain a broad understanding of medical problems experienced by infants during the first month of life; acquire an understanding of, and appreciation for, prenatal care of high-risk patients; learn generally applicable principles in the NICU setting such as physiology, ethics and reading, critiquing, and applying the medical literature.

Key Objectives

- Demonstrate and apply the knowledge of the pathophysiology of common problems seen in the neonate, particularly those of cardio-respiratory nature in management of neonatal patients.
- Demonstrate the knowledge and some of the skills necessary for neonatal resuscitation including transitional physiology;
- Articulate the unique aspects of the physical examination of the premature and newly born full term infant;
- Obtain an accurate history of pregnancy and perinatal events relevant to the newborn
- Perform a gestational age determination and complete physical examination on term and preterm infants;
- Outline the assessment and management of LGA and SGA infants;
- Relate empathically with parents of patients and demonstrate appropriate concern for the patients.
- Describe the pathophysiology, diagnostic approach, and management principles for common diseases that occur during the neonatal period such as respiratory distress, sepsis, apnea, infections, metabolic derangements, and jaundice;
- Be responsible for the care of patients and demonstrate a commitment to learning about their problems.
- Describe the broad medical, social, and economic consequences of prematurity, including factors influencing, its incidence and the incidence of disorders unique to premature infants;
- Explain the effects of birth weight and gestational age on infant morbidity and mortality

Assessment Method

College of Medicine standard elective assessment will be completed by supervising faculty at conclusion of elective clerkship.

Scheduling Information

Interested students should contact CMU College of Medicine Department of Distributed Clinical Education at CMEDDCE@cmich.edu.