Elective Description

Campus:  Northwest Campus
Elective Title:  Neonatology
Department:  Pediatrics
Location of Elective:  Trnity Health Center, Medical Arts – Minot, ND

Preceptor(s):  Thomas Carver, DO
Period(s) offered:  All
Number of students per period:  1

Purpose:  To provide education and experience in the care of newborns.

Objectives:  Following successful completion of this elective, the student will be able to:
1. Perform physical examination and assessment of normal newborn as well as ill preterm and term newborns.
2. Demonstrate the principles of resuscitation and stabilization of the newborn.
3. Report common diagnostic and management problems of the ill newborn.
4. Demonstrate an understanding of fluid, electrolyte and nutritional management of both preterm and term infants.
5. Anticipate the expected complications of neonates born to mothers with high risk pregnancies.

Instructional Activities:  During this elective, the student will be involved in/experience:
1. Daily patient rounds in which the student is responsible for forming appropriate assessment and care plans.
2. Daily discussions of specific patient problems based on the reading and instructional assignments given to the student by the preceptor.
3. Attendance of c-section and high risk deliveries.
4. Common procedures performed in the setting of neonatal intensive care under the close supervision of the preceptor.
5. The calculation of enteral and parenteral nutritional requirements of the neonate.
6. Weekly core curriculum lectures.
7. A team approach (including family involvement) to the management of the ill neonate.

Criteria for Grading:  During and following this elective, the preceptor will:
1. Evaluate the quality of patient evaluations and daily notes.
2. Evaluate the quality of performance of the instructed procedures.
3. Evaluate the quality of oral and written presentations to the preceptor of assigned readings.
4. Utilize the standardized UNDSMHS senior elective evaluation form.

Reviewed January 2019