

## **Elective Description**

**Campus:** Southeast (Fargo)

**Elective/Experience Title:** Critical Care Medicine

**Location of Elective:** Sanford Health System – Fargo, ND

**Department:** Internal Medicine

**Course Number:** IMED 9221-01

**Preceptor(s):** Nabil Abouchala, MD; Ahmed Abuzaanona, MD; Baha Al-Abid, MD; Qasim Durrani, MD; Kyle Gronbeck, MD; Kara Johnson, MD; Hasrat Khan, MD; Mazen Kherallah, MD; Hani Lababidi, MD; Al Shana, MD; Charles Smith, MD; Gwen Thompson, MD, MPH; Sharleen Yuan, MD

**Period(s) Offered:** All

**Number of students per period:** 1

**Course Prerequisites:** Completion of Internal Medicine Clerkship

**Revised Curriculum Phase(s):** 2 & 3

**Purpose:** To increase the student's clinical skills in and knowledge of critical care medicine.

**Objectives:** Following successful completion of this elective, the student will be able to:

1. Apply cardiopulmonary physiology to the patient at the bedside
2. Describe use of physiologic monitoring in the critically ill patient
3. Discuss the ethical and social issues that affect the patient and family in critical care units
4. Describe the role of the physician as part of the ICU team
5. Describe the basic approach to the patient in medical crisis

**Instructional Activities:** During this elective, the student will be involved in/experience:

1. Daily ICU rounds in which the student is expected to be an active participant
2. Individualized bedside instruction (to include introduction to procedural skills)
3. On-Call (until 10 PM) patient care responsibilities under the supervision of the preceptor approximately every 4-5 days.
4. Daily critical care conferences
5. Review and discussion of preceptor selected reading materials

**Criteria for Grading:** During and following this elective, the preceptor will:

1. Utilize the standardized UNDSMHS senior elective evaluation form
2. Evaluate the student's oral description of how to stabilize a critically ill patient.
3. Evaluate the student's knowledge of the indications and limitations of commonly used monitoring devices, pulmonary artery catheters, arterial lines, and electrocardiography.
4. Evaluate the student's understanding of the processes of coping use by patients and families experiencing critical illness.
5. Evaluate by direct observation the student's ability to relate to and communicate with the other members of the ICU team, (pharmacist, respiratory therapist, nurses, clergy and any other individuals interacting with the critically ill patient.)
6. Evaluate the student's written documentation of ICU admissions and daily progress notes along with ICU discharge summaries.
7. Evaluate by direct observation the student's physical examination, data interpretation, and patient management skills as they relate to the critically ill patient.
8. Evaluate by direct observation the student's technical skills as they pertain to student performance of authorized procedures.