



Elective Description

Campus: Northwest (Minot)

Elective/Experience Title: General Surgery/Orthopedic 4th Year Experience

Location of Elective: Mercy Specialty Clinic – Williston, ND

Department: Surgery

Course Number: SURG 9495-02

Preceptor(s): **General Surgery (2 weeks)**
Wayne Anderson, MD

Orthopedic Surgery (2 weeks)
TBA

Period(s) Offered: All

Number of students per period: 1 student per period

Course Prerequisites: Surgery Clerkship

Revised Curriculum Phase(s): 2 & 3

Purpose: To provide education and experience in the care of patients requiring general or orthopedic surgery services.

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

1. Demonstrate orthopedic and general surgery skills and knowledge beyond that expected of a third year student.
2. Perform basic suturing and placement of central lines.
3. Demonstrate skills required to function as a first year resident.
4. Discuss the principles of fracture management including the correct and safe application of casts.
5. Demonstrate the proper assessment of selected musculoskeletal injuries.

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

1. The peri-operative management of general surgical patients.
2. Fluid and electrolyte management of surgical patients.
3. Evaluation and management of surgical patients in the emergency room.
4. The application of casts in fracture management.
5. The evaluation and management of orthopedic injuries.
6. The appropriate assessment of musculoskeletal diseases seen in an orthopedic practice.

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

1. Evaluate by direct observation the clinical skills of the student in the clinic and hospital including the operating room.
2. Evaluate by direct observation the student's professional behavior and interaction with nurses, other students, residents and faculty.
3. Evaluate by direct observation the student's ability to perform a complete assessment of common musculoskeletal injuries and the quality of the student's skill in cast application.
4. Evaluate the student's ability to perform preoperative histories and physical examinations.
5. Evaluate the student's skills in basic postoperative management of surgical patients.
6. Utilize the standardized UNDSMHS senior elective evaluation form.