

Elective Description

Campus: All Campus (Fargo)

Elective/Experience Title: Surgery Simulation Boot Camp

Location of Elective: Sanford Health/VA Medical Center – Fargo, ND

Department: Surgery

Course Number: SURG 9501

Preceptor(s): Robert Sticca, MD
Kayla Burchill, MD

Corey Kroetsch, MD
Mark Jensen, MD

Jay MacGregor, MD
Thomas Wambach, MD

Period(s) Offered: Periods 10 & 11

Number of students per period: Minimum 2 & Maximum 4

Purpose: To prepare 4th year students who intend to enter a residency in a surgical field.

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

1. Assume a key role to assess and manage basic surgical problems.
2. Write pre and post-operative orders.
3. Demonstrate knowledge of the role of the PGY1 resident in the surgical team.
4. Perform effectively team member functions in critical situations.
5. Perform basic surgical skills/ knots, tubes and lines, basic laparoscopic skills.

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

1. Basic surgical skills lab, placement of chest tubes, lines, and airway support, and basic laparoscopy.
2. Participate in clinical simulations of critical scenarios as a member of a multidisciplinary team.
3. One half of the 4 week rotation on a surgical teaching service and the other half in a laboratory experience emphasizing simulation.
4. Management of complex scenarios in hospital and in the simulation lab and writing pre- and post-operative orders.

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

1. Evaluate the ability of the student to meet performance goals for manual skills set by the preceptor.
2. Evaluate through direct observation and testing at the end of the rotation knowledge of surgical skills learned during the rotation.
3. Evaluate knowledge of surgery through an oral examination using the American Board of Surgery format.
4. Evaluate knowledge of surgery through a written examination using the American Board of Surgery format.
5. Utilize the standardized UNDSMHS senior elective evaluation form.