

Elective Description

Campus: Southwest (Bismarck)

Elective/Experience Title: Outpatient Anesthesia & Pain Management

Location of Elective: Pain Treatment Center - Bismarck, ND

Department: Surgery

Course Number: SURG 9124

Preceptor(s): Attas Boutrous, MD

Period(s) Offered: All

Number of students per period: 1

Course Prerequisites: Completion of Surgery Clerkship

Revised Curriculum Phase(s): 2 & 3

Purpose: Provide education and experience in the care of patients requiring anesthesia and/or pain management services in the outpatient setting.

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

1. Evaluate surgical patients to stratify operative risks including pediatric and geriatric patients.
2. Define the basics of general anesthesia, regional anesthesia and pain management techniques.
3. Assist the anesthesiologist in managing patients under anesthesia including airway, intravenous access, central lines, fluids, electrolytes, and acid base.
4. Describe the impact of anesthetic drugs on normal physiologic processes.
5. Complete a detailed preoperative assessment.

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

1. Evaluating pre-surgical anesthetic and post-operative care of patients.
2. Performing standard techniques used to control postoperative pain under the supervision of the preceptor.
3. Performing local and regional anesthesia in the management of patients under the supervision of the preceptor.
4. Participating in focused discussion with the attending physician anesthesiologist regarding how altered physiologic disease states or specific surgical techniques affect the management of the anesthetized patients.

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

1. Evaluate by direct observation the student's skills in performing complete and accurate examination of the pre-surgical patient prior to administering anesthesia.
2. Evaluate by direct observation and feedback received from the surgical and nursing staff the student's professionalism and communication skills.
3. Evaluate by direct observation the student's ability to perform the skills involved in the administration of local and general anesthesia.
4. Utilize the standardized UNDSMHS senior elective evaluation form.