

Elective Description

Campus: Southeast (Fargo)

Elective/Experience Title: Pediatric Surgery

Location of Elective: Sanford Children's Hospital – Fargo, ND

Department: Surgery

Course Number: SURG 9233

Preceptor(s): Scott Engum, MD & Johanna Askegard-Giesmann, MD

Period(s) Offered: All periods

Number of students per period: 1 student

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

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

1. Recognize the basic pathophysiology, to efficiently evaluate, and to apply basic concepts of surgical care and/or intervention to common pediatric surgery disorders.
2. Efficiently and thoroughly interview and examine patients with common pediatric surgical diseases and to formulate basic patient care plans.
3. Identify the rigors and rewards of a general surgery residency and career while participating as a member of the health care team.

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

1. Assisting with preoperative and postoperative care of pediatric surgical patients and participating with the preceptor in daily rounds and outpatient clinics.
2. Scrubbing in the operating room in the role of first assistant, participating in instructional activities related to basic surgical techniques, and surgical interventions.
3. Experiencing the management of infants and children with congenital anomalies, cancer and trauma.
4. Learning the qualitative and quantitative differences between infants and children as compared to the adult in regard to surgical management.
5. Attending didactic lectures.

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

1. Evaluate by direct observation the student's understanding of assigned reading.
2. Evaluate by direct observation the student's professionalism.
3. Evaluate by direct observation the quality of the student's clinical and surgical skills.
4. Utilize the standardized UNDSMHS senior elective evaluation form.