

Elective Description

Campus: Southwest (Bismarck)

Department: Surgery

Elective/Experience Title: Plastic and Hand Surgery

Course Number: SURG 9123-01

Location of Elective: Aesthetic Center of Plastic Surgery-Bismarck, ND

Preceptor(s): Rick Paulson, MD

Course Prerequisites: Surgery Clerkship Completion

Period(s) Offered: All

Revised Curriculum Phase(s): 2 & 3

Number of students per period: 1

Purpose: To provide education and experience in the care of patient requiring hand surgery, plastic surgery or cosmetic surgery services.

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

1. Identify topographical regional anatomy and its relationship to surgical problems (Competency 2.3).
2. Execute accurate and thorough histories and physical examinations of patients presenting for plastic or cosmetic surgery (Competency 3.1).
3. Generate differential diagnoses and treatment plans for plastic surgery or cosmetic surgery patients (Competency 3.3, 3.4).
4. Adopt consideration of physiologic principles of wound healing and potential surgery complications during patient care (Competency 2.2, 2.6, 2.7, 3.5).
5. Execute post-hospitalization evaluations of plastic surgery or cosmetic surgery to assess surgical outcomes and patient satisfaction (Competency 3.1, 3.9).
6. Choose to work effectively with the interdisciplinary team in assisting in the care of the plastic surgery or cosmetic surgery patient (Competency 4.2, 7.3, 7.4, 7.5).
7. Summarize inclusion and exclusion criteria for plastic surgery procedures (Competency 3.3, 3.4).
8. Execute appropriate cosmetic skin closure under attending supervision (Competency 3.6).
9. Choose to provide empathetic and sensitive care for aesthetic patients seeking plastic surgery services (Competency 3.9, 5.1, 5.5).

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

1. Participating in patient care in clinic and hospital settings.
2. Assisting the preceptor in the operating room
3. Observing and participating in diagnostic procedures
4. Discussing with the preceptor the reading assignments from texts, including online medical literature.

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

1. Utilize the standardized UNDSMHS senior elective evaluation form.
2. Evaluate by direct observation the student's ability to accurately and thoroughly take histories and perform physical examinations and formulate appropriate treatment plans. (Objective 2 and 3)
3. Evaluate by direct observation the student's knowledge of the basic management of common plastic surgery or cosmetic surgery conditions. (Objective 3 and 4)
4. Evaluate by direct observation the student's professionalism and ability to provide empathetic and sensitive care. (Objective 9)
5. Evaluate student's knowledge of hand, breast, extremity, and other body areas by discussion of anatomy case by case in the operating room and directly observe the student's ability to perform suture closure of skin on these areas (Objective 1 and 8)
6. Evaluate by direct observation the student's ability to discuss with a patient and report the patient's outcome and satisfaction with said outcome at postoperative clinic appointments (Objective 5)
7. Evaluate by direct observation the student's interactions with staff in the clinic, operating room, and on the hospital wards (Objective 6)
8. Evaluate by direct observation the student's interactions with patients in clinic and the information reported by the student regarding patients' indications for surgery (Objective 7 and 9)