

Elective Description

Campus: Northeast (Grand Forks)

Elective/Experience Title: Dermatologic Surgery and Cutaneous Oncology

Location of Elective: Altru/Truyu Aesthetic Center – Grand Forks, ND
(3165 Demers Ave)

Department: Internal Medicine

Course Number: IMED 9325-02

Preceptor(s): Katie Shahwan, MD

Period(s) Offered: all

Course prerequisites: Recommended to have taken Surgery & Internal Medicine Clerkships but not required

Number of students per period: 1

Revised Curriculum Phase(s): 2 & 3

Purpose: To increase the student's knowledge and clinical skills in dermatologic surgery and cutaneous oncology.

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

1. State Descriptions of skin lesions, including primary and secondary lesion morphologies. (2.1, 2.2)
2. Classify a wide variety of benign, pre-malignant, and malignant cutaneous lesions. (2.1, 2.3, 3.3)
3. State and/or summarize the etiology, pathogenesis, and treatment options (both medical and procedural) of common benign, pre-malignant, and malignant skin lesions. (2.1, 2.2, 2.5, 2.6, 3.2, 3.3, 3.4)
4. Execute an appropriate history and physical of patients presenting for evaluation of skin lesions and/or for dermatologic procedures, including full body skin examinations and dermoscopic evaluation. (3.1)
5. State the basic tenants of Mohs micrographic surgery including appropriate use, harvesting and processing Mohs layers, frozen section histopathology, cutaneous reconstruction, and perioperative care. (2.6)
6. Execute with appropriate supervision basic procedures of dermatology (such as cryotherapy, skin biopsies, ED&Cs, and suturing), and serve as first-assistant on more advanced dermatologic procedures (such as excisions, Mohs surgery, flaps, and grafts). (3.6)

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

1. Obtaining dermatologic histories and performing physical exams, including skin checks and dermoscopy.
2. Taking part in pre-operative consultations and post-operative wound checks for dermatologic surgery patients.
3. Basic dermatologic procedures including cryotherapy, skin biopsies, ED&Cs, and excisions under appropriate supervision.
4. Mohs micrographic surgery and advanced cutaneous reconstruction, including skin flaps and grafts under appropriate supervision.

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 describe skin lesions using primary and secondary morphology terms (*Objective 1*).
3. Evaluate by direct observe the student's ability to recognize and classify common skin lesions and describe their etiology, pathogenesis, and treatment options (*Objective 2, 3*).
4. Evaluate by direct observation the student's ability to perform an appropriate history and physical examination on dermatology patients (*Objective 4*).
5. Assess by direct observation the student's knowledge of and skills in performing and assisting with dermatologic procedures (*Objectives 5, 6*).