

Elective Description

Campus: Southwest (Bismarck)

Elective/Experience Title: Oncology & Hematology

Location of Elective: Mid Dakota Clinic & Sanford Health – Bismarck, ND*

Department: Internal Medicine

Course Number: IMED 9104

Preceptor(s): Hermina Fernandes, MD; Thandiwe Gray, MD; Peter Kurniali, MD; Aaron Luebke, MD

Period(s) Offered: all

Number of students per period: 1

Course prerequisites:

Revised Curriculum Phase(s): 2 & 3

Purpose: To increase the student's clinical skills and knowledge in medical oncology.

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

1. Effectively interview and appropriately complete physical examinations on oncology patients.
2. Efficiently assess clinical problems and develop an appropriate problem list.
3. Describe the general principles of oncology--including the etiology of solid tumors and hematologic malignancies, cancer biology, cancer pathophysiology, cancer symptoms, and cancer treatment planning.
4. Describe chemotherapy principles including clinical pharmacology, chemotherapeutic administration approaches, and drug toxicities.
5. Perform selected procedures appropriate to oncology as directed by the preceptor.

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

1. Daily patient care rounds involving discussion of inpatients and case presentation at tumor board.
2. Evaluation and written work up of oncology outpatients
3. Instruction on outpatient chemotherapy administration
4. Participation in procedures, review of images, and other aspects of oncology patient care as directed by the preceptor.
5. Attendance at hospice departmental meetings.
6. Instruction in palliative care in oncology.

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

1. Following the student's successful (note: the student must have a satisfactory rating or above on the clinical competencies listed in the fourth year student clinical performance evaluation to be given credit for the elective), the preceptor will utilize the standardized UNDSMHS senior elective evaluation form.
2. Directly observe the student's daily clinical activities including: written histories and physicals, physical examination skills, clinic notes, consultation notes, procedural skills, and therapy plans.
3. Review the student's background reading on problems specific to their assigned patients and directly observe the student's ability to answer questions pertinent to the student's background reading.
4. Directly observe the student's "360" communication skills.