

Elective Description

Campus: Northwest (Minot)

Department: Internal Medicine

Elective/Experience Title: Oncology

Course Number: IMED 9410

Location of Elective: Trinity Cancer Care Center – Minot, ND

Preceptor(s): Stephen Makoni, MD

Madhu Unnikrishnan, MD

Pat Watanaboonyakhet, DO

Period(s) Offered: all

Course prerequisites:

Number of students per period: 1 -2 pending approval of preceptor

Revised Curriculum Phase(s): 2 & 3

Purpose: To provide education and experience in the care of patients requiring oncology services.

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

1. Discuss current cancer screening guidelines for breast cancer, prostate cancer, cervical cancer, testicular cancer, colon cancer, and lung cancer.
2. Describe the basics of cancer staging and its importance in determining cancer therapy and prognosis.
3. Describe the role of surgery, radiation therapy, and chemotherapy in the treatment of cancer and the importance of multidisciplinary management in the outcome of cancer treatment.

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

1. Daily teaching rounds.
2. Consultation, radiation treatment simulation analysis, radiation planning, and radiation treatment.
3. The management of acute radiation side-effects for patients actively on treatment.
4. The review of the clinical research program under the supervision of the data manager.
5. Seeing patients in consultation for therapy and in follow-up after treatment.
6. Observing chemotherapy preparation and delivery.
7. Cancer conferences that address multidisciplinary cancer care.
8. Daily working oncology conference for patients receiving sequential and concurrent chemotherapy and radiation therapy.
9. Oncology lectures provided by the medical/radiation oncologist. These occur at noon and there will be eight of these performed on topics generally related to oncology.
10. Monthly oncology research meeting for selection of new protocols, updates of existing open protocols and safety reports.
11. Hospital cancer committee meeting to receive an introduction to a multidisciplinary meeting on the many aspects of cancer care in an approved cancer facility.
12. Case presentation at cancer conference of patient in which student has been involved.

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

1. Utilize the standardized UNDSMHS senior elective evaluation form.
2. Evaluate the quality of the student's documentation of histories, physicals and consultations.
3. Evaluate by direct observation the student's ability to clearly identify disease processes and pathophysiology.
4. Evaluate the student's overall knowledge, clinical skills, communication skills, and patient management skills in hematology/oncology.