

Title of Clerkship: Radiation Oncology Elective – UTMC

Elective Year(s): Fourth Year Elective

Department: Radiation Oncology

Type of Elective: Clinical Non-Clinical/Research Basic Science

Clerkship Site: N. Eleanor Dana Cancer Center

Course Number: RDON 701

Blocks Available: All

**Number of Students/
Block:** 1

Faculty Krishna Reddy, M.D., Ph.D; Changhu Chen, M.D.; E. Ishmael Parsai, Ph.D.; David Pearson, Ph.D.

**Elective Description/
Requirements:** Students will participate or observe inpatient/outpatient functions including clinical and surgical procedures. Clinic hours are 8:00 a.m. – 4:30 p.m., Monday through Friday without exception. Absence from the clinic must be pre-authorized. Students are provided one-on-one instruction throughout their clinical rotation. Attendance at weekly Tumor Conferences is expected.

Length of Clerkship: 4 weeks

Links to Core

Competencies:

MK1-5, 7-10, 14, 16; PB 1-8; PBL 1, 4, 5, 7; SBP 1-5

MK 5,7,11,14; PC1-3, 7; PB 1-8; IPC 1, 3, 4; PBL 1-4, 7; SBP 1, 5

MK 5,7,11,14; PC 1-4, 7, 10, 11; PB 1-8; IPC 1, 2; PBL 4, 6; SBP 5

MK 1-5, 7-10, 14, 16; PB 1-8; PC 7, 8, 11; PBL 4, 5, 7; SBP 1-3, 5

PB 1-8; PC 11; IPC 1-4; PBL 1-3, 6; SBP 1, 5

MK 7; PB 1-8; IPC 2; PBL 4-7; SBP 5

Educational Course Objectives: At the conclusion of the rotation, the student will be able to:

1. Demonstrate adequate knowledge of the basic principles of multidisciplinary oncology care, and understand the roles of radiation therapy in cancer treatment
2. Participate in the clinical evaluation of a patient (which may include taking a clinical history, performing a focused physical examination when appropriate, and interpreting radiographic and laboratory studies)
3. Demonstrate the ability to organize, interpret and present patient data (history/exam, radiographic and laboratory studies)
4. Understand the basics of the diagnostic work-up, staging and approach to treatment for selected common malignancies
5. Consistently demonstrate professionalism/enthusiasm and relate well with patients, staff and colleagues
6. Perform a focused literature review on a topic selected with the attending physician, and make a 20-30 minute evidence-based presentation to the department at the end of their elective

Professionalism:	UT/COM students will meet or exceed the institutional standards for professionalism as stated in the current Educational Program Objectives and the current Educational Course Objectives for the Sponsoring Department.
Instructional Methods:	<ol style="list-style-type: none">1. Participate in weekly chart rounds2. Attendance at the Tumor Board and other interdisciplinary activities.3. Interaction with patients, including rapport and communication skills.4. Oral presentation of literature reviewed.5. Interaction with the healthcare team.6. Didactic course in Physics of Radiation Therapy.
Evaluation Methods:	<ol style="list-style-type: none">1. Clinical Evaluation2. Presentation at end of rotation
Prerequisites:	Successful completion of years 1 & 2 and a passing score on USMLE Step 1.
Clerkship Director:	Krishna Reddy, M.D., Ph.D., Assistant Professor
Clerkship Coordinator:	Tiffany Akeman, MPH
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Special Requirements:	None