

Course: Surgical Oncology Course Number SUR 2105

Department: Surgery

Faculty Coordinator: Rohit Sharma, M.D.

Contact Person: Kayla Philip and Mandi Hebert

Hospital: (Location of rotation) PHHS/ CUH

Periods Offered: All

Length: 4 weeks

Max # of Students: 4 (Includes MS2/MS3 from SUR 1808 clerkship)

First Day Contact: Resident 5 -call for time and place 214.648.5870

First Contact Time: Resident 5 -call for time and place 214.648.5870

First Day Location: Resident 5 -call for time and place 214.648.5870

Prerequisites: Must successfully complete MED 1801, OBG 1807 & SUR 1808 prior to enrollment

Course Description:

To gain in-depth exposure to the natural history, diagnosis, and multidisciplinary treatment of neoplasms involving the skin, soft tissue, and gastrointestinal tract. The experience can be organized around several individual educational objectives.

Goals (<i>examples-edit as needed</i>)	Objectives (<i>describe activities that will support how goals are to be achieved</i>)	Assessment methods (<i>examples-explain how student will be evaluated</i>)
Patient Care: Assessment and Management 1. <i>Students will demonstrate the knowledge, attitudes and skills necessary to perform appropriately focused and accurate histories and physical assessments and document the findings accurately in the health record.</i> 2. <i>Students will assist in development of</i>	<ul style="list-style-type: none">• To understand the role of surgery in the contemporary practice of multimodality therapy for cancer;• To become familiar with the workup and diagnosis of patients with either known or suspected malignancy;• To gain exposure to the unique physiologic and emotional needs of patients with malignancy and to begin developing a	<ul style="list-style-type: none">• <i>Quality of Medical Records entries</i>• <i>Skills evaluation from direct observation.</i>

<p><i>evaluation and treatment plans, and take responsibility for implementation.</i></p>	<p>strategy for treating patients with cancer;</p> <ul style="list-style-type: none"> • To assist with some of the interesting operations performed by surgical oncologists including complex gastrointestinal resections, radical soft tissue resections, and imaging-directed lymph node sampling; • To become familiar with the image-based techniques (CT scan, MRI, mammogram, PET scan, octreotide scan, angiograms, etc.) commonly interpreted by surgical oncologists in the course of treating patients. 	
<p>Medical knowledge:</p> <ol style="list-style-type: none"> 1. <i>The Student will be able to explain common conditions in surgical oncology.</i> 2. <i>The student will know how to assess and manage common complaints in surgical oncology.</i> 3. <i>The student will know the pathophysiology of common surgical problems in surgical oncology.</i> 	<ul style="list-style-type: none"> • Enhance students' ability to integrate and apply their basic knowledge of surgical disease and principles to solving patient problems • Encourage students to broaden knowledge through independent study tools, reading assignments, and topic presentations 	<ul style="list-style-type: none"> • <i>10 minute oral presentation</i> • <i>Presentation of patients on rounds</i> • <i>Answering questions during operative cases and clinic</i> • <i>Progress notes and history and physical exam notes including assessment and plan</i>
<p>Interpersonal and communication skills:</p> <p><i>The students will effectively exchange information with patients, families, consultants and the team, including nurses, faculty, residents and ancillary staff.</i></p>	<ul style="list-style-type: none"> • Demonstrate communication with families and patients in the peri-operative setting • Guide the student in obtaining informed consent for procedures <p>Model communication of bad news to patients and families</p>	<ul style="list-style-type: none"> • <i>Observations of faculty and staff</i>

Practice Based learning and Improvement: <i>Students will demonstrate the ability to assimilate scientific evidence and improve patient care practices.</i>	<ul style="list-style-type: none"> • Expose the students to quality assurance programs • Demonstrate clinical decision making and review that is evidence-based • Guide the student in assessment of outcomes 	<ul style="list-style-type: none"> • 10 minute oral presentation • Critical review of a relevant article
Professionalism: <i>Students must demonstrate a commitment to carrying out professional responsibilities, adherence to ethical principles, and sensitivity to a diverse patient population</i>	<ul style="list-style-type: none"> • Demonstrate to the students a respect and compassion for each individual patient • Expose the students to ethical dilemmas, encouraging analysis and personal reflection • Demonstrate integrity in all aspects of the surgical practice 	<ul style="list-style-type: none"> • Observations of faculty and staff

II. Methods of Instruction:

A. Didactic: Mandatory Conferences when not in conflict with operative or clinic schedule

Contact for schedules: christina.rodriguez@utsouthwestern.edu

B. Clinical (schedule, faculty teaching, housestaff teaching):

Students will be active members of the Parkland Hospital Surgical Oncology team. They will be expected to round with the Surgical Oncology residents each morning and follow individual patients at the discretion of the Chief Resident.

Flexibility will set this senior medical student rotation apart from the third year surgical oncology rotations. When approved by the senior resident on the Surgical Oncology team at Parkland Hospital, fourth year students may attend clinics and operations at St. Paul/Zale-Lipshy University Hospitals when attended by faculty within the Division of Surgical Oncology. Students attending clinics and cases outside of Parkland will be expected to notify the senior resident of their whereabouts and to be available to return to Parkland Hospital if their attendance is required.

III. Overview of student responsibilities

As mentioned above, students will be active participants on the Parkland Surgical Oncology team. Students will be expected to round with the residents and third year students on the Surgical Oncology service. Students will be expected to function as junior interns and be directly under the supervision of the Surgical Oncology Chief Resident and junior resident/intern on the

service. The student will be expected to present patients at morning rounds, faculty rounds, and teaching rounds. Students may be asked to present a journal article at the Wednesday Educational conference with the supervision of one of the Surgical Oncology faculty.

IV. **Method of evaluation of students and requirements:**

There will be no formal test at the conclusion of the month. Students will be evaluated by the faculty and residents who have contact with the students on the last Friday of the month at the afternoon St. Paul teaching rounds. A single grade will be granted for each student based upon the consensus opinion of the residents and faculty of a **pass or fail**. Students will be evaluated on the basis of their dependability, enthusiasm, knowledge base, quality of oral presentations and patient notes, professionalism, and teamwork while on the Surgical Oncology team