UPDATED: July 2009

ROTATION: SURGICAL ONCOLOGY (C Surgery)

ROTATION DIRECTOR: Fritz Eilber, M.D.

CHIEF OF SURGICAL ONCOLOGY: James Economou, M.D., PhD.

SITES: UCLA Medical Center - Westwood

GOALS:
Gain exposure in the care and management of patients with breast cancer, pancreatic cancer, colon cancer, liver cancer, gastrointestinal cancer, melanoma, and sarcoma.

LEVEL OF TRAINEE: R1

ASSESSMENT:
Monitoring of the accomplishment of the stated objectives will be performed using the following methods:

1. Global Rating: end of rotation evaluation of resident performance to assess the resident’s demonstration of Core Competencies with respect to the stated objectives by faculty, other team resident members, students, and nursing staff.
2. Case Logs: auditing of operative cases pertinent to the specialty in the Surgical Operative Log.
3. Written Examination: performance on the annual ABSITE examination, Cardiovascular and Respiratory systems section.
4. Patient Survey: performance will be assessed by patient surveys administered though the rotation.

DESCRIPTION OF THE ROTATION:

The Surgical Oncology (C Surgery) will consist of a 1 month in R1, 2 months in R3, and 3 months in the R5 years.

1. The surgery residents will provide in-patient care including routine admissions and critical care of the surgical oncology patients.
2. Residents will further participate in surgical operations needed on these patients under direct supervision by the surgical faculty.
3. The rotating residents will participate in all Department of Surgery educational conferences and didactic presentations.
4. Residents are expected to actively participate and present at the weekly Multidisciplinary Surgery Conference and twice monthly Sarcoma Conference.
R1 RESIDENT

COMPETENCY BASED LEARNING OBJECTIVES

**Patient Care:**

1. Perform a complete and thorough history and physical examination, with emphasis in elements unique to surgical oncology patients.
2. Initiate the laboratory evaluation and any other initial diagnostic studies with an understanding of the tests to be ordered.
3. Make informed decisions about diagnostic and therapeutic interventions on surgical oncology patients with the guidance of senior residents and faculty.
4. Be proficient in the preoperative preparation of the patients for surgery and routine postoperative care.
5. Understand basic pathophysiology of oncologic illness and begin to master the skills necessary to care the patient under the guidance of the senior residents and faculty members.
6. Understand the basic indications for common radiological and interventional studies used in the care of oncology patient such as CT scans, MRI, and PET CT.
7. Demonstrate the ability to effectively set priorities and coordinate the care of the cancer patient.

**Medical Knowledge:**

1. Outline the appropriate usage of tumor markers, tumor excretory metabolites, and diagnostic cytologic techniques.
2. Describe the principles of surgical technique for operative procedures designed for cure of malignant diseases.
3. Gain understanding of the multidisciplinary management of the cancer patient.
4. Understand the surgical options for venous access and oncologic care, and their risks/ complications.

**Practice Based Learning:**

1. Develop a personal program of self-study and professional growth with guidance from the teaching staff and senior residents. An understanding of the etiology, pathogenesis, pathophysiology, diagnosis and management of cancer disorders will allow for sound surgical judgment, which relies on knowledge, rational thinking and the surgical literature.
2. Utilize current literature resources to obtain up-to-date in information in the care of cancer patients and practice evidence-based medicine.
3. Participate in teaching and organization of the educational weekly surgery and sarcoma conference.
UCLA General Surgery Residency Program
Rotation Educational Policy
Goals and Objectives

4. Participate in activities of the Department of Surgery (including all teaching conferences) and assume responsibility for teaching and supervision of subordinate surgical house staff, and medical students.

5. Participate in the Department Morbidity & Mortality conference and utilize information to further improve patient care.

6. Participate in daily teaching rounds and be able to present patients in an organized and complete fashion

Professionalism:

1. Practice compassionate patient care maintaining the highest moral and ethical values with a professional attitude.

2. Demonstrate understanding of the needs and feelings of others, including the patient's family members, allied health care personnel (nurses, clerical staff, etc.), fellow residents, and medical students.

3. Communicate and collaborate effectively in a team of health care providers.

4. Demonstrate respect, compassion and integrity in the care of cancer patients on a daily basis.

5. Demonstrate mature and educated approach to Ethical issues commonly encountered in a cancer care setting.

6. Discuss the economic and psychosocial issues associated with malignant disease, and analyze how they affect the management of patients with cancer, including:
   a. Ethics of cancer management
   b. Rehabilitation
   c. Home care resources
   d. Patient support groups
   e. Family support groups
   f. Enterostomal therapy
   g. Cost containment
   h. Conservation of in-patient resources
   i. Special problems of the elderly
   j. Tumor registry data

7. Show sensitivity to patients culture, age, gender and disabilities

8. Recognize and appropriately handle sensitive cases of abuse

9. Be self-aware and have knowledge of professional limits by practicing on-going medical education and self-improvement.

10. Be accountable to profession in their actions and decisions

Interpersonal Relationships And Communication:

1. Create and sustain a therapeutic and ethically sound relationship with patients and patient families

2. Work effectively with other members of the medical team including allied health care personnel (nurses, clerical staff, etc.), fellow residents, and medical students.

3. Maintain professional interactions with other health care providers and hospital staff

SURGICAL ONCOLOGY
UCLA General Surgery Residency Program  
Rotation Educational Policy  
Goals and Objectives

**Systems Based Practice:**

1. Understand how the health care organization affects surgical practice of cancer care
2. Demonstrate and understand cost containment, and conservation of in-patient resources
3. Understand the special problems of the elderly
4. Understand the workings and implications of tumor registry
5. Be able to coordinate multi-specialty and multidisciplinary oncologic care including discharge planning, social service, rehabilitation, and long term care
6. Follow established practices, procedures, and policies of the Department of Surgery and integrated and affiliated hospitals.
7. Maintain complete of medical records, operative notes, staff sheets and notes, patient database cards and other patient care related documentation in a timely, accurate and succinct manner.

**REFERENCES:**

UCLA, Division of Surgical Oncology / Cancer Surgery Service Reading Syllabus

**Breast Cancer**


**Colon / Rectal Cancer & Liver Metastases**


Gastric Cancer


Melanoma


4. Sabel MS, Sondak VK. Point: Interferon-α for adjuvant therapy for melanoma patients.
Pancreatic Cancer


Soft Tissue Sarcoma


Palliative


TYPICAL WEEK:

SURGICAL ONCOLOGY
### UCLA General Surgery Residency Program
Rotation Educational Policy

#### Goals and Objectives

OR = operating room  
CLIN = clinic  
CON = conference

<table>
<thead>
<tr>
<th></th>
<th>Mon</th>
<th>Tue</th>
<th>Wed</th>
<th>Thur</th>
<th>Fri</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resident AM</td>
<td>OR</td>
<td>Attending Rounds OR</td>
<td>CON</td>
<td>CLIN</td>
<td>OR</td>
</tr>
<tr>
<td>Resident PM</td>
<td>OR</td>
<td>OR CON</td>
<td>OR</td>
<td>CLIN CON</td>
<td>OR</td>
</tr>
</tbody>
</table>

**SURGICAL ONCOLOGY**