July 2011

**ROTATION: SURGICAL ONCOLOGY (C Surgery)**

**ROTATION DIRECTOR:** Timothy Donahue, M.D.  

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

**SITES:** RRUMC

**GOALS AND OBJECTIVES:**
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**

**DESCRIPTION OF THE ROTATION:**
The Surgical Oncology (C Surgery) is a 4 week rotation in PGY1.

1. The surgery residents will provide inpatient 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 of the surgical faculty.
3. 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.

**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, Gastrointestinal and Body as a whole (clinical management) sections.
4. **Patient Survey:** performance will be assessed by patient surveys administered though the rotation.
5. For additional information please refer to the Resident Milestones document on the UCLA Surgical Education website: http://www.surgery.medsch.ucla.edu/resident/Documents/ResidentMilestones.pdf
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<tr>
<th>ACGME Competency</th>
<th>Developmental Milestones Informing ACGME Competencies</th>
<th>Time Frame</th>
<th>Assessment Methods/Tools</th>
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| 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 for the cancer 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 patients such as CT scans, MRI, and PET CT.  
7. Demonstrate the ability to effectively set priorities and coordinate the care of the cancer patient. | 4 weeks | Global Rating  
Case Logs  
Written Examinations  
Patient Survey  
Feedback from faculty/attending physicians at rounds and OR |
| Medical Knowledge | 1. Outline the appropriate usage of tumor markers, tumor excretory metabolites, and diagnostic cytologic techniques.  
2. Discuss the pathophysiology, presentation, diagnosis, staging, and treatment of common malignancies such as breast cancer, colon cancer, hepatobiliary tumors, pancreatic tumors, melanomas, and sarcomas.  
3. Describe the principles of surgical technique for operative procedures designed for cure of malignant diseases.  
4. Gain understanding of the multidisciplinary management of the cancer patient.  
5. Understand the surgical options for venous access and oncologic care, and their risks/complications.  
6. Complete all relevant modules of the SCORE curriculum: https://portal.surgicalcore.org/home | 4 weeks | Global Rating  
Written Examinations  
Completion of rotation specific SCORE assignments  
Feedback from faculty/attending physicians at rounds and OR |
| 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 information in the care of cancer patients and practice evidence-based medicine.  
3. Participate in the educational weekly surgery and bimonthly sarcoma conference.  
4. Participate in activities of the Department of Surgery (including all teaching conferences) and assume responsibility for teaching and supervision of medical students.  
5. Participate in the Department Morbidity & Mortality conference and utilize information to further improve patient care. | 4 weeks | Global Rating  
Written Examinations  
Patient Survey  
Feedback from faculty/attending physicians at rounds and OR |
| Professionalism | 1. Practice compassionate patient care maintaining the highest moral and ethical values with a professional attitude. | 4 weeks | Global Rating
Patient Survey Feedback from faculty/attending physicians /hospital staff /patients |
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<td>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.</td>
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<td>3. Communicate and collaborate effectively in a team of health care providers</td>
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<td>4. Demonstrate respect, compassion and integrity in the care of cancer patients on a daily basis</td>
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<td>5. Demonstrate mature and educated approach to Ethical issues commonly encountered in a cancer care setting.</td>
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<td>6. Discuss the economic and psychosocial issues associated with malignant disease, and analyze how they affect the management of patients with cancer, including:</td>
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<td>a. Ethics of cancer management</td>
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<td>b. Rehabilitation</td>
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<td>c. Home care resources</td>
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<td>d. Patient support groups</td>
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<td>e. Family support groups</td>
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<td>f. Enterostomal therapy</td>
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<td>g. Cost containment</td>
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<td>h. Conservation of in-patient resources</td>
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<td>i. Special problems of the elderly</td>
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<td>j. Tumor registry data</td>
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<td>7. Show sensitivity to patients culture, age, gender and disabilities</td>
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<td>8. Recognize and appropriately handle sensitive cases of abuse</td>
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<td>9. Be self-aware and have knowledge of professional limits by practicing on-going medical education and self-improvement.</td>
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<td>10. Be accountable in actions and decisions</td>
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| Interpersonal Relationships And Communication | 1. Create and sustain a therapeutic and ethically sound relationship with patients and patient families | 4 weeks | Global Rating
Written Examinations Patient Survey Feedback from faculty/attending physicians /hospital staff /patients |
|                | 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 |        |                                                    |
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 elderly cancer patients
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 medical records, operative notes, staff sheets and notes, patient database cards, and other patient care related documentation in a timely, accurate, and succinct manner.

4 weeks

Global Rating
Case Logs
Hour logs
Completion of required evaluations
Completion of medical records
Written Examinations
Feedback from faculty/attending physicians at rounds and OR
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.

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

**Pancreatic Cancer**

**Soft Tissue Sarcoma**

**Palliative**

**TYPICAL WEEK:**
SURGICAL ONCOLOGY UCLA General Surgery Residency Program Rotation Educational Policy **Goals and Objectives**

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<th>Mon</th>
<th>Tue</th>
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<th>Thur</th>
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<th>Resident AM</th>
<th>Attending Rounds OR</th>
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OR= operating room
CLIN= clinic
CON= conference