Updated: July 14, 2009

**ROTATION:** Outpatient Rotation

**SITE:** UCLA Medical Center- Outpatient Surgery Center

**GOALS:**

1. To provide trainees an opportunity to participate in the pre-operative assessment, operative procedures and immediate postoperative care of surgery patients undergoing outpatient procedures.

2. To enrich medical knowledge using a structured educational curriculum

3. To provide opportunities for professional development by helping trainees prepare oral presentations and participate in clinical research projects

**DESCRIPTION OF THE ROTATION:**

Residents will spend one month at the PGY1 level. The Surgery Center provides services for elective outpatient procedures. The residents will participate in the care of patients undergoing a variety of general surgery and specialty outpatient procedures. The supervising faculty members will evaluate the patients and schedule the procedures. The outpatient residents will meet the patients in the morning of the procedure.

1. The residents are expected to meet the patient preoperatively and obtain a history and physical as well as an informed consent if not already done.
2. The residents will review of preoperative orders and ensure that all areas of concerns are addressed appropriately (i.e. preoperative antibiotics, anticoagulation, blood sugar levels)
3. The residents will scrub in the OR and either perform or assist according to the discretion of the supervising faculty member.
4. After all the scheduled cases for the day are completed (usually early afternoon) the resident will engage in educational activities according to the educational schedule for the rotation. A supervising attending will be responsible for the daily activities, which will include case reviews, bedside teaching, and observation of related operative procedures, presentations, or clinical research projects.

**LEVEL OF TRAINEE:** R1

Educational Methodology: The resident will achieve the stated objectives using
the following methods:

1. Direct involvement in patient care and management, under the supervision of the faculty
2. Personal performance of procedures
3. Participation in operative cases
4. Attendance of lectures and conferences
5. Daily educational activities as directed by a designated faculty member on one-to-one basis
6. Preparation and presentation of a lecture in one of the educational conferences
7. Participation in a clinical research project under the supervision of a faculty mentor

COMPETENCY BASED KNOWLEDGE OBJECTIVES

Patient care:

1. Participate in the pre- and post-operative surgical management of patients undergoing outpatient surgical procedures
2. Assist in the performance and when appropriate perform simple outpatient procedures under local, regional, or general anesthesia

Medical knowledge:

At the end of this rotation the resident will be able to understand, describe and demonstrate basic knowledge in the diagnosis and treatment of common conditions treated on an outpatient setting in adults and children. He/she will be able to describe some of the most commonly performed outpatient surgical procedures and discuss indications and contraindications, risks and complications involved. More specifically:

1. Breast pathology, including benign and malignant diseases
2. Melanoma and other malignant skin and subcutaneous lesions

3. Cholelithiasis and associated complications

4. Benign skin and subcutaneous lesions

5. Varicose veins

6. Abdominal wall hernias

7. Tunneled and non-tunneled central venous access lines.

During the rotation the resident will also perform or assist in outpatient procedures under the supervision of the responsible faculty. Examples of procedures most commonly performed in our Outpatient Surgery Center include:

1. Placement and removal of tunneled central venous access catheters

2. Laparoscopic and open inguinal hernia repair

3. Excision of benign and malignant skin lesions

4. Mastectomy and local excision of breast lesions

5. Laparoscopic cholecystectomy

6. Excision of varicose veins

This rotation will also give the resident the opportunity to enrich his/her fund of knowledge by providing daily educational sessions after all clinical responsibilities for the day are completed. Basic principles of the following surgical topics will be covered during those sessions:

1. Trauma
2. Transplantation
3. Breast pathology
4. Surgical Oncology (other than breast)
5. Endocrine disorders
6. Pediatric Surgery
7. Vascular Surgery
8. Minimally Invasive Surgery
9. Liver and biliary system
10. Pancreas and spleen
11. Small and large bowel
12. Stomach and duodenum
13. Abdominal wall

A detailed curriculum is currently being developed.

**Professionalism:**

1. Work within a multidisciplinary operating room team.

2. Demonstrate respect, compassion, integrity, and kindness in relationships with patients, families, and colleagues.

3. Demonstrate sensitivity and responsiveness to gender, age, culture, religion, sexual preference, socioeconomic status, beliefs, behaviors and disabilities.

4. Understand concepts of patient confidentiality and informed consent.

5. Develop the ability to formulate constructive feedback in response to problems encountered in the workplace.

**Practice-based Learning and Improvement:**

1. Utilize the medical literature to hone practice indications and guidelines and critically evaluate current management.

2. Understand modern concepts of evidence grading and outcome assessment.

**Interpersonal and Communication Skills:**

1. Interact effectively and professionally with patients, families, physicians, nurses, and other members of the health-care team.

2. Provide effective consultation to other physicians and health care
professionals

3. Maintain comprehensive, timely, and legible medical records

**Systems-based learning:**

1. Discuss the current health systems and indications for outpatient versus inpatient surgery and service and resource allocation.

2. Discuss the importance of an outpatient surgical center and its value for the healthy function of the hospital enterprise

3. Learn the importance of efficient utilization of OR time and resources

4. Be able to select the patients that are suitable for outpatient procedures

5. Utilize the appropriate preoperative services to avoid any cancellations or delays of operative procedures

**EVALUATION:**

1. Monitoring of the accomplishment of these objectives will be performed using the following methods:

2. Verbal feedback by the faculty-attending surgeons during resident/attending interactions and in the course of the delivery of patient care.

3. End of rotation evaluation of resident performance to assess the resident’s demonstrated fund of knowledge with respect to the stated objectives.

4. Faculty and peer feedback after the presentation

5. Performance on the annual ABSITE examination, Clinical Management and Basic Science sections.