UPDATED: July 2009

ROTATION: HEAD AND NECK SURGERY

ROTATION DIRECTOR: Keith Blackwell, M.D.

SITES: UCLA Medical Center  
       VA Greater Los Angeles Healthcare System

GOALS: To provide trainees an opportunity to participate in the perioperative and operative aspects of head and neck surgery.

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 Head and Neck Surgery rotation of 1 month in R1 year.

1. All rotating will be part of the Head and Neck Surgery team and responsible for the care of the cardiac surgery patients.
2. The surgery residents will provide in-patient care including routine admissions and critical care of patients.
3. Residents will further participate in surgical operations needed on these patients under direct supervision by the surgical faculty.
4. The rotating residents will participate in all Department of Surgery educational conferences and didactic presentations.
5. Residents are expected to actively participate and present at the weekly Head and Neck Surgery 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 Head and Neck surgery 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 Head and Neck surgery patients with the guidance of senior residents and faculty.
4. Be proficient in the preoperative preparation of the patients for Head and Neck surgery and routine postoperative care.
5. Understand basic pathophysiology of Head and Neck disease and begin to master the skills necessary to care for the ICU 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 Head and Neck surgery patients such as CT scans.
7. Demonstrate the ability to effectively set priorities and coordinate the care of Head and Neck patients.

**Medical Knowledge:**

**Anatomy**

1. Define and describe the anatomic aspects of even the most complex general surgical operations such as bilateral radical neck dissection.

**Emergency Medicine**

1. Describe the examination for and treatment of dental/oral emergencies with which a general surgeon should be familiar:
   a. Cellulitis, including Ludwig's Angina
   b. Peritonsillar abscess (Quinsy)

**Otolaryngology**

1. Summarize the essential components of a focused history and physical examination for common otolaryngologic problems.
2. Analyze the clinical management of ear, nose, and throat (ENT) patients in the intensive care unit (ICU), including:
   a. Respiratory infection management
   b. Airway management
3. common ENT diseases:
   a. Sinusitis
   b. Sialadenitis
   c. Neck abscess
   d. Epiglottitis

4. Explain the principle causes of simple epistaxis and describe its management.

5. Evaluate patients with facial trauma and develop a treatment plan for the management of:
   a. Fractures
   b. Lacerations
   c. Hemotympanum
   d. Epistaxis

6. Describe the indications for tracheostomy in adults and children.

7. Compare the use of the following procedures in evaluating ENT problems:
   a. Radiography
   b. Contrast studies
   c. Ultrasound

8. Describe the indications for simple endoscopy and its diagnostic contributions such as:
   a. Nasopharyngoscopy
   b. Direct laryngoscopy
   c. Esophagoscopy

9. Summarize the characteristics of the common neoplasms of the ear, nose, and throat, and describe appropriate surgical intervention.

10. Outline the diagnostic approaches to otolaryngologic neoplasia, including:
    a. Direct visualization
    b. Indirect visualization
    c. Use of radiography
    d. Fine-needle biopsy

11. Describe diagnostic and therapeutic procedures utilized in treating the following:
    a. Abscess
    b. Neck mass
    c. Oral ulcer
    d. Salivary gland mass

12. Describe and demonstrate methods for removing foreign bodies from the trachea, bronchus, and esophagus.


15. Summarize diagnostic and therapeutic considerations in the management of caustic injury to the mouth, nasopharynx, trachea, and esophagus.

16. Discuss the management of airway in patients with terminal carcinoma of the thyroid and trachea.
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 head and neck surgery 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 head and neck patients and practice evidence-based medicine.
3. Participate in teaching and organization of the educational weekly head and neck surgery conference.
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 head and neck surgery patients on a daily basis
5. Demonstrate mature and educated approach to Ethical issues commonly encountered in a cardiac surgery setting.
6. Show sensitivity to patients culture, age, gender and disabilities
7. Recognize and appropriately handle sensitive cases of abuse
8. Be self-aware and have knowledge of professional limits by practicing on-going medical education and self-improvement.
9. 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
Systems Based Practice:

1. Understand how the health care organization affects surgical practice of head and neck surgery
2. Demonstrate cost effective health care
3. Be able to coordinate multi-specialty and multidisciplinary trauma care practice including discharge planning, social service, rehabilitation, and long term care
4. Follow established practices, procedures, and policies of the Department of Surgery and integrated and affiliated hospitals.
5. 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:

TYPICAL WEEK: