

Department of Anesthesiology

Clinical Base Year Otolaryngology Curriculum

Collaborating Faculty: Stephen Wetmore, MD
Residency Program Director
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Educational Purpose: The purpose of this rotation is for residents to obtain a greater depth of understanding of the anatomy and function of the structures that comprise the airway and how oropharyngeal pathology can impact on airway structure and function. This rotation should also increase the practitioner's ability to diagnose and manage common ear, nose and throat problems.

I. Principle Teaching Methods

- a. **Supervised Patient Care:** Residents rotate through the ENT clinics located at the Physician Office Center at West Virginia University. Residents will be assessing patients along with Faculty and ENT Residents.
- b. **Didactic Lectures:** Didactic presentations by the faculty and/or ENT residents will occur at least one time per week. Residents will attend all available ENT conferences during the rotation.
- c. Additional reading is expected to occur independently to address clinical questions as they arise.

II. Educational Content

- a. **Mix of Diseases:** While working with ENT faculty, residents are exposed to common acute and chronic ear, nose and throat conditions, including but not limited to: ear: discharge, hearing loss, pain, tinnitus and vertigo, nose: obstruction, snoring, epistaxis, facial or sinus pain, sleep apnea, throat: hoarseness, oral lesions, and cervical adenopathy, head and neck cancer.
- b. **Patient characteristics:** Patients in the Morgantown area and surrounding regions tend to come from a variety of cultural and socioeconomic backgrounds.
- c. **Learning venues:** Type of clinical encounters, procedures and services
 - i. Location: Residents will work with faculty and ENT residents, residents at the Physician Office Center at Ruby Memorial Hospital.
 - ii. Patient Encounters: Patients will present for new consultations, follow up appointments for chronic conditions, or for outpatient procedures.
 - iii. Procedures learned
 - a. anterior nasal packing
 - b. speculum rhinoscopy

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- c. perform indirect laryngoscopy
- d. achieve topical anesthesia of nasopharynx
- e. perform nasal fiberoptic exams

d. Structure of the rotation: Residents will generally work Monday – Friday 8 – 5 p.m. Resident training may extend before 8 AM or after 5 PM at the discretion of the Faculty attending when necessary for patient care reasons, but overall resident work hours will not exceed 80 hours/week, and there will be no in-hospital overnight call.

IV. Principal Ancillary Educational Materials

- a. A variety of electronic resources are available to residents through the WVU electronic library, in addition to department-provided UpToDate subscriptions. Desktop computers in the WVU Physician's Office Center have internet access and the suite is now wireless so residents can access the electronic medical record on a PDA.

V. Methods of Evaluation**A. Resident Performance**

At the end of each rotation the faculty completes a resident web-based electronic evaluation form through E-Value. The evaluation is competency based and assesses core competency performance. The evaluation is shared with the resident and is available for on-line review by the resident and is also sent to the residency office for internal review. This evaluation is part of the resident file.

B. Program and Faculty Performance

Upon completion of the rotation, the residents will be asked to complete a service evaluation form commenting on the faculty, facilities, and service experience. These evaluations will be sent to the residency office for review and the attending faculty physician will receive anonymous semi-annual copies of completed evaluation forms. The Program Directors will review results annually.

VI. Rotation Specific Competency Objectives**a. Patient Care**

1. Performs an appropriate and directed history.
2. Performs a thorough physical examination of the ear, nose and throat:
 - a. Accurate visualization of the tympanic membrane and its landmarks.
 - b. Perform a thorough nasal exam
 - c. Perform a thorough mouth exam
 - d. Perform a thorough throat exam

e. Perform a thorough neck exam

b. Medical Knowledge

1. To be able to diagnose, manage, and know when to refer patients with the following ENT disorders:

a. Ear:

1. discharge
2. hearing loss
3. pain
4. tinnitus
5. vertigo

b. Nose:

1. obstruction
2. snoring
3. epistaxis
4. facial or sinus pain

c. Throat:

1. hoarseness
2. oral lesions
3. cervical adenopathy
4. neck mass
5. sleep apnea

c. Interpersonal and Communication Skills

i. Residents will communicate effectively with physicians, patients, and staff members in their roles as learners and active observers on this rotation

d. Professionalism

- i. Residents will demonstrate appropriate professional behaviors with support staff, physicians and patients.
- ii. Residents will demonstrate compassion and respect for patients with disfiguring or disabling conditions.

e. Practice Based Learning and Improvement

i. Residents will be well versed in the use of technology (such as electronic ENT atlases or search engines, literature searches, etc.) to support medical decisions.

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- i. Residents will be able to understand the management of common ENT pathology and interact appropriately within the healthcare system.

CURRICULUM TIMELINE

Written by Dr. Richard Driver and Dr. Stephen Howell

Approved by the Education Committee October 10, 2007