

Medical Student Curriculum

This is a guide of what we hope you'll get out of your rotation with the Department of Otolaryngology - Head & Neck Surgery at Henry Ford. The goals in normal print apply to everyone; the goals in italics are aimed at those of you possibly planning on pursuing a career in our field.

Diagnostic/Professional Skills

- Take a succinct history and perform a comprehensive head & neck exam.
- Appreciate how best to use consulting services.
- Recognize ENT emergencies (stridor, malignant otitis externa, invasive fungal sinusitis, epistaxis, aerodigestive tract foreign bodies, etc.).
- *Formulate a precise list of differential diagnoses*
- *Learn efficient rounding & patient presenting skills.*

Otology

- Master pneumatic otoscopy & otoscopic ear anatomy.
- Understand eustachian tube function & otitis media pathogenesis.
- Become familiar with the work up of dizzy patients.
- *Become familiar with reading an audiogram.*
- *Appreciate surgical approaches to the lateral skull base.*

Head and Neck Cancer

- Become familiar with the work up of head & neck.
- Learn the levels of the neck.
- Appreciate clinical significance of staging on disease management.
- *Become familiar with treatment options.*
- *Appreciate reconstructive options in the head & neck.*

Rhinology and Laryngology

- Appreciate sinonasal anatomy.
- Understand pathogenesis & management of epistaxis.
- Appreciate work up of hoarseness and dysphagia.
- *Understand laryngeal anatomy.*
- *Perform flexible laryngoscopy.*

Facial Plastics and Reconstructive Surgery

- Understand relaxed skin tension lines, incision choices, & meticulous skin closing technique.
- Appreciate facial anatomy and analysis.
- Read facial CT and understand general facial fracture management principles.
- *Understand and apply the reconstructive ladder to wound defects.*
- *Understand basic rhinoplasty anatomy.*

General and Pediatric Otolaryngology

- Understand salivary gland anatomy and pathophysiology.
- Learn indications for tonsillectomy and tympanostomy tube placement.
- Learn pathogenesis of sleep apnea.
- *Understand management of foreign body ingestion & aspiration.*
- *Understand indications for tracheostomy, and learn how to change & manage tracheostomy tube.*

Suggested References

1. Staffel JG, et al. Primary Care Otolaryngology. Alexandria: American Academy of Otolaryngology, 2004. Also available online at <http://www.entnet.org/mktplace/primaryCare.cfm>.
2. Lalwani AK, ed. Current Diagnosis & Treatment in Otolaryngology -- Head & Neck Surgery. New York: Lange, 2007.
3. Myers EN, ed. Operative Otolaryngology. Philadelphia: Saunders Elsevier, 2008.