

Otolaryngology Head and Neck Surgery

Medical Student Sub-internship Orientation Guide and Curriculum

University of California at Irvine
Department of Otolaryngology – Head & Neck Surgery



UC Irvine Health

685D Advanced Clinical Otolaryngology, Head & Neck Surgery

Course Description: The student receives instruction in a wide range of Otolaryngology and Head & Neck disorders, and actively participates in the clinic, hospital wards, operating room, and conferences. Emphasis is placed on diagnostic skills and development of a broad differential diagnosis. Special examination techniques will be included (i.e., endoscopy, mirror examination).

Department: Otolaryngology Head and Neck Surgery

Prerequisites: UC Irvine students must have successfully completed their basic science curriculum and General Surgery Clerkship. Extramural students must be in the final year of undergraduate medical education.

Restrictions: International student are not accepted on this rotation.

Elective Director:

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Course Website: None

Who to Report to on First Day: Please contact the resident on-call by paging 714-506-6519 prior to your rotation to find out where and when to report on your first Monday, as well as to obtain your assignment for that day so you can be prepared. You could also contact the academic office, (714) 456-8450 or (714) 456-5753.

Site Coordinator: Mary Ann Evans, UC Irvine Medical Center, Department of Otolaryngology Head and Neck Surgery, 333 City Blvd., West, Suite 525, Orange, CA 92868, (714) 456-8450, maevans@hs.uci.edu

Site: UC Irvine Medical Center

Periods Available: Throughout the year

Duration: 2-4 weeks

Number of Students: 1–4

Scheduling Coordinator: UC Irvine students please email comsched@uci.edu or call (714) 456-5176 to make a scheduling appointment. Please read the following information carefully. Any student enrolled at a U.S. LCME medical school will use VSAS to apply. To apply please refer to this website <http://www.aamc.org/programs/vsas/>.

Course Objectives: At the end of this rotation, the student will be able to:

- Be proficient at taking an appropriately directed history and physical as it relates to Otolaryngology - Head and Neck Surgery.
- Demonstrate professionalism by attending all rounds, conferences and lectures as assigned.
- Effectively prepare for and discuss procedures both in the clinic and the operating room.
- Communicate patient workup and assessment by presenting to attending and resident physicians
- Demonstrate higher level understanding regarding the management of the otolaryngology patient, and communicate this with patients and providers

Key Topics and Competencies:

- General head and neck anatomy and physiology
- Ability to perform a complete physical examination
- Audiology, stroboscopy, ultrasound
- Patient presentation skills
- Building rapport with patients
- Professionalism and team work

Educational Activities: The student will participate in daily rounds, group discussions, grand rounds and additional educational didactics. The sub-intern is also responsible for pre-rounding on all patients in whose operations they participated.

What Students Should do to Prepare for the Rotation: Read a basic otolaryngology Head and Neck textbook (ex. Cummings), you may find review books (eg Pasha, KJ Lee, ENT Secrets) to be portable and helpful on rotation as well.

Clinical Responsibilities of the Student: Pre-rounding, morning rounds, patient care, case presentations, grand rounds, surgery clinic rotation, participation in cases, ED consults, and floor procedures.

Presentation: The student is asked to deliver a 25 – 30 minute audiovisual presentation on a patient or topic of interest, based on exposure during the rotation. Topics that include patient history, workup, disease pathophysiology, and treatment options have historically been more well-received than those that focus heavily on surgical techniques. All 4-week rotators are to present during the Grand Rounds time slot towards the end of the rotation. This can be scheduled prior to or during the first week of the rotation.

Call Schedule of the Student: None

Percentage of Time in Ambulatory Setting: Typically 20-40%

Conference/Lecture/Small Group Sessions: The student will participate in group discussions, grand rounds and daily rounds.

- Subspecialty teaching conference and Grand Rounds are Wednesday evening from 4-6pm in ENT can be in the city tower or via zoom. Verify the time and location with a resident.
- Weekly Thursday AM conference from 7-8, with subsequent clinic or OR.
- Tumor Board Fridays 11 am (if in Dr. Armstrong's clinic or if not otherwise occupied in another clinic or case) via Zoom link. Reading about the patients and diagnoses prior to Tumor Board increased the educational yield of the conference.
- Facial Plastics Conference: 2nd Friday of the month, 7:30-10am after morning rounds.

Content Theme Integration:

- Communication
- Decision Making
- Epidemiology
- Ethics
- Pain Management

Official Grading Policy: The student will receive a grade of Honors, Pass or Fail. The student's final grade will be submitted on the standard UC Irvine form. The student will be evaluated by attendings and residents in the area of clinical performance, clinical skills, formal presentation, learning accomplishments, attendance, attitude and effort.

Clinical Instructing Faculty:

Name	Subspecialty	Title
William B Armstrong, MD	Head & Neck Surgery	Department Chair
Tjason Tjoa, MD	Head & Neck / Microvascular Surgery	Otolaryngology Residency Program Director
Yarah M Haidar, MD	Head & Neck / Microvascular Surgery	Residency Associate Program Director, Director, Medical Student Education
Sunil P Verma, MD	Laryngology	Medical Director, Director of the Voice & Swallow Center
Brian JF Wong, MD	Facial Plastic & Reconstructive Surgery	Director, FPRS Fellowship
Hamid R Djalilian, MD	Otology / Neurotology	
Harrison W Lin, MD	Otology / Neurotology	
Edward C Kuan, MD	Rhinology / Skull Base Surgery	
Naveen Bhandarkar, MD	Rhinology / Skull Base Surgery	
Roger L Crumley, MD	General Otolaryngology	
Victor Passy, MD	General Otolaryngology	
Gurpreet S Ahuja, MD	Pediatric Otolaryngology	Chief of Otolaryngology, Children's Hospital of OC
Nguyen S Pham, MD	Pediatric Otolaryngology	Children's Hospital of OC
Kevin Huoh, MD	Pediatric Otolaryngology	Children's Hospital of OC
Jay Bhatt, MD	Pediatric Otolaryngology	Children's Hospital of OC

Answering clinical questions:

During your rotation at UCI and other institutions, you will occasionally be asked to look up clinical questions related to diagnostic workup, anatomy, and surgical or medical treatment of disease processes. To set yourself up for success, it is important to be familiar with some of the resources commonly utilized by Otolaryngology residents and physicians. In the long run, knowing “how” to find the answer to the question can be more important than the answer to the question itself.

Included are some common resources:

Standard ENT textbooks

These are exhaustive textbooks with detailed chapters of the basics. They are a good place to start, in order to develop a full understanding of the background of the clinical question.

Cummings Otolaryngology (6th edition, 2014)

Bailey's Head and Neck Surgery: Otolaryngology (5th edition, 2013)

ENT Review books

Once you have a full understanding of the background of the question, the review books help highlight the most important “clinical pearls” associated with the topic. However, without a broader understanding, it can be difficult to use these resources to fully answer a given question.

Pasha's Otolaryngology-Head and Neck Surgery: Clinical Reference Guide

KJ Lee's Essential Otolaryngology

ENT Secrets

Literature Search

Once you have a good understanding of the background behind a question and the highlights associated with a topic, a literature search can help identify key points related to the clinical question. However, it is important to know that not every piece of published literature on a given topic is relevant to a surgical audience. Knowing the authors and their institutional affiliations, date of publication, and journal published are all key in determining the relevance of a given article. Several examples of established ENT journals are:

JAMA Otolaryngology – Head & Neck Surgery

Laryngoscope

Otolaryngology – Head & Neck Surgery

JAMA – Facial Plastic Surgery

Cough

Head & Neck

Otology & Neurotology

Audiology & Neurotology

Annals of Otology, Rhinology and Laryngology

Journal of Laryngology and Otology

Often times, high profile publications such as JAMA, NEJM, Cancer, and Journal of Clinical Oncology contain multidisciplinary articles about topics within Otolaryngology. Many other journals contain relevant literature to Otolaryngology as well, but it is always key is to note the authors, affiliations, etc...

Several review journals often invite “experts” to write reviews on topics as well, and these can be good supplements to answering your questions. These include:

Otolaryngologic Clinics of North America

Operative Techniques in Otolaryngology

Facial Plastic Surgery Clinics of North America