

Course Name: Otolaryngology Online Elective

Course Number \_\_\_\_\_

Department: Otolaryngology

Faculty Course Director: Ashley Agan, M.D.

Periods offered: 1-13, July-June

Number of students: 10

Length: 4 weeks

First Day Contact: Judy Delacruz

First Day Time: 8 A.M.

First Day Location: Orientation Online

**I. Course Description:**

Students will learn about the comprehensive subspecialty care of Otolaryngology - Head and Neck Surgery patients. Patient cases will be used to teach rhinologic, otologic, laryngologic, and oral diseases. Additionally, patient cases with neoplastic processes of the head, neck, and skull base will be discussed. Students will participate in online conferences with the residents and faculty.

Educational Program Objectives	Related Course Objectives	Assessment methods
<b>Patient Care:</b> Students will demonstrate the ability to provide patient-centered care that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health as part of the interprofessional team.	Students are expected to: <ol style="list-style-type: none"><li>1. Learn what essential information to gather about patients. Examples: Pertinent History and physical examination findings as well as results of pertinent tests</li><li>2. Make informed recommendations about diagnostic and therapeutic interventions based upon patient information from online cases, up-to-date scientific evidence, and clinical judgment.</li><li>3. Learn healthcare services aimed at preventing health problems or maintaining health, for example, smoking cessation and allergen avoidance.</li></ol>	<ul style="list-style-type: none"><li>• <i>Online Quizzes</i></li><li>• <i>Observation by faculty during online conferences</i></li></ul>
<b>Knowledge for Practice:</b> Students will demonstrate knowledge of established and evolving biomedical, clinical,	Students are expected to: <ol style="list-style-type: none"><li>1. Demonstrate an analytical approach to clinical solutions. Examples: Recognize the</li></ol>	<ul style="list-style-type: none"><li>• <i>10 minute Grand rounds oral presentation presented online</i></li></ul>

epidemiological and social-behavioral sciences, as well as the application of this knowledge to patient care.	<p>differential diagnosis of hoarseness, know how to perform adequate history, physical examination, know how to review office laryngoscopy, as well as appropriately diagnose and treat the condition.</p> <p>2. Apply knowledge of basic and clinical sciences in the diagnosis and treatment of diseases in Otolaryngology patients. Examples: Causes of asymmetric sensorineural hearing loss, etiology of unilateral rhinorrhea, inheritance patterns of common familial syndromic craniofacial abnormalities.</p>	<ul style="list-style-type: none"> <li>• <i>Online Quizzes</i></li> </ul>
<p><b>Interpersonal and communication skills:</b> Students will demonstrate interpersonal and communication skills that result in the effective exchange of information and collaboration with patients, families and health professionals.</p>	Students will communicate effectively via chat, online meetings, written assignments, and email.	<ul style="list-style-type: none"> <li>• <i>Observations of faculty and staff</i></li> </ul>
<p><b>Personal and professional development:</b> Students will adhere to professional standards and demonstrate the qualities required to sustain lifelong personal and professional growth.</p>	Students will adhere to the professional guidelines for online sessions. (separate document)	<ul style="list-style-type: none"> <li>• <i>Observations of faculty and staff</i></li> </ul>
<p><b>Critical thinking and Discovery:</b> Students will be able to critically appraise literature, apply knowledge and engage in scholarly activity</p>	<p>Students are expected to:</p> <ol style="list-style-type: none"> <li>1. Locate and assimilate evidence from scientific studies related to patient health problems. Example: Randomized controlled trials of therapy for treatment of various tumors of the skull base</li> </ol>	<ul style="list-style-type: none"> <li>• <i>Observations of faculty and staff</i></li> </ul>
<p><b>Health Care systems and society:</b> Students will demonstrate an awareness of and responsiveness to the larger context and system of health care, as well as the ability to call effectively on other resources in the system to provide optimal health care.</p>	<p>Students are expected to:</p> <ol style="list-style-type: none"> <li>1. The student will learn how otolaryngology fits into the larger system of health care.</li> </ol>	<ul style="list-style-type: none"> <li>• <i>Observations of faculty and staff</i></li> </ul>

**III. Methods of Instruction:**

- i. Weekly lectures with the residents and faculty reviewing chapters from Cummings Otolaryngology in an online conference via Zoom
- ii. Recorded lectures from department faculty available on D2L
- iii. Monthly department virtual conferences covering various otolaryngology topics with possible guest lecturers via Zoom
- iv. Friday morning grand rounds lectures – online conference via Zoom
- v. Monthly Journal Club – online conference via Zoom

**IV. Overview of student responsibilities: (*attendance, participation in online sessions, completion of a project/problem set*)**

**V. Course Requirements:**

- A. Students are expected to attend online conferences and actively participate
- B. Students are expected to view online lectures and answer online quizzes
- C. Grand Rounds Presentation:
  - i. Students will give a 10 minute Grand Rounds Presentation based on a topic of their choosing and with approval from the clerkship director. The presentation will be to residents and faculty in an online conference via Zoom.

**V. Method of evaluation of students and requirements:**

- a. This course is graded Pass/Fail. To receive a “Pass” grade, you must meet the requirements outlined above.

**VI. Recommended reading:**

- a. Cummings Otolaryngology, 6<sup>th</sup> Edition – This is available online via the UT Southwestern Library.
- b. Otolaryngology-Head and Neck Surgery: Clinical Reference Guide by Raza Pasha – High yield pocket guide
- c. American Head & Neck Society Surgical Videos - <https://www.ahns.info/resources/education/video/>
- d. Clinical Practice Guidelines from the American Academy of Otolaryngology – Head & Neck Surgery - <https://www.entnet.org/content/clinical-practice-guidelines>
- e. TNM Staging for Head and Neck Cancer - [https://www.entnet.org/sites/default/files/NeckDissection\\_QuickRefGuide\\_highresFINAL.pdf](https://www.entnet.org/sites/default/files/NeckDissection_QuickRefGuide_highresFINAL.pdf)

**Curriculum Outline**

**Week 1**

**Rhinology**

**Allergy**

**Laryngology, Voice, and Swallowing**

**Week 2**

**Adult Sleep Medicine**

**Pediatric Otolaryngology**

**Otology/Audiology**

**Week 3**

**Head & Neck Surgery**

-Scalp and Facial Skin

-Salivary Gland Disease and Neoplasms

-Lip and Oral Cavity

-Pharynx

-Larynx

-Neck

-Reconstructive Surgery

-Thyroid / Parathyroid  
-Trachea

#### **Week 4**

**Facial Plastic and Reconstructive Surgery**

**Trauma**