

Elective Description

Campus: Southeast (Fargo)

Elective/Experience Title: Otorhinolaryngology

Location of Elective: Essentia Health- Fargo, ND

Department: Surgery

Course Number: 9202-02

Preceptor(s): David W. Tsen, MD; Alan Bruns, MD

Period(s) Offered: All

Number of students per period: 1

Course Prerequisites: Completion of Surgery Clerkship

Revised Curriculum Phase(s): 2 & 3

Purpose: To learn basic techniques of management of head and neck disease in an inpatient/outpatient setting.

Objectives: Following successful completion of this elective, the student will be able to:

1. Summarize common problems seen in an otorhinolaryngology practice including head and neck anatomical structures affected (Competency 2.1, 2.2, 2.3).
2. Execute a complete otorhinolaryngological examination (Competency 3.1).
3. Execute, under direct preceptor supervision, simple office procedures and assist with surgical procedures in the OR (Competency 3.6).
4. Identify common diseases of the ear, nose, throat and neck (2.2, 2.3, 3.3).
5. Generate diagnostic and management plans for common diseases of the ear, nose, throat and neck (competency 3.2, 3.4)
6. Generate interpretations of the results of various diagnostic techniques including fiberoptic endoscopy, imaging studies, audiometric and vestibular testing and apply these to patient care (Competency 3.3).

Instructional Activities: During this elective, the student will be involved in/experience:

1. Examination of patients in the outpatient department, emergency room, and in the hospital.
2. Assist with surgical procedures in the OR and in the clinic setting.
3. Participate in minor procedures and evaluation of hearing losses and vertigo, including standard audiograms, tympanometry, and vestibular testing. Students will also have the opportunity to participate in selection, diagnosis, and mapping of cochlear implant patients.
4. Discussion on relevant ENT, head and neck, and facial plastic topics.

Criteria for Grading: During and following this elective, the preceptor will:

1. Utilize the standardized UNDSMHS senior elective evaluation form.
2. Evaluate by direct observation of clinical skills the student's ability to perform a standard head and neck exam including indirect mirror exams (Objective 2).
3. Judge by direct observation of clinical skills and review of the patient medical records the ability of the student to interpret simple audiograms and other diagnostic testing (Objective 6).
4. Evaluate by direct observation the student's skills in procedural care (Objective 3)
5. Directly observe and assess the student's ability to recognize and evaluate common ENT disorders such as chronic otitis media, chronic sinusitis, and neck mass (Objective 1, 4, 5).

6. Judge by direct observation of the student's level of knowledge regarding head and neck anatomy (Objective 1).
7. Evaluate by discussion with the student and review of written work the student's ability to formulate diagnostic and management plans for common ENT diseases (Objectives 5)