

## **In the Name of God**

### **Islamic Republic of Iran Ministry of Health and Medical Education Deputy for Education**

## **Otology - Neurotology** **Degree: Fellowship**

### **Program Description**

This course is a complementary branch of a specialized field of ear, nose, and throat and head and neck Surgery. The graduates of this field are involved in prevention, diagnosis, treatment and follow-up of the diseases associated with hearing and balance disorders.

The duration of this course is 1 year with the aim of providing the community with knowledge and skills on prevention, diagnosis, treatment, and follow-up of diseases of the ear, skull base, and adjacent structures.

### **Admission Requirements**

- Holding an MD degree
- Having specialty in ENT
- Having passed the National Entrance Exam

### **Expected Competencies at the End of the Program**

#### **General Competencies\***

#### **Specific Competencies and Skills**

At the end of the program learners will be competent in the following skills:

- Mastoidectomy / Tympanoplasty:
  - CWU (Canal wall up)
  - CWD (Canal wall down)
- Atresia repair (congenital ear disease)
- Acoustic neuroma surgery
  - Translabyrinthine
  - Suboccipital
- Middle fossa
- Glomus surgery and other skull base tumors
- Vertigo surgery (sac surgery – labyrinthectomy vestibular neurectomy)
- Transpetrosal approach
- Cochlear implantation surgery
- Otosclerosis surgery
- Facial paralysis (Facial nerve decompression)

## Educational Strategies, Methods and Techniques\*

### Student Assessment (Methods and Types)

#### A. Assessment Methods:

- Written exam
- Oral exam
- Log book assessment
- Article assessment<sup>1</sup>
- DOPS (Direct Observation of Procedural Skills)

#### B. Periods of Assessment:


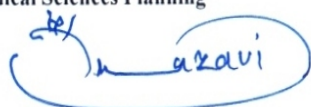
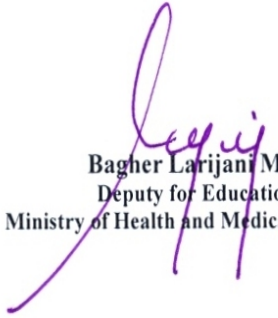
- Written and oral exam (twice a year during the course)
- Log book and continuous DOPS
- Log book continuous assessment and the process of developing research article

## Ethical Considerations\*

\*Note: The related document(s) can be found at <http://hcmeq.behdasht.gov.ir/>.

**The overall structure of the course:**

Department, unit, or setting	Content-measures	Duration (months)
Clinic (general and specialized)	Outpatient visits, triage, filing medical records and hospitalizing patients, following up professional consultation for patients, performing outpatient procedures, educating junior residents, providing the required professional consultation and other measures in accordance with the regulatory programs of the department	During the course, 2 days a week
Wards	Visiting hospitalized patients, caring for patients, stabilizing the hospitalized patients, performing diagnostic and therapeutic procedures at the bedside, educating junior residents and other measures in accordance with the regulatory programs of department	Every day
Operating room	Participating in surgeries for observation, assisting or performing independent surgery, in accordance with the regulatory programs of the department	During the course at least 2 days a week
Department of Neurosurgery	Attending all brain surgeries, particularly the skull base surgery	1 month

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