

## In the Name of God

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

## Laryngology Degree: Fellowship

### Program Description

With the advent of different specialized and subspecialized fields in medicine in recent years, several subspecialties in ear, nose and throat field and head and neck surgery field have been defined. One of these fellowships is laryngology. A tangible requirement that mandated addressing this fellowship in a more specialized way was the need to educate people with greater clinical skills to further diagnose and treat patients with higher risks. Therefore a committee for development of laryngology curriculum formulated the present curriculum after investigating curricula indifferent universities and obtaining the experts' opinions.

### Definition & Duration of the Training Program:

This fellowship is a subset of Ear, Nose & throat specialty, and the graduates will be able to provide services for prevention, diagnosis, more accurate treatment and promotion of research in larynx diseases in addition to their specialized competencies.

**Duration is 12 months.**

### Aims:

- 1- To train up-to-date, competent and committed specialists who provide the society with their knowledge and skills to provide prevention, education, and therapeutic-diagnostic services in the field of laryngology fellowship.
- 2- It is expected to reach international standards in the field of laryngology fellowship education in the next 10 years and hold the top ranking in the Middle East. It is also expected to compete with the top countries in the region in terms of quality of the services and science production.

### Admission Requirements

- Holding an MD degree
- Having passed the National Entrance Exam

### Expected Competencies at the End of the Program

#### General Competencies\*

#### Specific Competencies and Skills

Procedural skills (diagnostic-therapeutic measures):

- Direct laryngoscopy
- Rigid and flexible bronchoscopy
- Stroboscopy and sound analysis
- Endoscopic techniques of the modification of laryngotracheal stenosis
- Laryngotracheal reconstruction techniques
- Phonosurgery techniques
- Laryngeal cancer surgery methods (endoscopic and open techniques)

Voice rehabilitation methods after laryngectomy  
Laser techniques of laryngeal surgery  
Surgical treatment of chronic aspiration and dysphagia  
Laryngeal injection

### **Educational Strategies, Methods and Techniques\***

#### **Student Assessment (Methods and Types)**

##### **a- Assessment methods**

DOPS and logbook methods are used for theoretical and practical assessment of the courses in the ward, clinic and operating room.

##### **b- Periods of assessment**

Continuously

### **Ethical Considerations\***

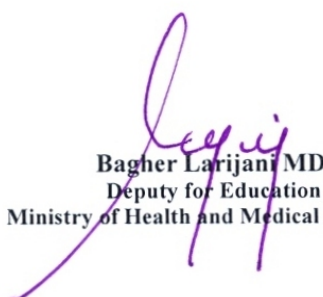
\*Note: The related document(s) can be found at <http://hcmep.behdasht.gov.ir/>.

**The overall structure of the course:**

Department, unit or setting	Contents- measures	Duration (month)
Clinic	Outpatient visits, therapeutic planning, Patient Scheduling , consultations, ,Patients follow ups	2 days a week during the course (11 months)
Laryngology ward	Preparing the patients for the operation, Post operation Care , participating in education and research, shifts scheduled by the ward	Every day during the course (11 months)
Operating room	Performing all the related operations under the supervision of the professor, as an assistant or independently	2 days a week during the course
Voice laboratory	Voice analysis and interpretation of the related reports- sound therapy	1 days a week during the course
Thoracic sector	- Assisting or performing the surgeries related to trachea- assisting in or performing bronchoscopy	1 month

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