

In the Name of God

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

Otorhinolaryngology - Head and Neck Surgery

Degree: Specialty

Program Description (Introduction)

First Edition of this curriculum was written in 2001, formulated after multiple review sessions by experts of the field, and it was circulated to universities for implementation. Now, after over 10 years the curriculum is revised. It should be revised every 5 years and careful monitoring of the conduct is necessary. We hope that the revised curriculum would be more helpful in training efficient competent specialists.

Definition and Duration of the Training Program:

Otorhinolaryngology (head and neck surgery) is a clinical program whose graduates are involved in prevention, diagnosis, treatment and care of patients with diseases of the ear, nose, throat, head and neck. They will provide the community with their specialized knowledge and skills in the fields of education, research and health care services.

Duration of the program: 4 years

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

procedures

Surgical treatment of trauma of the hard and soft-tissues of the nose and face

Reconstruction of congenital abnormalities of lip, palate and nose

Correction of the deformities of the anatomy and function of the nose

Surgery of medial septum of the nose

Turbinoplasty

Surgeries of sinus using endoscopic technique

Open sinus surgery

Periorbital endoscopy surgery (e.g., draining the abscess, orbital decompression into the sinuses in tumors and emergencies)

Endoscopic surgery of the middle anterior skull base (such as repair of CSF leakage through the nose, resection of extradural tumor) and

In other cases as member of a team supervised by specialist neurosurgeons

complex endoscopic surgery by using Navigation

(Rhinoplasty) all types

Placement of different types of prostheses in cheek, jaw, base of the eyes and other parts of the face

Reconstructing the tissue defects of face with graft or alloplastic materials

Different types of face and forehead (especially in facial paralysis)
Botulinum toxin injections in the head and neck (such as Laryngospasm, Frey's syndrome, hemifacial spasm.
Different types of reconstructing the acquired defects of nose and face
5 types of soft and hard tissue surgery of nose and face (non-traumatic)

Educational Strategies, Methods and Techniques*

Student Assessment (Methods and Types)

A. Assessment Methods

Residents will be evaluated by the following methods.

Written, oral, interactive computer test, OSCE, DOPS, portfolio assessment , article assessment , logbook, 360 degree assessment

B. Periods of Assessment

Formative: At least twice a year

Summative: Final exam

Ethical Considerations*

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

The overall structure of the course:

Division, unit or field of education	Content-measures	Time (months)
Clinic	Outpatient visits- choosing, filing and hospitalizing for patients- follow up professional advice for patients- performing outpatient procedures- educating lower levels-providing the required professional advice and other measures in accordance with regulatory programs of division	2 days a week during the 4 year Training Program
Ward of hospitalization	visiting hospitalized patients- patients caring- stabilizing the hospitalized patients in division- performing diagnostic and therapeutic procedures at the bedside- educating lower levels and other measures in accordance with regulatory programs of division	During the 4 year Training Program
Operating room	Participating in observation of surgeries, as an assistant or do the surgery independently in accordance with regulatory program of division	At least 2 days a week during the 4 year Training Program
Procedure rooms	Anatomical practical workshops endoscopy of nose, sinus and temporal bone	During the 4 year Training Program at least 1 month
Rotational divisions	Maxillo- facial surgeries, eye surgery, neurosurgery, radiology, plastic surgery, reconstructive burn surgery.	3 months (Dependent on the program Manager decisions)

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