



## **Program Specification for Undergraduate in Otorhinolaryngology**

**Program type:** single

**Program code:** 04-404-ENT

**Department offering the program:** Department of Ear, Nose, and Throat

**Academic year:** 2021/2022

**Program Coordinators:** Prof. Dr. Ali Abdallah

**External evaluators:** : Prof. Dr. Mahmoud saleh

Professor of Otolaryngology, minia university

### **Program aims**

- 1 - Understand the basic science underlying normal and abnormal functions of otolaryngology.
- 2 - Recognize the risk factors and clinical picture of different otolaryngology diseases.
- 3 - Understand the appropriate use and interpretation of common diagnostic studies for otolaryngology diseases.
- 4 - Identify the methods of treatment of the different otolaryngology diseases.
- 5 - Recognize and carry out the diagnosis and treatment of commonly otolaryngology emergencies.
- 6- Understand principles and the basics of quality in professional practice in the field of otolaryngology.
- 7- Recognize legal principles of professional practice in the field of otolaryngology.
- 8- Identify professional knowledge on the effects of exercise on the environment
- 9- Understand the basic science anatomy and pathology and bacteriology related to Ear,Nose and throat and know the principles of audiology .

### **learning outcomes of program (ILOs)**

#### **1- taking full history**

- 2-Formulate appropriate management plans for individual patients presenting with the most common ENT and related head & neck disorders.
- 3- Explain the relationship between some general symptoms or illness and ENT diseases and the interaction between ENT and other specialties.
- 4- Determine the appropriate diagnostic tools and therapeutic lines for the most important ENT disorders including applicable recent modalities.
- 5- Define diseases beyond the capacities of general practitioner and determine when to refer them to specialist.

- 6-perform general & local examination.
- 7- Determine the appropriate diagnostic tools and therapeutic lines for the most important ENT disorders including applicable recent modalities.
- 8- Analyze problems on anatomical, physiologic and pathologic backgrounds, develop a list of differential diagnosis with prioritization and propose a list of investigations in a cost effective way.
- 9- Show commitment to deal with patients in a compassionate manner .
- 10- emphasis on emergencies and early diagnosis of serious illness(epistaxis ,stridor ,traumatic conditions of ENT & facial palsy ).
- 11- Follow rules in dealing with patient.
- 12-Describe the basic anatomy and physiology of the ear, nose, pharynx, larynx, esophagus and trachea.
- 13-Determine ENT symptomatology, methods of examination and investigations applied for diagnosis in ENT.
- 14- Describe the clinical symptoms and signs and management of the most important and common Ear disorders (Acute inflammation of the external & middle ear cleft , Non-suppurative otitis media , Chronic suppurative otitis media & complication of otitis media ) .
- 15- Describe the clinical symptoms and signs and management of the most important and common nasal disorders (Acute and chronic inflammations of the nasal cavity and para nasal sinuses, Allergic and non-allergic rhinitis , nasal polyposis & complication of rhinosinusitis ).
- 16- Describe the clinical symptoms and signs and management of the most important and common neck disorders (diseases of adenoid , tonsil ,larynx & salivary glands & suppuration of the pharynx) .
- 17- Recognize normal anatomical landmarks in a model or a picture.
- 18- Recognize different common lesions in the ear, nose and throat.
- 19-Recognize instruments used in diagnosis and in common surgery.
- 20- Report common signs on plain X-ray, CT scan pictures and MR images and determine its significance.
- 21- Recognize different types of deafness and its degree as demonstrated in pure tone audiogram and different types of tympanometric curves and define its significance.
- 22-** Respect colleagues staff and assistants respectively.
- 23-** Work effectively in groups .
- 24-Co-operate with colleagues and help them .

## 2- Contents(title) of MSc. program

Topic	N.o. of hours		
	Lectures	Clinical rounds	Total
Congenital and traumatic conditions of the middle ear Cleft	4	2	6
Conductive deafness	4	2	6
Acute inflammation of the middle ear cleft	4	2	6
Non-suppurative otitis media	5	3	8
Chronic suppurative otitis media	5	3	8
Management of chronic suppurative otitis	4	2	6
Epistaxis	4	2	6
Acute and chronic inflammations of the nasal cavity and para nasal sinuses	5	3	8
Complications of acute and chronic sinusitis	4	2	6
Allergic and non-allergic rhinitis	5	3	8
Nasal polyposis	4	2	6
FESS/ Nasal surgery	5	3	8
Diseases of the salivary glands	3	1	4
Diseases of the tonsils and Adenoid	3	1	4
Diseases of the pharynx	4	2	6
Oesophageal conditions in the practice of ear, nose and throat surgery	3	1	4
Tracheostomy	3	1	4
Diseases of the larynx	4	2	6

### 3-Courses LOs & Contents matrix:

<b>contents</b>	<b>course Los</b>
Congenital and traumatic conditions of the middle ear Cleft	<b>12,14</b>
Conductive deafness	<b>3,7,13,21</b>
Acute inflammation of the middle ear cleft	<b>,17,18</b>
Non-suppurative otitis media	<b>,17,18</b>
Chronic suppurative otitis media	<b>,17,18</b>
Management of chronic suppurative otitis	<b>3,4,14,17,18</b>
Epistaxis	<b>,19</b>
Acute and chronic inflammations of the nasal cavity and para nasal sinuses	<b>,17,18</b>
Complications of acute and chronic sinusitis	<b>15,17,18</b>
Allergic and non-allergic rhinitis	<b>,17,18</b>
Nasal polyposis	<b>15,17</b>
FESS/ Nasal surgery	<b>,21,22,23,24</b>
Diseases of the salivary glands	<b>,17,18</b>
Diseases of the tonsils and Adenoid	<b>,17,18</b>
Diseases of the pharynx	<b>,17,19</b>
Oesophageal conditions in the practice of ear, nose and throat surgery	<b>,14,15,16,17</b>
Tracheostomy	<b>,19</b>
Diseases of the larynx	<b>,17,18</b>

#### **4)Teaching and learning methods :**

- a Lectures**
- b. Clinical rounds**
- c. Tutorials**
- d. Researches**
- e. Case study**
- f. Other assignments**

## **5) Students evaluation and assessment:**

### **1. Attendance criteria:**

The minimum acceptable attendance in the practical and tutorial classes is 75%. Students fail to attend the required percentage will not be allowed to attend the final practical exam

### **2. Assessment tools:**

Method of assessment	1. Written examination 2. Practical examination 3. Oral examination
Time of assessment	1. Continuous assessments throughout the whole year 2. Student's activities and researches ( February ) 3. Final examination: In June 4. Those who fail to pass the final exam or postpone it can enter the final exam re-held in September

### **3. Allocated marks/Distribution:**

Assessment		Marks allocated
Periodic evaluation and activities		20 (10%)
Final examination	Written	80 (40%)
	Oral	40 (20%)
	Practical	60 (30%)
Total		200 (100%)

- A. The minimum passing score in written exam is 30% (24 mark)
- B. The final minimum passing score is 60% (90 marks), provided at least 30 marks are obtained in the written exam
- C. Passing grades are: Excellent  $\geq 85\%$ , very good  $75\% \leq 85\%$ , good  $65\% \leq 75\%$  and fair  $60\% \leq 65\%$

## **6)Teaching books, notebooks, and references:**

- Diseases of Ear, Nose and Throat by P.L. Dhingra 2014 Elsevier
- Clinical Methods in ENT by PT WakodeJaypee Brothers Medical Publishers Private Limited; 2 edition (2013)
- Clinical ENT Made Easy: A Guide to Clinical Examination by D. BalakrishnanJaypee Brothers Medical Publishers Private Limited; 1 edition (2014)
- Clinical and Operative Methods in ENT and Head & Neck Surgery: A Systematic Approach by ProdulHazarika
- Essential ENT by CorbridgeHodder Arnold; 2 edition (2011)
- Color Atlas of ENT Diagnosis by Tony R. Bull Thieme; Fifth edition (23 September 2009)Thieme; Fifth edition (23 September 2009)
- Practical Guide to Neck Dissection Focusing on the Larynx Authors: Lucioni, Marco(2013)
- European Archives of Oto-Rhino-Laryngology and Head & Neck Editor-in-Chief: J. Olofsson; R. Laszig; M. Remacle European Federation of Oto-Laryngological Societies(2015)
- Clinical and Operative Methods in ENT and Head and Neck Surgery: A Systematic ApproachCBS; 2 edition (1 December 2010)

**Date of approval by department council: 8<sup>th</sup> October, 2021**

*Program Coordinator*

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