



## COURSE SPECIFICATION

Faculty of Medicine- Mansoura University

### (A) Administrative information

(1) Program offering the course.	MD degree of otorhinolaryngology
(2) Department offering the program.	Otorhinolaryngology – Head & Neck Surgery department, Mansoura University
(3) Department responsible for teaching the course.	Otorhinolaryngology – Head & Neck Surgery department, Mansoura University
(4) Part of the program.	<b>Second Part</b>
(5) Date of approval by the Department`s council	<b>14/5/2016</b>
(6) Date of last approval of program specification by Faculty council	<b>9/8/2016</b>
(7) Course title.	<b>ENT &amp; Head and Neck surgery</b>
(8) Course code.	<b>ENT 624</b>
(9) Total teaching hours.	<b>345 hours theoretical 450 hours clinical</b>

**(B) Professional information**

**(1) Course Aims.**

The broad aims of the course are as follows: (either to be written in items or as a paragraph)

- 1-Ability to diagnose common ENT diseases
- 2- Establishment of an algorithm suitable for management of ENT problems
- 3- Ability to perform surgical procedures for treatment of ENT diseases
- 4- To acquire skills needed in diagnosis and management of ENT diseases.
- 5- Training on advanced ENT procedures.

## **(2) Intended Learning Outcomes (ILOs):**

Intended learning outcomes (ILOs); Are four main categories: knowledge & understanding to be gained, intellectual qualities, professional/practical and transferable skills.

On successful completion of the course, the candidate will be able to:

### **A- Knowledge and Understanding**

The Postgraduate master Degree in Otorhinolaryngology provides opportunities for candidates to know and learn the following entities in relation to Otorhinolaryngology diseases and surgeries.

- A1. Discuss etiology, pathology, diagnosis and management of diseases of the ear.
- A2. Recognize diagnosis and management of rhinology diseases and diseases of the anterior skull base
- A3. Identify pathophysiology, management of diseases of the larynx
- A4. Identify principles of head and neck surgery, maxillofacial and facial plastic surgery.

### **B- Intellectual skills**

The Postgraduate master Degree in Otorhinolaryngology provides opportunities for candidates to achieve and demonstrate the following intellectual qualities

- B1. Outlines the therapeutic measures in the field of diseases of ORL, language and swallowing and applies them surgically, pharmacologically and behaviorally in order to be able to draw and perform the strategy of the therapy in the field efficiently.
- B2. Collects complete, clear and organized information about the patient's ailments in order to be able to analyze it and formulate a preliminary idea concerning the etiological diagnosis of ailments.
- B3. Analyses the speech (verbal) message of the patient concerning voice, phonology, semantic, syntax, and morphology in order to be able to describe precisely the type and degree of pathological aspects of communication.

### **C- Professional/practical skills**

The Postgraduate master Degree in Otorhinolaryngology provides opportunities for candidates to demonstrate the following professional/practical skills:

- C1. Examines patients with disorders of ENT and swallowing clinically and instrumentally and performs related formal tests on those patients in order to reach detailed etiological diagnosis and suggests prognosis.
- C2. Examines the ear, nose, pharynx and larynx as well as the nervous system efficiently in order to detect organic changes and evaluate its significance and in order to associate between these signs and the symptomatology collected previously.
- C3. Practice treatment methods in Ear diseases.
- C4. Practice treatment of Nose diseases.
- C5. Practice treatments of larynx diseases.
- C6. Practice treatment and rehabilitation methods in pharyngeal diseases including dysphagias.
- C7. Practice treatments of salivary gland diseases
- C8. Practice treatments of maxillofacial fractures

### **D- Communication & Transferable skills**

The Postgraduate master Degree in Otorhinolaryngology provides the opportunity to demonstrate the following transferable skills:

- D1. Communicates effectively with patients, families, and the public, as appropriate, across a broad range of socioeconomic and cultural backgrounds.
- D2. Cooperates with disciplines related to disorders of voice, speech, language and swallowing in order to participate in teamwork necessary for the proper management of those patients.
- D3. Conveys his/her ideas to specialists in other disciplines in order to be able to function effectively in a group.
- D4. Identifies the capacities and limitations of the other medical specialties participating with him/her in the clinical teams in order to be able to put effectively an integrated, realistic therapeutic program.
- D5. Practices the activities of group interaction in order to be able participate efficiently in the activities of the clinical teams.

**(3) Course content:**

Subjects	Lectures	Clinical	Laboratory	Field	Total Teaching Hours
Otology and neurotology	5 hours weekly 15 weeks	7 hour weekly 15 weeks			180 hours
Rhinology and anterior skull base	5 hours weekly 15 weeks	7 hour weekly 15 weeks			180 hours
Laryngology	5 hours weekly 15 weeks	7 hour weekly 15 weeks			180 hours
Head and neck surgery	5 hours weekly 15 weeks	7 hours weekly 15 weeks			180 hours
Maxillofacial surgery, facial plastic surgery	3 hours weekly 15 weeks	2 hours weekly 15 weeks			75 hours

**(4)**

**(5) Teaching methods:**

- 4.1 Lectures
- 4.2 Seminars and Conferences
- 4.3: Attendance in outpatient clinic
- 4.4: Attendance of surgical procedures

**(6) Assessment methods:**

- 5.1: Written exam for assessment of knowledge and intellectual skills.
- 5.2: MCQ exam for assessment of knowledge and intellectual skills.
- 5.3: Oral exam for assessment of knowledge and intellectual skills.

5.4: clinical exam for assessment of professional, practical and transferrable skills.

5.5: Operative exam for assessment of professional, practical and transferrable skills.

**Assessment schedule.**

Assessment 1.....week/month.... 18.....

Assessment 2.....week/month.... 18.....

Assessment 3.....week/month.... 18.....

Assessment 4.....week/month.... 18.....

**Percentage of each Assessment to the total mark.**

Written exam: 240 (40%)

MCQ exam: 60 (10%)

Clinical exam: 100 (16.6%)

Oral exam exam : 100 (16.6%)

Operative exam: 100 (16.6%)

Other assessment without marks:

-Attendance Criteria: Minimum acceptance attendance in each course is 75%

-Log book fulfillment

**(7) References of the course.**

6.1: Hand books: essentials of otorhinolaryngology

6.2: Text books Scott brown's otorhinolaryngology, Cumming's otorhinolaryngology, Meyer's operative otorhinolaryngology

6.3: Journals: Laryngoscope, otolaryngology head and neck surgery, journal of laryngology and otology, clinical otolaryngology, rhinology,

6.1: Websites: ncbi.nlm.nih.gov,

<http://www.utmb.edu/otoref/grnds/grndsindex.html>

6.1: Others:.....

**(8) Facilities and resources mandatory for course completion.**

Candidates and their learning are supported in a number of ways:

- Induction course introducing study skills
- Candidates logbook
- Program Specification and Handbooks
- Extensive library and other learning resources
- Computer laboratories with a wide range of software
- Intranet with a wide range of learning support material
- MSc/MD Dissertation Supervisor

**Course coordinator: Prof. Asser Abdelraoof Elsharkawy**

**Head of the department: Prof. Ahmed Ali Eldegwi**

**Date:**

**P.S. This specification must be done for each course.**