

Benha University
Faculty of Medicine
Department of Oro-rhinoLaryngology

Programme(s) on which the course is given: M.B,B.Ch.
Major or minor element of program: NONE
Department offering the program: Oro-rhinoLaryngology
Department offering the course: Oro-rhinoLaryngology
Academic year / level: 4th year / undergraduate level
Date of specification approval: 10/2007 and 3/2010

A- Basic Information

Title: Oro-rhinoLaryngology course **Code:** Medicine 07 12

Credit hours: Lectures: 38 hours Clinical/ small group sessions:96 hours
Total: 134 hours

B- Professional Information

1. Overall aims of course:

- To provide students with appropriate background covering the common and important oto-rhino-Laryngology emergencies and diseases as well related head and neck diseases in children and adults
-
- To enable students to obtain a detailed history from patients and experience clinical ORL and head and neck examination and be familiar with recent methods of diagnosis and proper management and indications of specialist referral

2. Intended learning outcomes of course (ILOs)

a. Knowledge and Understanding:

By the end of the course, students should be able to:

- A- Describe the causes of common ORL emergencies and disorders and the method of transmission of common ORL infections
- B- Describe clinical symptoms and signs of the most important ORL disorders
- C- Determine the appropriate diagnostic tools and therapeutic lines for the most important ORL disorders including applicable recent modalities
- D- Outline the management priorities for different ORL emergencies
- E- Recognize different rehabilitation for the most common permanent handicapping problems in ORL
- F- Explain the relationship between some general symptoms of illness and ORL and other specialities.

b. Clinical Skills:

By the end of the course, students should be able to:

- A- Take proper history from patients with ORL and related head and neck problems
- B- Perform adequate clinical examination for ORL and head and neck patients, identify diversions from normal and use equipments available to the primary care practitioner
- C- Present patient data in an organized and informative manner
- D- Suspect complications of major diseases beyond the capacities of general practitioner and to determine when to refer to the specialist

c. Intellectual skills:

By the end of the course, students should be able to:

- A- Interpret the most important symptoms and signs of diseases in ORL and head and neck patients
- B- Formulate appropriate management plans for individual patient presenting with the most common ORL and related head and neck disorders

d. General Skills:

By the end of the course, students should be able to:

- A. communicate properly with patients to have relevant data related to their problem

e. Attitude:

By the end of the course, students should be able to:

- A. React kindly and respectfully to the patient during the history taking and clinical examination

3. Contents:

Topics	% total hours	No of hours		
		Total	Lectures	Practical small groups
Ear <ul style="list-style-type: none">- Anatomy of the ear- Physiology of the ear- Diseases of the external canal- Diseases of the tympanic membrane- Diseases of the middle ear- Complications of suppurative otitis media- Diseases of the inner ear- Diseases of the vestibule-cochlear nerve- Diseases of the facial nerve- Clinical, Radiology, MCQ, commentarty & instruments	32.8%	44	12	32

Nose <ul style="list-style-type: none"> - anatomy of the nose & sinuses - physiology the nose & sinuses - diseases the nose & sinuses - Clinical, Radiology, MCQ, commentarty & instruments - Miscellaneous conditions of the nose & sinuses - Operations of the nose & sinuses 	26.9%	36	8	28
Pharynx <ul style="list-style-type: none"> - Anatomy & physiology of the pharynx - Diseases of the pharynx Operations of the pharynx	18.3%	24.5	6	18.5
Esophagus <ul style="list-style-type: none"> - Anatomy & physiology of the esophagus Diseases & miscellaneous conditions of the esophagus	3%	4	2	2
Larynx <ul style="list-style-type: none"> - Anatomy of the larynx - Physiology of the larynx - Diseases of the Larynx - Miscellaneous conditions of the larynx Operations of the larynx	16%	21.5	8	13.5
Neck <ul style="list-style-type: none"> - Anatomy of the cervical trachea Tracheostomy	3%	4	2	2
Total			28.9%	76.1%

Clinical Cases Include:

External Ear	Wax F.B in the ear Acute diffuse otitis externa Frunculosis Otomycosis
Middle Ear	Acute suppurative otitis media Chronic suppurative otitis media Chronic suppurative otitis media complications Otosclerosis Facial nerve paralysis
Inner Ear	Vertigo Hearing loss

Nose	Trauma, foreign body and epistaxis Nasal allergy Nasal obstruction Nasal polypi, antrochoanal polyp Atrophic rhinitis and rhinoscleroma Snoring and sleep apnea
Pharynx	Acute and chronic pharyngitis Dysphagia
Larynx	Hoarsness, stridor, tracheostomy

4- Teaching and learning methods:

A.. Methods used:

- 1- Lectures : 38 hours, 2 lectures/week for 19 week
- 2- Clinical training: 96 hours, students are divided into 4 subgroups with regular shift between the following:
 - clinical rounds: 64 hours, 4 days /week for 8 weeks(2 hours/day)
 - ORL wards 10 hours
 - Outpatient clinic: 10 hours
 - Live & videotaped surgical demonstrations 12 hours

B.. Methods for disabled students:

No special arrangements are available

5- Student assessment methods:

- a) Written examination to assess knowledge acquisition
- b) MCQ & problem solving to assess intellectual skills
- c) Practical examination to assess practical skills
- d) Objective structural oral questions to assess (understanding and stability of knowledge given, attitude and presentation)

Assessment schedule:

Assessment 1 (Post round clinical examination) held one/year at the end of the clinical rounds for all students

Assessment 2 Term examination (MCQ)

Assessment 3 (written, clinical & oral) Final examination at the end of the academic year for all students

Weighting of assessment:

Examination	Marks allocated	
Post round clinical examination		10
Term examination	MCQ	40
Final Examination	Written	100
	Practical	30
	oral	20
Total		200

- 5 marks will be discounted from those who will attend less than 75% of lectures and clinical rounds
- Post round examination (practical) case study instruments, radiological films and clinical cases on data show : 10 marks (5%) for each group
- MCQ examination for the whole course: 40 marks (20%)
- Practical examination including case study, instruments, radiological films and clinical cases on data show : for all groups 30 marks (15%).
- Written examination in the form of 2 commentary questions , short and long questions : 100 marks (50%)
- Oral examination 20 mark (10%)

The minimum passing score is 120 marks provided at least 30 marks are obtained in the final written examination

Passing grades are: Excellent $\geq 85\%$, Very good $75\% - < 85\%$, Good $65\% - < 75\%$ and Fair $60\% - < 65\%$

6- Facilities required for teaching and learning:

- Lecture halls: provided by the faculty and the hospital
- Audio-visual teaching equipments (Computer & Data show)

Course Coordinator: Prof. Dr. Ahmed M. Saleit

Head of Oto-Rhino-Laryngology Department: Prof. Dr. Ahmed M. Saleit