



Faculty of Medicine
Quality Assurance Unit



Assiut University
Faculty of Medicine
Department Of Ear Nose
and Throat

Ear, Nose and Throat Course Specifications

4th year of M.B.B.Ch. Program
2016-2017

Ear, Nose and Throat

University: Assiut

Faculty: Medicine

Department: Ear ,Nose and Throat

1- basic course information

Course title: Ear, Nose and Throat .

Code: AMed015

Academic year / Level: 4th year

Programme(s) on which the course is given: M.B.B.Ch. program

Department offering the course: Ear, Nose and Throat
department

Lecture: 64 hours **Tutorial/ Practical:** 6 weeks (3 days / week).

External evaluator:

Abd Elmateen Mousa : Professor of Ear, Nose and Throat , Faculty of Medicine,
Sohag University.

Date of last revision: 10-2016

2- Overall aims

- To provide the student with the knowledge, and skills that enable him/her to identify, analyze, manage and/or refer clinical common **Ear Nose and Throat(ENT)** problems in order to provide efficient, cost effective and humane patient care.
- To provide the student with an appropriate background covering the common and/or life threatening **ENT** diseases emergencies.
- To enable the student to detect **ENT** cancer diseases at an early stage.
- To enable the development and application of appropriate ethical principles, professional attitude and communication skills.

3- Intended Learning Outcomes (ILOs)

A- Knowledge and understanding:

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

A1- Describe the **ENT** anatomy and physiology of surgically-important regions, organs and structures of the body.

A2- Describe the etiology, pathogenesis, clinical features, and complications of common and life threatening **ENT** conditions.

- A3- Describe principles of prevention, and management of common and life threatening **ENT** conditions.
- A4- Mention basic steps of simple **ENT** surgical operations and explain the basic principles of major operations.
- A5- Mention the principles and practice of preoperative preparation and postoperative care including pain management.
- A6- Mention the methods of early detection **ENT** cancer
- A7- Identify ethical aspects of **COMMON ENT** surgical practice.
- A8- Recognize common **ENT** medical errors and malpractice in surgery.

B- Intellectual skills

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

- B1- Interpret patients' symptoms and physical signs in terms of their anatomic, pathologic and functional diagnostic significance.
- B2- Analyze common **clinical ENT** problems.
- B3- Prioritize the appropriate investigations needed for every **ENT** patient.
- B4- Integrate the results of clinical and investigatory findings to formulate appropriate cost effective diagnosis and management plan for common **ENT** problems.
- B5- Plan an initial course of management to stabilize patients with common **ENT** emergencies.
- B6- Evaluate the effectiveness of therapy and re-evaluate management plan accordingly.
- B7- Predict complications of serious **ENT** diseases beyond the capacities of general practitioner and determine when to refer them to specialist.
- B8- Classify factors that place the individuals at risk for special **ENT** diseases.
- B9- Retrieve, analyzes, and synthesizes relevant and current data using information technologies and integrate the best research evidence with clinical expertise and patient values.
- B10- Write a safe prescription for common and important **ENT** conditions.

C- Professional clinical skills

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

- C1- Obtain accurate and complete history OF common **ENT** diseases.
- C2- Examine the patient systematically as well as locally with proper note keeping.
- C3- Perform an emergency-directed examination for patients with **ENT** emergencies including trauma.
- C4- Elicit normal ENT anatomy
- C5- Identify the most significant clinical manifestations of common and life threatening **ENT** diseases including surgical emergencies.
- C6- Perform simple bed-side tests
- C7- Examine pathological lesions in jars containing postoperative **ENT** surgical specimens of common ENT surgical conditions.
- C8- Examine various radiological features of **ENT** surgical diseases.
- C9- Examine surgical instruments and link between these instruments and ENT surgical operations.
- C10- Conduct the principles of sterile techniques and infection control guidelines.
- C11- Perform first aid measures and initial therapy for injured and acutely ill patient

D- General and transferable skills

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

- D1- Communicate effectively with patients, and their families.
- D2- Deliver information to the patients and their families in a humane and respectable manner
- D3- Communicate effectively with other health care providers and community through verbal and non-verbal means of communications.
- D4- Respect interdisciplinary team work and solve problems related to work management and among colleagues.
- D5- Write patients' records and present them in a proper way.
- D6- Demonstrate ability to retrieve, manage and present information including electronically
- D7- Conduct reliable and responsible behaviors
- D8- Respect patient will, privacy and dignity
- D9- Evaluate their work and discuss professional errors in an honest way
- D10- Adopt the principles of life long learning.

4- Course Contents

Topic	Lecture	Tutorial/ Practical
A- Otology:	20	10 Hours
1. Anatomy of the external, middle and inner ear.	1	1
2. The mechanisms of hearing and equilibrium.	1	1
3. Diseases of the external ear: a. Congenital anomalies. b. Wax. c. Inflammations. d. Foreign bodies. e. Effects of trauma.	3	1
4. Diseases of the middle ear as: a. Trauma. b. Acute suppurative otitis media. c. Non-suppurative otitis media. d. Chronic suppurative otitis media (safe and unsafe). e. Complications of CSOM. f. Otosclerosis and tumours.	5 2 2	1 1 1

5. Meniere's disease (and briefly other causes of vertigo)	1	1
6. Facial nerve paralysis	1	1
7. Types and causes of deafness.	2	1
8. Ear wash and ear operations as myringotomy and cortical and radical mastoidectomy.	2	1
B- The Nose:	15	7 Hours
1. Anatomy and physiology of the nose and paranasal sinuses.	1	1
2. Congenital diseases of the nose.		1
3. Effects of Trauma.	4	
4. Diseases of the nasal septum: septal deviation, abscess and perforation.		
5. Acute and chronic inflammations.	5	1
6. Allergic rhinitis.		
7. Vasomotor rhinitis.		
8. Nasal polyps.		
9. Epistaxis		
10. Acute and chronic sinusitis and their complications	2	1
11. Benign and malignant tumours of the nose and paranasal sinuses.	1	1
12. Disorders of smell.	1	1
13. Operations: antral puncture and lavage, intranasal antrostomy, Caldwell – Luc's operation, submucous resection and the principles of endoscopic sinus surgery.	1	1
C- Pharynx and Oesophagus:	15	7 Hours
1. Anatomy and function of the pharynx and oesophagus	1	1
2. Nasopharyngeal diseases: Adenoid, nasopharyngeal fibroma and carcinoma	2	1
3. Acute and chronic inflammations of the oropharynx.	2	2
4. Adenoidectomy, tonsillectomy.		

5. Suppurations related to the pharynx. 6. Ulcerations and tumors	5	
7. Diseases of the hypopharynx: Plummer Vinson syndrome, tumors and pharyngeal pouch.	2	1
8. Oesophageal diseases in relation to the otolaryngologist: foreign body, corrosive oesophagitis, oesophageal strictures and achalasia.	2	1
9. Oesophagoscopy.	1	1
D- Larynx:	14	6 Hours
1. Anatomy and functions of the larynx.	1	1/2
2. Congenital diseases of the larynx.	2	1/2
3. Trauma and foreign body inhalation.	1	1/2
4. Laryngeal oedema.	1	1/2
5. Acute and chronic inflammation	1	1/2
6. Laryngeal polyps and singer nodes.	1	1/2
7. Laryngeal paralysis.	2	1/2
8. Benign and malignant tumours.	2	1/2

5- Teaching and learning methods

- Lectures
- Clinical sessions
- Small group teaching and problem solving (case studies)
- E-Learning system interactive discussions.

Facilities required for teaching and learning

- a. Computers and data Show.
- b. Conditioned rooms.
- c. E.N.T basic examination sets.
- d. Demonstration sets
- e- E-Learning

6- Teaching and learning methods for students with learning difficulties:

- 1- Lectures
- 2- Clinical sessions
- 3- Small group teaching and problem solving
- 4- Special classes outside the teaching schedule

7-Student assessment methods

1. Written Exam. **to assess** Knowledge and understanding. (A1-A8)
2. Oral Exam. **to assess** Knowledge and understanding(A1-A8), Intellectual skills(B1-B10), and general skills(D1-D10),
3. Clinical Exam. **to assess** Clinical skills(C1-C10),, Intellectual skills(B1-B10),, and general skills (D1-D10),
- 4-Formative assessment by Electronic quizzes **to assess** Knowledge and understanding. (A1-A8) and Intellectual skills(B1-B10),,

Assessment schedule

Assessment 1	Written at the end of the course.	} 4 weeks
Assessment 2	Clinical at the end of the course.	
Assessment 3	Written.	} Final Exam.
Assessment 4	Oral.	
Assessment 5	Clinical.	

Weighting of assessments

End of rotation examination	10%
<i>Mid-term examination</i>	10 %
Final examination:	
Written examination	50 %
Clinical examination	15 %
Oral examination	15 %
<i>Total</i>	100 %

8- List of references

1. Essential books (text books). Synopsis
2. Recommended books Scott - Brown's Otoloryngology (2008)
3. Periodicals, Web sites,... etc Laryngoscope.

Course Coordinators:

Prof Dr. Ahmed Abo El wafa.

Assistant Lecturer: M. Omar.

Head of department:

Prof Dr. Ezate Mohamed Saleh.

10-2016