

Ear, Nose and throat (E.N.T.)

Course Specifications

Faculty : Medicine

University: Tanta

Program(s) on which the course is given: M.B. & B.Ch. Program

Department offering the course: Ear, Nose and throat (E.N.T.)

Academic year / Level: 4th year 2009/2010

Date of specification approval: *This document has been approved by:*

- The Board of Department of ENT on: August 2009
- The Internal Quality Assurance & Accreditation Center: on September 2009
- Council of the Faculty of Medicine, Tanta University on: September 2009

A- Basic Information

Title: Ear, Nose and Throat (ENT): 4th Year

Code: TMED 04: 02

Credit Hours: Not applied

Lecture: 64 hours

Tutorial: Not applied

Practicals: 48 hours

Total: 112 hours

B- Professional Information

1 - Overall Aims of Course

- **To provide students with an appropriate foundation of knowledge covering the ENT emergencies and common diseases in the ear, nose, throat and head & neck disease in children and adults.**
- **To enable students to recognize important clinical lesions and be familiar with recent methods of diagnosis and proper management.**

2 - Intended Learning Outcomes of Course (I LOs)

a- Knowledge and Understanding:

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

al-Describe the basic anatomy and physiology of the ear, nose, pharynx, larynx, oesophageus and trachea.

a2- Determine ENT symptomatology, methods of examination and investigations applied for diagnosis in ENT.

a3- Describe the clinical symptoms and signs and management of the most important and common ENT disorders with emphasis on emergencies and early diagnosis of serious illness.

a4- Determine the appropriate diagnostic tools and therapeutic lines for the most important ENT disorders including applicable recent modalities.

a5- Explain the relationship between some general symptoms or illness and ENT diseases and the interaction between ENT and other specialties

a6- Define and describe the basics of audiologic testing and phoniatrics

b- Intellectual Skills

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

b1- 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.

b2- Formulate appropriate management plans for individual patients presenting with the most common ENT and related head & neck disorders.

c- Professional and Practical Skills:

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

c1- Recognize normal anatomical landmarks in a model or a picture.

c2- Recognize different common lesions in the ear, nose and throat.

c3- Recognize instruments used in diagnosis and in common surgery.

c4- Report common signs on plain X-ray, CT scan pictures and MR images and determine its significance.

c5- Recognize different types of deafness and its degree as demonstrated in pure tone audiogram and different types of tympanometric curves and define its significance.

c6- Define diseases beyond the capacities of general practitioner and determine when to refer them to specialist.

d- General and Transferable Skills

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

d1- Show commitment to deal with patients in a compassionate and altruistic manner.

3- Contents:

Subject	Total hours	Lecture	Practical
1- Ear	42	24	18
2- Nose	28	16	12
3- Pharynx	17	10	7
4-Oesophagus	4	2	2
5-Larynx	17	10	7
6- Neck	4	2	2
Total	112 hrs	64 hrs	48 hrs.

Clinical Cases:

* Real patients for demonstration of common lesions displayed by a camera on a data show

* Clinical cases & surgeries will be delivered as electronic pictures and movies

Cases: include common ENT diseases.

Surgery: Tonsillectomy, adenoidectomy, tracheostomy, diagnostic nasal endoscopy, endoscopic sinus surgery, laryngoscopy, tracheobronchoscopy, myringotomy with

ventilation tube and first aid procedures

4- Teaching and Learning Methods

4.1: Methods Used:

a. Lectures.

b. Clinical rounds:

Small group teaching, problem based learning, data show presentations including pictures & video clips, live cases and surgeries with interactive discussions.

c. Attendance with guidance in:

- *ENT wards: once / week.*
- *Outpatient clinic: once / week.*
- *OR attendance: once / week.*

4.2: Methods for Disabled Students:

No special arrangements are available

4.3: Teaching Plan:

"Lectures: In the lectures hall of the faculty (Anatomy lecture hall) from 11.30-12.30 am Sunday & Monday weekly.

"Clinical rounds: Each term, students are divided into six groups (60, 60 and 20 students). The first two groups attend in the 2 lecture rooms in the ENT outpatient clinic. The third group (20 students) attends in the examination room in the outpatient clinic, the OR and the ward in the inpatient dept a day/week.

Time Plan:

Item:	Time schedule	Teaching hours	Total hours
Theoretical lecture	Sun, Mon, Tues, Wedn 1.00- 2.00 pm	1 hrs x 64 lectures	64 hrs
Clinical Training	6 days/week 9.00- 11.00	(2 h x 6) x 4 weeks	48 hrs
TOTAL			112 hrs

5- Student Assessment Methods

5.1- Mid year examination MCQ to assess knowledge and understanding. (Outcomes #1-5)

5.2 -Written examination (Short essay, problem solving and short answer questions) to assess knowledge and understanding (Outcomes # 1-5 and b1&b2)

5.3 -Oral examination to assess knowledge and understanding (Outcomes #1-c1)

5.4-Clinical examination to assess practical skills (Outcomes # c1-c6)

5.5- Assignment to assess skills (Outcomes # b3,b4,c1)

Assessment Schedule

Assessment 1: Mid year exam April 2008

Assessment 2: Final exam June 2008

Weighting of Assessments

End-Round Exam	5 %
Mid-year Examination	15 %
Final-term Examination	50 %
Oral Examination	15 %
Clinical Examination	15 %
<u>Other types of assessment</u>	<u> %</u>
Total	100 %

1- The minimum acceptable attendance is 75% of the clinical rounds; students who fail to attend that percentage of activities will not be allowed to take the final examination.

2- Assessment Tools:

TOOL	PURPOSE
Written examination (Short essay, problem solving and short answer questions)	Assessment of knowledge and understanding. (Outcomes # 1-5 and 12&13)
Term examination MCQ	Assessment of knowledge and understanding. (Outcomes #1-5)
Clinical examination	Assessment of clinical skills (Outcomes 6-11)
Oral examination	Assessment of Knowledge and understanding. (Outcomes #1-6)
Assignment	Assessment of skills (Outcomes #14-16)

3- Time Schedule:

End Round Exam: Held at the end of each round

Mid Year examination: held once / year at the end of the three rotations.

Final examination: at the end of academic year for all students.

4- Grading System:

Examination:		Marks allocated
End Round Exam	MCQ	10
Mid Year examination	Written exam (MCQ)	30
Final examination	Written	100
	Clinical	30
	Oral	30
TOTAL		200

- The minimum passing score is 120 marks provided at least 20 marks are obtained in the final written examination.
- Passing grades are: EXCELLENT > 85%, VERY GOOD 75-<85%, GOOD 65-<75% and FAIR 60-<65%.

5- Examinations Description:

Examination	Description		Marks
End Round	Written	MCQ	10
Mid Year	Written	MCQ	30
End of Year	Written	2 hours written paper composed of short essay, problem solving and short ansv\ questions.	100
	Oral	oral examination	30
	Clinical	Data show Stations of instruments, anatomical models, lesions pictures, radiological documents and audiological documents (PTA&Tymp)	30
			200

6- List of References

6.1-Course Notes

- **Standard department book: Available for students to purchase from different bookshops at the faculty.**
- **CDs loaded with data used during clinical and theoretical teaching.**

6.2- Essential Books (Text Books)

6.3- Periodicals, Web Sites,... etc

Websites: www.tanta.edu.eg

7- Facilities Required for Teaching and Learning

- **Lecture halls: One in the second floor of the faculty building for the theoretical lecture.**
- **Two teaching rooms in the outpatient clinic: (Capacity 100 students each), air conditioned supplied with Digital camera for demonstration, data show and connected to the operation theatre and inpatient examination rooms with interactive facilities.**

Course Coordinator:

Prof. Dr. Ahmed Moawad Gamea

Head of ENT Department:

Date: 30 / 8 / 2009

