



COURSE SPECIFICATION

(Thoracic Surgery)

Faculty of Medicine– Mansoura University

(A) Administrative information

(1) Programme offering the course.	Postgraduate MD degree of Cardiothoracic Surgery/CSUR 627
(2) Department offering the programme.	Cardiothoracic Surgery Dept.
(3) Department responsible for teaching the course.	Cardiothoracic Surgery Dept.
(4) Part of the programme.	Second Part
(5) Date of approval by the Department's council	28 / 3 /2016
(6) Date of last approval of programme specification by Faculty council	9/8/2016
(7) Course title.	Thoracic Surgery
(8) Course code.	CSUG 627 TS
(9) Total teaching hours.	180 teaching hrs. 120 practical hrs. 210 field training
(10) Credit hours	12 lectures 4 clinical training 3.5 field training

(B) Professional information

(1) Course Aims.

The broad aims of the course are .

- 1- To improve the powers of decision making & problem solving in fields of cardiothoracic surgery.
- 2- To create safe competent cardiothoracic surgeons.
- 3- Be an effective member in a teamwork.

Within the overall aim, the Objective of the course is .

Construct a management plan for patients undergoing thoracic surgery.

(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.

- A1 Identify and describe the congenital anomalies of the heart and thoracic structures
- A2 Discuss the applied anatomy of the heart and thoracic structures with its surgical importance.
- A3 Classify and describe the pathological disorders of the heart and thoracic structures with its surgical importance.
- A4 Interpret symptomatology of cardiothoracic disorders to their anatomical and pathological principles

B- Intellectual skills.

- B1 Interpret clinical data to diagnose thoracic diseases.
- B2 Interpret various investigational and radiological tools to confirm diagnosis.
- B3 Analyze Case presentation including history taking, clinical examination, investigations & radiology needed and finally differential diagnosis of the case.

C- Professional/practical skills.

- C1 Evaluate and construct a management plan for patients undergoing thoracic Surgery

D- Communication & Transferable skills.

D1 Create effective doctor/patient communication.

D2 Make clinical decisions and judgments based upon sound evidence for the benefit of individuals and the population served.

(3) Course content.

Subjects	Lectures	Clinical	Laboratory	Field	Total Hours
1 - Perioperative Care of Thoracic Surgery	9	7		12	28
2 - Diagnostic Procedures	9	7		22	38
3 - Thoracic Emergencies	14	12		22	48
4 - Pediatric Thoracic Disorders	14	7		12	33
5 -Trachea	9	7		12	28
6 -Lung	23	14		24	51
7 - Pleurae	14	7		12	33
8 - Chest Wall & Sternum	14	12		12	38
9 Mediastinum	19	12		22	53
10 - Esophageal Neoplasia	9	7		12	28
11 - Gastroesophageal Reflux	9	7		12	28
12 - Benign esophageal disorders	9	7		12	28
13 - Diaphragm	14	7		12	33
14 - Video assisted Thoracic Surgery	14	7		12	33

(4) Teaching methods.

4.1 Lectures.

4.2. Seminars.

4.3. Clinical Rounds.

- 4.4. Operative training.
- 4.5. Grand round Discussion.
- 4.6. Journal clubs.

(5) Assessment methods.

- 5.1. Written exams and MCQ exams for assessment of knowledge & intellectual skills
- 5.2. OSCE exams (Oral, practical and clinical exams) for assessment of intellectual & practical & transferable skills

Assessment schedule.

Assessment 1. Assessment of the log book every month

Assessment 2 : MCQ exams at the end of 3rd and 4th semesters.

Assessment 3. Final written exam at 36th month of admission to MD degree.

Assessment 4 : Final written case commentary exam at 36th month of admission to MD degree

Assessment 5 : OSCE exams (oral, practical and clinical exams) at 36th month of admission to MD degree

Percentage of each Assessment to the total mark.

Written exam. 90 marks

MCQ 30 marks

Case Commentary 30 marks

Clinical exam. 50 mark

Oral exam. 50 mark

Practical exam : 50 mark

(6) References of the course. Text books

- Cardiac surgery (Kirklin/Barratt-Boyes)
- Sabiston & Spencer – Surgery of the Chest

(7) Facilities and resources mandatory for course completion.

- Lecture halls
- Data show equipment
- Operative theatres
- Inpatient ward

Course coordinator:

Dr. Rami Ahmed Sabri

Head of the department:

Prof. Nour Eldin Noaman Gwely

Date: / /