



COURSE SPECIFICATION

(Applied Anatomy related the Heart & Chest)

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. Human Anatomy & Embryology Dept.
(4) Part of the programme.	First 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.	Applied Anatomy related the Heart & Chest
(8) Course code.	CSUR 627 AA
(9) Total teaching hours.	45 teaching hours

(B) Professional information

(1) Course Aims.

The broad aim of the course is.

1- Acquire knowledge and surgical importance of anatomical and pathological principles related to the heart and thoracic structures

Objective of the course :

Define and describe the anatomical relations and congenital anomalies of the heart and thoracic structures and apply its surgical importance.

(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 Interpret symptomatology of cardiothoracic disorders to their anatomical and pathological principles

(3) Course content:

Subjects	Lectures	Clinical	Laboratory	Field	Total Teaching Hours
I- Anatomy of the thorax including: 1- Heart and great vessels.	20				20
2- Tracheobronchial tree and lungs.	2				2
3- Oesophagus.	2				2
4- Chest wall.	2				2
5- Diaphragm.	2				2
6- Thoracic duct and sympathetic chain.	1				1
7- Vagus and phrenic nerves.	2				2
8- Pleura.	2				2
9- Mediastinum.	6				6
II- Anatomy of root of the neck.	2				2
III- Anatomy of the femoral triangle and saphenous veins.	2				2
IV- Anatomy of the radial artery and subclavian artery and ulnar artery and axillary artery and gastroepiploic artery.	2				2

(4) Teaching methods:

4.1. Lectures

4.2. Seminars

(5) Assessment methods:

Written exam and MCQ exam.. for assessment of the course

Assessment schedule:

Assessment 1. Assessment of the log book every month

Assessment 2. Final Exam at 6th month

Percentage of each Assessment to the total mark.

Written exam: 80 %.

MCQ exam : 20 %

(6) References of the course: Text books

- Cardiac surgery (Kirklin/Barratt-Boyes)
- Sabiston & Spencer – Surgery of the Chest
- General Thoracic Surgery (Thomas W. Shields)
- Cardiothoracic Surgery (Gibson)

(7) Facilities and resources mandatory for course completion

- Lecture halls
- Data show equipment.

Course coordinator:

Dr. Rami Ahmed Sabri

Head of the department:

Prof. Nour Eldin Noaman Gwely

Date. / /