



COURSE SPECIFICATION

(Applied Pathology 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. Pathology 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 Pathology related the heart & Chest
(8) Course code.	CSUR 627 AP
(9) Total teaching hours.	30 teaching hours

(B) Professional information

(1) Course Aims.

The broad aim of the course are is.

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 pathology of cardiac and thoracic diseases 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 Classify and describe the pathological disorders of the heart and thoracic structures with its surgical importance.

A2 Interpret symptomatology of cardiothoracic disorders to their anatomical and pathological principles

(3) Course content.

Subjects	Lectures	Clinical	Laboratory	Field	Total Teaching Hours
I-General pathology including:					
1- Wound healing & inflammation.	1				1

2- Circulation	1				1
3- Tumors	1				1
4- Specific infections as T.B and bilharziasis	1				1
5- Blood transfusion	0.5				0.5
6- Degeneration	0.5				0.5
II- Special pathology including:					
1- Respiratory Suppurative lung diseases.	2				2
2- Benign tumors of the trachea, bronchi and lungs	1				1
3- Malignant tumors of the trachea, bronchi and lungs	3				3
4- Mesothelioma and pleural lesions	1				1
5- Chest wall tumors	1				1
6- Chest and masses of the mediastinum.	1				1
III- Oesophageal lesions & tumors.	1				1
IV- Cardiovascular pathology					
1-Ischemic heart diseases and atherosclerosis	1				1

2-Rhaumatic heart diseases & endocarditis.	2				2
3-Pericardium	1				1
4-Cardiac tumors	1				1
V- Pathology of chest wall diseases	1				1
VI- Pathology of diaphragmatic diseases and subdiaphragmatic spaces.	1				1
VII-Pathology of mediastinal diseases.	1				1
VIII- Response to cardipulmonary bypass	1				1
IX- Pathology of cardiopulmonary tranplantation	1				1
X- Pathology of pleural diseases	1				1
XI- Pathology of pulmonary diseases	3				3
XII-Pathology of airway disease	1				1

(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 of admission to MD degree.

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

(7) Facilities and resources mandatory for course completion.

- Lecture halls
- Data show equipment
- Operative theatres
- Inpatient wards
- Supervised attendance at other centers of cardiac surgery by the candidates

Course coordinator:

Dr. Rami Ahmed Sabri

Head of the department.

Prof. Nour Eldin Noaman Gwely

Date: / /