



COURSE SPECIFICATION

Faculty of Medicine– Mansoura University
(Pharmacology related to Chest Medicine)

(A) Administrative information

(1) Programme offering the course.	Master degree of chest medicine
(2) Department offering the programme.	Chest Medicine Department
(3) Department responsible for teaching the course.	Pharmacology Department
(4) Part of the programme.	First Part
(5) Date of approval by the Department's council	15-3-2016
(6) Date of last approval of programme specification by Faculty council	9-8-2016
(7) Course title.	Pharmacology related to chest medicine
(8) Course code.	1st part: CHEST 506
(9) Credit hours.	0.5 credit hour
(10) Total teaching hours.	7.5

(B) Professional information

(1) Course Aims:

The broad aims of the course are as follows: (either to be written in items or as a paragraph)

- 1- To provide knowledge & understanding of the scientific principle of the use of anticoagulants and antimicrobials.**
- 2-To produce physician who are better prepared to treat patients with asthma, T.B, pneumonia properly.**
- 3- To provide knowledge & understanding of the scientific principle of the use of steroids in different chest diseases**

(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- Recognize the different drugs used in patients with asthma**
- A2- Discuss the update in therapeutic protocols of patients with, T.B and pneumonia.**
- A3- Explain the mechanisms of action, indications and adverse effects of different antiviral and antifungals.**
- A4- Recognize when and how to use steroids in different chest diseases**
- A5- Explain the mechanisms of action, indications and adverse effects of anticoagulants, antiplatelet and thrombolytic therapy**
- A6- Explain the mechanisms of action, indications and adverse effects of different sedatives and muscle relaxant in RICU.**

B- Intellectual skills

- B1- To be able to choose appropriate antibiotic in cases of LRTI**
- B2- To apply guidelines for management of asthma**
- B3- To be able to choose appropriate anticoagulant in different situations**
- B4- To be able to choose appropriate type and dose of steroids in different chest diseases**

C- Professional/practical skills

Professional/practical skills are none required

D- Communication & Transferable skills

none required

Course content

Subjects	Lectures
Antibiotics	2
Antituberculous drugs	1
Sedatives and muscle relaxants	0.5
Antifungal and antiviral drugs	1
Bronchodilators	1
Steroids in chest diseases	1
Anticoagulants, antiplatelets & thrombolytics	1
Total teaching hours	7.5

(3) Teaching methods.

4.1: lectures.

4.2: directed and self directed learning activities

(4) Assessment methods.

Assessment schedule.

Assessment 1: Written exam , after one semester of MSC registration

Assessment 2: Oral exam , after the written exam.

Assessment 3: MCQ at the end of the smesteer

Assessment 4: Logbook

Percentage of each Assessment to the total mark.

MCQ: 18

Written exam. 72

Structured Oral exam. 60

Total. 150

(5) References of the course.

6.1. Hand books

6.2. Text books

Clinical pharmacology and therapeutic

Basic and clinical pharmacology

Pharmacology principles and practice

(6) Facilities and resources mandatory for course completion.

Teaching rooms

Course coordinator:

Dr. Dina Aboelkhair, Lecturer of chest medicine

Dr. Heba Wagih, Assistant lecturer of chest medicine

Head of the department: Prof. Mohamad khairy

Date: 31-1-2015