



Quality Assurance Unit



Tanta University
Faculty of Medicine

Department of Pharmacology

Course Specifications

Pharmacology for Chest Master Degree

2021-2022

Pharmacology for Chest Master Degree Course Specifications

University: Tanta

Faculty: Medicine

Department: Pharmacology

A- Administrative Information

1- Course title: Pharmacology for Master degree of Chest

2- Department offering the program: Chest Department

3- Department responsible for the course: Pharmacology Department and Chest Department Faculty of medicine.

4- Course code: CHEST 8003

- Level: First level

6- No. of Credit / taught hours:

(First part): 1 credit hour

Lectures: 10 hours (2/3 credit hour) and 10 h practical (1/3 credit h).

7- Authorization date of course specification: 21-8-2020

B- Professional Information

1 – Overall Course aims

- Perfect the bases and methods of medical pharmacology
- Apply analytical methods when dealing with medical problem
- Oriented with the current medical problems, and updates in pharmacology

2 – Intended learning outcomes (ILOs):

A -Knowledge and understanding:

By the end of the course graduate should be able to

a.1. Summarize the classification, mode of action, indications, contraindications, interactions and adverse effects of drugs used in the field of pulmonary medicine especially asthma, COPD and Tuberculosis. b.1.8. Take a relevant history of a patient's medication regimen

b. Intellectual skills:

By the end of the course the trainee will be able to:

b.1. Take a relevant history of a patient's medication regimen

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3-Course contents

Pharmacology	Theoretical	Practical
Antibiotics use and misuse in pulmonary infection	1 h	2 h
Specific Anti tuberculous treatment	1 h	1 h
Anti-viral drugs	1 h	1 h
Anti-fungal drugs	1 h	1 h
Drugs for treatment and Prophylaxis of asthma	3h	3 h
Drugs used in COPD.	2 h	1 h
Steroids (phobia)	1 h	1 h
Total	10 h	10 h

1- Obligatory course

GENERAL

Drug-drug interactions

ANS

Sympathomimetic

Sympathetic depressants

Parasympathomimetics

Cholinergic antagonist

CNS

Analgesics

BLOOD

Anticoagulants

Thrombolytics & fibrinolytics

Antiplatelets

CVS

Heart Failure

Hypertension

Angina

Acute myocardial infarction

Arrhythmia

Shock and hypotensive state

RESPIRATORY

Drug therapy of bronchial asthma

Treatment of status asthmaticus

Drug therapy of cough

AUTACOIDS

Histamine antagonists

Leukotrienes

ENDOCRINE

Corticosteroids

CHEMOTHERAPY

Classification of Antimicrobials

Beta lactam antibiotics

Aminoglycosides

Chloramphenicol

Tetracycline

Vancomycin

Macrolide antibiotics

Sulfonamides

Quinolones

Chemotherapy of tuberculosis

Antiviral drugs

ESSAY

Treatment of COPD

Treatment of Lung Cancer

2- practical course :

- Prescription writing (4 hours)
- How to manage clinical cases through multiple problem scenarios (4 hours)
- calculation of drug dosage and its individualization according to each patient (2 hours)

4-Teaching and learning methods:hybride

Illustrated lectures:online

Tutorial sessions,attendance

5-Student Assessment: may be electronic but inside the faculty(face to face)

Written examination. One written paper contains multiple long and short questions .to assess (a1)

Oral examination. One sitting (2-3 staff members included in this sitting) to assess (a1.b1).

6- Weighing of assessments

Written examination	25 marks (50%)
Oral examination	25 marks (50%)
Other types of assessment	Through log book
Total	50

- بعد نهاية المقرر يتم تقييم الطالب عن طريق اختبار نهائي.
- يعقد الاختبار مرتين سنويا في شهري ابريل وأكتوبر من كل عام
- يحق للطالب التقدم للامتحان وفقا للائحة و التي تشترط استكمال logbook 75% و الحصول على موافقة رئيس القسم قبل شهر من موعد الامتحان.
- يتكون الامتحان من الاختبارات الآتية
- اختبار تحريري في الفارماكولوجي

• اختبار شفوى في الفارماكولوجي

7- List of references

7-1 Essential books (text books)

-Goodman & Gilman's : The Pharmacological Basis of Therapeutics.

7-2 Recommended books

- Pharmacology (ed. Rang H.P.& Dale M.)

-Lippincott (illustrated pharmacology Review).

- Pharmacology board review (Gary C. Rosenfeld & David S. Loose)

-Clinical Pharmacology (DR. laurence)

7-3- Periodical, web sites:

-Br. J. Pharmacology

- Biochemical Pharmacology

-www. biomed central com.

-www. Pubmed. Com

-www. medscape. Com.

www.eulc.edu.eg

www. Science direct. Com

www.Wiley Blackwell.com

www.Springer.com

8-Other resources/ facilities required for teaching and learning to achieve the above ILOs

None

9- We certify that all of the information required to deliver this course is contained in the above specifications and will be implemented

Course Specifications: Pharmacology for Chest Master Degree 2021-2022

Course coordinator and head of department

name: Prof. Amany Abdin

signature

Date 02/09/2015

Head of quality assurance unit

name: Prof. Manal AlBaramawy

Signature

Date