



**Quality Assurance Unit**



**Tanta University  
Faculty of Medicine**

**Department of Pharmacology**

**Course Specifications**

# **Pharmacology for Chest Diploma Degree**

**2015-2016**

**Pharmacology for Chest Diploma Degree Course Specifications**

University: Tanta

Faculty: Medicine

Department: Pharmacology

**A- Administrative Information**

**1- Course title: Pharmacology for Diploma 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: 02-A04-Pharma**

**- Level: First level**

**6- No. of Credit / taught hours:**

**(First part): 1 credit hour**

**Lectures: 7 1/2 hours ( 1/2 credit hour) and 15 h practical (1/2 credit h).**

**7- Authorization date of course specification: 02/09/2015**

**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 up dates 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

### **3-Course contents**

#### **1- Obligatory course (0.4 credit hour)**

##### **GENERAL(0.5 hours)**

Drug-drug interactions

##### **ANS(0.5 hours)**

Sympathomimetic

Sympathetic depressants

Parasympathomimetics

Cholinergic antagonist

##### **CNS(0.5 hours)**

Analgesics

##### **BLOOD(0.5 hours)**

Anticoagulants

Thrombolytics & fibrinolytics

Antiplatelets

##### **CVS(1 hours)**

Heart Failure

Hypertension

Angina

Acute myocardial infarction

Arrhythmia

Shock and hypotensive state

##### **RESPIRATORY(0.5 hours)**

Drug therapy of bronchial asthma

Treatment of status asthmaticus

Drug therapy of cough

##### **AUTACOIDS(0.5hours)**

Histamine antagonists

Leukotrienes

##### **ENDOCRINE(1 hours)**

Corticosteroids

##### **CHEMOTHERAPY(1 hours)**

Classification of Antimicrobials

Beta lactam antibiotics

Aminoglycosides

Chloramphenicol  
Tetracyclines  
Vancomycin  
Macrolide antibiotics  
Sulfonamides  
Quinolones  
Chemotherapy of tuberculosis  
Antiviral drugs

**ESSAY (0.5 hours):**

Treatment Of COPD  
Treatment Of Lung Cancer

**2- practical course (0.2 credit hour)**

- Prescription writing (3 hours)
- How to manage clinical cases through multiple problem scenarios (1.5 hours)
- calculation of drug dosage and its individualization according to each patient (2 hours)

**4-Teaching and learning methods**

Illustrated lectures  
Tutorial sessions,

**5-Student Assessment**

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 شهرى ابريل و أكتوبر من كل عام
- يحق للطالب التقدم للامتحان وفق بنود المادة 24 من اللائحة و التى تشترط استكمال logbook 75% و الحصول على موافقة رئيس القسم قبل شهر من موعد الامتحان.
- يتكون الامتحان من الاختبارات الآتية طبقا للمادة 5- 58 من اللائحة
- 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](http://www.eulc.edu.eg)

www. Science direct. Com

www.Wiley Blackwell.com

[www.Springer.com](http://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 Diploma Degree 2015-2016***

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Course coordinator and head of department

name :Prof. Mohamed Nabih Abdel Rahman Abdel Dayem

signature

Date 02/09/2015

Head of quality assurance unit

name: Prof. Essam Al Halaby

Signature

Date