



COURSE SPECIFICATION

(Internal medicine)

Faculty of Medicine– Mansoura University

(A) Administrative information

(1) Programme offering the course.	MSc degree of clinical pharmacology
(2) Department offering the programme.	Clinical pharmacology department
(3) Department responsible for teaching the course.	Internal medicine department
(4) Part of the programme.	First part
(5) Date of approval by the Department's council	10/7/2016
(6) Date of last approval of programme specification by Faculty council	9-8-2016
(7) Course title.	General medicine
(8) Course code.	CPHARM 510
(9) Credit hours	6h lectures 1h practical
(10) Total teaching hours.	120

(B) Professional information

(1) **Course Aims:**

The broad aims of the course are to:

- 1- Develop the ability to perform focused relevant history taking and accurate clinical examination in patients with different diseases affecting various body systems.
- 2- Optimize clinical application of drugs in medical practice.

(2) Intended Learning Outcomes (ILOs):

On successful completion of the course, the candidate will be able to:

A- Knowledge and Understanding

1. Recognize importance of different elements of history taking
2. Describe clinical presentation of hypertension and ischemic heart disease, infective endocarditis and updated guidelines in their treatments.
3. Recognize hemodynamic changes in heart failure and how to treat.
4. Describe causes and how to manage gastrointestinal reflux disease (GERD), jaundice ,pancreatitis, upper gastrointestinal bleeding, inflammatory bowel disease (IBD), fulminant hepatic failure and viral hepatitis
5. Identify clinical presentation lines of management of nephritic, nephritic syndrome, acute and chronic renal failure.
6. List cause and lines of treatment of proteinuria, hypercalcemia, osteoporosis and hypoglycemia.
7. Describe clinical presentation and lines of treatment of diabetes mellitus ,thyroid dysfunction, Addison disease and Cushing syndrome
8. List causes and different types of anemia.
9. Describe clinical presentation and protocols of management of disseminated intravascular coagulation (DIC) and leukemia
10. Study the causes and management of pyrexia of unknown origin, acute abdominal pain, hypo and hyperthermia.
11. List different causes of proteinuria and how to manage

B- Intellectual skills

1. Interpret clinical features, their reliability and relevance to clinical scenarios including recognition of the breadth of presentation of common disorders.
2. Interpret results of investigations to reach a diagnosis.
3. Assess and respond to the manifestations of a patient's deterioration.

C- Professional/practical skills

1. Perform an examination relevant to the presentation and risk factors.
2. Demonstrate ECG reading and blood pressure measurement.

D-Communication & Transferable skills

1. Work effectively within a team.
2. Access information effectively in library and midline data base.
3. Keep up to date with national reviews and guidelines of practice (e.g. NICE and SIGN).
4. Show respect and behaves in accordance with Good Medical Practice.
5. Engage in effective team-working around the improvement of health

(3) Course content: 1st semesters

Subjects	Lectures	Bed side teaching
Hypertension	3	1
Myocardial infarction	3	1
Infective endocarditis	3	1
Heart failure	3	1
Diabetes mellitus (classification, diagnosis, management, complications)	3	1
hypoglycemia	3	1
Addison disease	3	1
Cushing syndrome	3	1
hyper and hypothyroidism	3	1
osteoprosis	3	1
hypercalcemia	3	1
Acute & chronic renal failure	3	1
Nephrotic syndrome	3	1
Nephritic syndrome	3	1
Proteinuria	3	1
2nd semesters (3+0.5)		
Subjects	Lectures	Bed side teaching
Viral hepatitis	3	1
Viral hepatitis(cont)	3	1
Fulminant hepatic failure	3	1
Upper GIT bleeding	3	1
Peptic ulcer	3	1
GERD	3	1
Jaundice	3	1
Inflammatory bowel disease	3	1
pancreatitis	3	1
Anemias	3	1
leukemia	3	1

DIC	3	1
Pyrexia of unknown origin	3	1
Hypo and hyperthermia	3	1
Acue abdominal pain	3	1
Total teaching hours	120 hours	

(4) Teaching methods:

- 4.1: Lectures
- 4.2: Bed side teaching

(5) Assessment methods:

- 5.1: - **written examinations** for assessment of knowledge & intellectual ILOs
- 5.2: - **MCQ** exam for assessment of knowledge & intellectual ILOs
- 5.3: - **Oral examinations** for assessment of knowledge, intellectual, communication & professional ILOs
- 5.4: - **OSPE** for assessment of practical & professional ILOs & communication skills

Assessment schedule:

إجمالي	الدرجة			الاختبار	المقرر
	عملي	شفهي	تحريري		
٣٠٠	٦٠	٦٠	mcq	نظري ١٤٤	إختبار تحريري مدته ثلاث ساعات + اختبار شفهي يشمل (أسئلة متعددة الإختيارات) + اختبار عملي
			٣٦		
الباطنة العامه					

(6) References of the course.

6.1: Text books.

- Case file medicine.
- Davidson's essentials of medicine.
- Oxford hand book of gastroenterology and hepatology
- Kumar of medicine.

6.2: Journals.

- British medical Journal
- New england journal of medicine(NEJM)

(7) Facilities and resources mandatory for course completion.

- Computer labs with open access to medical research databases
- Upgraded library
- Induction course introducing study skills.
- Candidate's logbook.
- Internet with a wide range of learning support material.

Course coordinators.

- Prof. Dr. Hussein El Beltagy.
- Prof. Dr. Ali Gaballa
- Prof. Dr. Mohamed–Hesham Daba.
- Ass. Lecturer. Dr. Amira El Adl.
- Ass. Lecturer. Rania al Qatary

Head of the department.

Prof. Dr. Hussein El Beltagy.