



COURSE SPECIFICATION

Faculty of Medicine- Mansoura University

(A) Administrative information

(1) Program offering the course.	Postgraduate Master Degree in Clinical Pathology-CPATH 530
(2) Department offering the program	Clinical Pathology
(3) Department responsible for teaching the course:	Clinical Pathology
(4) Part of the program	First Part
(5) Date of approval by the Department's council	16/5/2016
(6) Date of last approval of program specification by Faculty council	
(7) Course title	Internal Medicine related to Laboratory Medicine
(8) Course code	CPATH 510 C
(9) Credit hours	4(lectures) 1(clinical)
(10) Total teaching hours:	90

Professional information

Course Aims:

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

The overall aim of the course is to:

Provide the students with the essential knowledge and professional skills of internal medicine related to the practice of clinical pathology .

(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-Recall the theoretical basis of the internal medical conditions

A2-Recall the basic and clinical aspects of pharmacotherapy

A3-Recognize and outline initial and advanced management of emergency medical problems.

A4-Demonstrate sufficient knowledge to evaluate patients with an undiagnosed and undifferentiated presentation

B- Intellectual skills

B1- Demonstrate strengths, deficiencies, and limits in one's knowledge and expertise and be able to be updated and face challenges.

B2- Solve specific clinical problems despite limited resources.

B3- Analyze efficiently case scenarios and refer to the most appropriate diagnosis and possible differential diagnosis.

B4- Integrate knowledge and understanding of internal medicine and other medical specialties and interpret basic clinical tests and images as well as obscure findings to solve clinical problems.

C- Professional/practical skills

C1- Develop skills in history taking and clinical examination in different internal medicine specialties.

C2- Interpret laboratory and radiological findings in diagnosis and treatment of internal medical diseases.

C3- Carry out basic preventive care and counseling.

C4- Perform a consultative role to other physicians and health professionals.

D- Communication & Transferable skills

D 1- Communicate effectively with patients, families, and the public as appropriate, across a broad range of socioeconomic and cultural backgrounds.

D2- Cooperate with diverse patient population including but not limited to diversity in gender, age, culture, race, religion, disabilities.

D3- Work effectively as a member or a leader of a health care team or other professional group.

D4- Use of information technology in the clinical practice.

(3)Course content.

Subjects	Lectures	Clinical	Laboratory	Field	Total Teaching Hours
DM (acute complications & management) .	2	1			3
Hyper & hypothyroidism	2	1			3
Hypercalcaemia	1				1
Cushing disease	2	1			3
Addison disease	2	1			3
Endocrinal emergencies	2	1			3
Heart failure	2	1			3
Infective endocarditis	1	1			2
Ischemic heart disease	2	1			3
Myocardial infarction	2	1			3
Upper GIT bleeding	2	1			3
Peptic ulcer (H. pylori)	1	1			2
Inflammatory bowel disease	2	1			3
Chronic hepatitis	2	1			3
Liver cell failure	2	1			3
Anemias (Iron deficiency & aplastic anemia)	1	1			2
Diagnostic approach to a case of anemia	2	1			3
D.D of cervical lymphadenopathy	2	1			3
Acquired coagulation disorder	2	1			3
Purpura	2	1			3
Acute & chronic renal failure	2	1			3
Protienuria	1				1
Diagnosis & treatment of : -Malaria -Typhoid	2	1			3
How to reach diagnosis in a Case of PUO	2	1			3
Anti-malarial drugs	2				2

Anti amoebic drugs	2				2
Schistosomiasis	2	1			3
B.A	1	1			2
Migraine	1	1			2
2ry myopathies	1	1			2
Peripheral neuropathy	1	1			2
Diagnostic criteria of SLE & treatment	1	1			2
Rheumatoid arthritis	1	1			2
TTT of acute attack of gout	1	1			2
Hypo & hyper natremia	1				1
Hypo & hyper kalemia	1				1
Metabolic acidosis	1				1
Metabolic alkalosis	1				1

(4) Teaching methods:

4.1: Lectures

4.2: Case study

(5) Assessment methods:

5.1: Written exam for assessment of knowledge & intellectual skills.

5.2: Oral exam for assessment of knowledge & intellectual skills.

5.3: Clinical exam for assessment of practical and transferrable skills.

5.4: MCQ continuous assessment at the end of each semester.

Percentage of each Assessment to the total mark.

Written exam: 48% (144 marks)

Oral exam: 20% (60 marks)

Clinical exam: 20% (60 marks)

MCQ exam: 12% (36 marks)

(6) References of the course:

6.1: Text books: Harrison's Principles of Internal Medicine

6.2: Journals: Annals of Internal Medicine

Course coordinator: Prof. Tarek Selim

Head of the department: Prof. Osama Elbaz