



Course Specification

Faculty of Medicine – Mansoua University

A) Administrative information

(1) Program offering the course.	Postgraduate Master Degree in Family Medicine
(2) Department offering the program	درجة بيئية
(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	30/5/2016
(6) Date of last approval of program specification by faculty council	9/8/2016
(7) Course title	Clinical pathology
(8) Course code	EM 530
(9) Credit hours	0.5
(10) Total teaching hours.	7.5

(B) Professional information

(1) Course Aims.

The broad aims of the course are:-

The overall aim of the course is to :

Provide the candidates with the essential knowledge of clinical pathology related to the practice of emergency Medicine

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

A- Knowledge and understanding

- A1- List the important biomarkers of acute myocardial infarction and acute pancreatitis
- A2- Identify the appropriate laboratory tests for assessment of hypothalamic-pituitary , thyroid and adrenal functions
- A3- Recognize the acute complications of blood transfusion
- A4- Define leucostasis and hyperviscosity syndrome
- A5 Recognize Hospital acquired infections & transmission prevention Protocols in blood banking

(B) Intellectual skills

- B1- Choose the appropriate laboratory tests for assessment of hepatic encephalopathy and diabetic coma
- B2- Differentiate between different forms of meningitis
- B3- Interpret laboratory tests to diagnose patients with bleeding disorders.
- B4- Analyze the cardiac markers laboratory data in light of onset and duration of cardiac disease.

(C) Communication skills

C1- Communicate effectively with other health care providers, patients' and their relatives encephalopathy and diabetic coma

(3) Course content.

subjects	Lectures	Laboratory	Total teaching Hours
Acute hemolytic crisis	0.5		
Leucostasis and hyperviscosity syndrome	0.5		
Acute hemostatic failure	0.5		
Acute complications of blood transfusion	0.5		
Diabetic coma	0.5		
Thyroid storm	0.5		
Panhypopituitism	0.5		
Addisonian crisis	0.5		
Acute myocardial infarction	0.5		
Acute pancreatitis	0.25		
Hepatic encephalopathy	0.25		
Sample collection, handling and transport	0.25		
Food and water borne infectious diseases	0.25		
Septic shock	0.25		
Meningitis	0.25		
Acute necrotizing soft tissue, infectious cellulitis, gangrene	0.25		
Hospital acquired infections & transmission prevention in blood	0.25		

banking			
Catastrophic antiphospholipid syndrome	0.25		
Hyper acute graft rejection	0.25		

(4) Teaching methods.

4.1- Lectures

4.2- Self learning

(5) Assessment methods,

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

5.2- Oral exam for assessment of knowledge and Intellectual skills.

5.3- MCQ continuous assessment at the end of each semester.

Percentage of each assessment to the total mark:-

Written exam (72 marks)

Oral exam (60 marks)

MCQ exam (18 marks)

(6) References of the course

6.1- Guide to Clinical Pathology

6.2- Essential Hematology

Course coordinator, prof . Tarek Seleem

Head of the Department prof. Osama Elbaz

Date: