



COURSE SPECIFICATION

MSc Pediatrics –First part

Faculty of Medicine– Mansoura University

(A) Administrative information

(1) Programme offering the course.	MSc Pediatrics (PED 500)
(2) Department offering the programme.	Pediatrics
(3) Department responsible for teaching the course.	Clinical Pathology
(4) Part of the programme.	First Part – Clinical Pathology
(5) Date of approval by the Department's council	27/4/2016
(6) Date of last approval of programme specification by Faculty council	9-8-2016
(7) Course title.	Clinical Pathology
(8) Course code.	PED 530
(9) Total teaching hours.	7.5 hrs

(B) Professional information

(1) **Course Aims.**

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

Provide knowledge and understanding of laboratory, clinical pathologic features and pathogenesis of common pediatric disorders.

(2) Intended Learning Outcomes (ILOs):

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

A– Knowledge and Understanding

- A2.1. Define types of anemia's, defects of hemostasis and diagnosis of leukemias.
- A2.2. define clinical pathologic features of acute and chronic liver disorders.
- A2.3. Delineate clinical pathologic features of nephropathy and renal impairment.
- A2.4. List clinical pathologic features of different endocrinological disorders, diabetes, electrolytes and acid base disturbances.
- A2.5. Outline clinical pathologic features of autoimmune disorders like lupus, rheumatoid.
- A2.6 Specify diagnostic features of hematologic malignancies.
- A2.7 Specify laboratory investigations of common viral, bacterial, protozoal and fungal infections.
- A2.8 List types of normal immune response and its components.

B- Intellectual skills

B1. Integrate the basic science knowledge into clinical practice to provide appropriate laboratory diagnosis of hematological disorders, malignancies, infections, endocrinological diseases and metabolic problems and immune dysregulation disorders in pediatric age group.

B2. Design an initial laboratory approach of common acute and chronic systemic diseases in pediatric age group.

(3) Course content:

Subjects	Lectures	Clinical	Laboratory	Field	Total Teaching Hours
Erythrocytes	√				1
Leucocytes	√				1
Hemostasis & Transfusion medicine	√				1
Liver, Renal & Endocrine function tests	√				1
Disorders of carbohydrate, lipid, protein, acid-base and mineral metabolism	√				1
Clinical Immunology	√				1.5
Clinical microbiology	√				1

(4) Teaching methods:

- 4.1.....Lectures.....
- 4.2:
- 4.3:
- 4.4:

(5) Assessment methods:

- 5.1...Written..... for assessment of.....(knowledge, intellectual skills)
- 5.2...Oral..... for assessment of.....(knowledge, intellectual, practical skills)
- 5.3 MCQ for assessment of.....(knowledge, intellectual,)

Assessment schedule: Final Exam

Percentage of Assessment to the total mark: 100 marks (4.7%)

Written exam:.....48 marks.....

Structured Oral exam:.....40 marks.....

Semester MCQ:.....12 marks

%:.....

Other types of assessment:.....%:.....

Other assessment without marks: No

(6) References of the course.

6.1: Hand books:...Book notes of Microbiology department.....

6.2: Text books:...

3: Journals:.....

6.1: Websites:.....

6.1: Others:.....

(7) Facilities and resources mandatory for course completion.

– Lecture hall and data show

Course coordinator: Prof. Othman E. Soliman

Head of the department: Prof. Youssef Al-Tonbary

Date: