



COURSE SPECIFICATION

Msc. Tropical medicine –First part

Faculty of Medicine– Mansoura University

(A) Administrative information

(1) Program offering the course.	Msc. Tropical Medicine (TROP 510 TROP 510C)
(2) Department offering the program.	Tropical Medicine
(3) Department responsible for teaching the course.	Internal medicine
(4) Part of the program.	First Part – Internal medicine
(5) Date of approval by the Department`s council	May 2016
(6) Date of last approval of program specification by Faculty council	9-8-2016
(7) Course title.	Internal medicine
(8) Course code.	TROP 510 TROP 510C
(9) Credit hours	3 credit hour
(10) Total teaching hours.	15 hr Lectures 60 hr Clinical

(B) Professional information

(1) Course Aims.

The broad aims of the course are as follows.

1- Provide updated knowledge and clinical skills of cardiovascular, respiratory, gastrointestinal, renal, Endorinal, heamatologic and metabolic disorders.

(2) Intended Learning Outcomes (ILOs).

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

A- Knowledge and Understanding

- A1 Recognize principles of evaluation and management of different medical disorders
- A2. Describe pathogenesis, clinical aspects and management of various GIT, CVS, renal, respiratory diseases.
- A3 Explain pathogenesis, clinical features and management of heamatologic, endocrinal and metabolic disorders
- A.4. Explain diagnosis and management of life threatening conditions
- A5. Identify principles of immunity, autoimmune diseases and immunodeficiency diseases
- A6. Review laboratory reference intervals and values

B- Intellectual skills

- B1. Construct appropriate management strategies (both diagnostic and therapeutic) for patients with common medical conditions
- B2. Formulate an initial course of management for patients with serious medical conditions requiring critical care
- B3. Predict appropriate tests for detecting patients at risk for specific diseases or in the early stage of disease and determine strategies for responding appropriately
- B4. Evaluate and cope with uncertainty by using appropriate cognitive and intellectual strategies to deal with uncertainty when it arises

C-Professional Practical Skills

- C1. Interpret patient's history, physical symptoms, physical signs and laboratory findings in terms of anatomic, pathologic and functional diagnostic significance
- C2. Predict the most frequent clinical, laboratory, radiologic findings of common diseases with prioritization of the common possibilities for each problem
- C3. Predict the most appropriate diagnostic procedures for each problem and use Evidence Based Medicine in management decisions.
- C4. Perform and interpret the results of commonly used diagnostic procedures such as ECG, abdominal ultrasound, upper and lower gastrointestinal endoscopy and how to use these data in the diagnosis, management and follow up of cases and to monitor drug therapy.
- C5. Perform routine technical procedures including at a minimum arterial puncture, inserting a Foley's catheter., thoracocentesis and paracentesis
- C6. Apply principles of sterilization and infection control regulations on hospital and community levels

D- Communication & Transferable skills

- D1. Establish professional relationships with patients, their families characterized by understanding, trust, respect and confidentiality
- D2. Explain medical conditions to the patient and family in a human manner, encourage discussion and promote the patient's participation in decision making
- D3. Manage time and resources effectively and set priorities.
- D4. Work efficiently within the health care team and cope with a changing work environment.
- D5. Solve problems related to patients, work management, and among colleagues.
- D6. Evaluate their work and that of others using constructive feed back.

(3) Course content:

Subjects	Lectures	clinical	Total Teaching Hours
Principles of evaluation and management	1	4	5
Laboratory reference intervals and values	1	4	5
Cardiovascular diseases	2	6	8
Respiratory diseases	1	6	7
Critical care medicine	1	4	5
Renal diseases	2	6	8
Gastro-intestinal diseases	2	6	8
Heamatologic diseases	2	6	8
Metabolic diseases	1	6	7
Endocrine diseases	1	6	7
Diseases of the immune system	1	6	7
TOTAL	15	60	75

(4) Teaching methods:

4.1. Lectures

4.2. Clinical demonstration and bed side clinical teaching

4.3. observation of bedside diagnostic procedures

4.4. Problem-solving (case study) sessions

4.5. Training for both diagnostic and therapeutic procedures.

(5) Assessment methods:

5.1....Written exam for assessment of.....(A1 to A6)

5.2....Oral exam for assessment of.....(A1 to A6)

5.3.....MCQ exam for assessment of.....(A1 to A6)

5.4 . OSCE exam for assessment of B1 to B4 and C1 to C6 and D1 to D6

Assessment schedule:

Written exam (60%) 144 marks

MCQ: (20% of written) 36 marks

Oral exam: (20%) 60 marks

OSCE (20%) 60 marks

Other assessment without marks: No

(6)References of the course:

6.1. Hand books....Davidson's Principles and Practice of medicine, Clinical medicine Kummar and Clark

6.2. Text books: Harrison's Principle of internal medicine, Cecil Textbook of medicine

3. Journals: American journal of tropical medicine, Journal of Hepatology, Liver, Gut

6.1. Websites: [http:// www.aspunl.edu](http://www.aspunl.edu). <http://www.dpd.cdc.gov/dpdx>
<http://www.hepnet.com/hepb.htm>

6.1. Others: Lecture CDs available on request

(7)Facilities and resources mandatory for course completion.

- Lecture hall and data show

Course coordinator: Assistant Prof. Mahmoud Abdel-Aziz Abdel-Hamid

Assistant : Dr. Mohamed EL Diasty

Dr. Walaa Shabana

Head of the department: Prof. Mahmoud El-Bendary

Date: