



## COURSE SPECIFICATION

### (Internal Medicine)

Faculty of Medicine- Mansoura University

#### (A) Administrative information

(1) Programme offering the course:	Postgraduate Master degree of Forensic Medicine and Clinical Toxicology/ FNST 500
(2) Department offering the programme:	Forensic Medicine & Clinical Toxicology 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	25/7/2016
(6) Date of last approval of programme specification by Faculty council	9/8/2016
(7) Course title:	Internal Medicine
(8) Course code:	FNST 510
(9) Credit hours	1 hour/week
(10) Total teaching hours:	22.5 hours/15 week (7.5 hours lectures & 15 hours clinical)

## **(B) Professional information**

### **(1) Course Aims:**

The broad aims of the course are as follows:

1. To prepare our candidate to acquire knowledge and basic clinical skills for diagnosis and first aid management of common medical diseases and conditions that may meet the toxicologist
2. Acquire and demonstrate attitude that foster patient centered care and support the highest standards of the medical profession.

### **(2) Intended Learning Outcomes (ILOs):**

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

#### **A- Knowledge and Understanding**

- A1. Identify different types of arrhythmia (causes, clinical picture and management)
- A2. Describe the clinical presentation and management of different organ failure in poisoned patients.
- A3. Enumerate common cases of acid base and electrolyte disturbance and discuss its management
- A4. Discuss clinical presentation and management of metabolic encephalopathies

#### **B- Intellectual skills**

**B1:** Analyze data from history taking, clinical examination, laboratory and radiological investigations to reach proper diagnosis and distinguish the differential diagnosis of cases.

#### **C- Professional/ skills**

- C1. Take adequate history and perform basic clinical examination
- C2. Interpret normal and abnormal ECG
- C3. Interpret normal and abnormal ABG.

### **(3) Course content:**

#### **a. Lectures:**

<b>Subjects</b>	<b>Lectures</b>
Toxic causes, Clinical picture and management of: <ul style="list-style-type: none"><li>• Acute and chronic renal failure</li><li>• Liver cell failure</li><li>• Heart failure</li><li>• Thyrotoxicosis</li><li>• Anaemia</li><li>• Metabolic encephalopathy</li></ul>	2
Acid base balance Electrolyte disturbance.	2
Arrhythmia	2
ECG interpretation (normal and abnormal finding)	1.5
<b>Total Teaching Hours</b>	<b>7.5 hours</b>

## b. Clinical:

Subjects	Clinical
Toxic causes, Clinical picture and management of: <ul style="list-style-type: none"><li>• Acute and chronic renal failure</li><li>• Liver cell failure</li><li>• Heart failure</li><li>• Thyrotoxicosis</li><li>• Anaemia</li><li>• Metabolic encephalopathy</li></ul>	4
Acid base balance Electrolyte disturbance.	4
Arrhythmia	4
ECG interpretation (normal and abnormal finding)	3
<b>Total Teaching Hours</b>	<b>15 hours</b>

### (4) Teaching methods:

- 4.1: Lectures
- 4.2: ECG, X-ray and laboratory results discussion.
- 4.3: Case scenarios.
- 4.4: clinical rounds.

### (5) Assessment methods:

- 5.1: Written exam for assessment of A1-4, B 1.
- 5.2: Objective structured clinical exam for assessment of B 1, C1-3.
- 5.3: Structured oral exam for assessment of A1-4, B 1.

#### Assessment schedule:

Final exam at 6<sup>th</sup> month from admission to Master degree with total of 300 marks

#### Percentage of each Assessment to the total mark:

Written exam & MCQ : 180 marks represent 60% (144 marks written and 36 (20%) marks MCQ).

Objective structured clinical exam: 60 marks represent 20%

Structured oral exam: 60 marks represent 20%

**Other assessment without marks:** Logbook activities

### (6) References of the course:

#### Text books:

- Kumar & Clark Clinical Medicine.

### (7) Facilities and resources mandatory for course completion:

Lecture halls and data show.

Inpatient wards.

### Course coordinator:

**Prof. Dr. Sahar Abdelaziz El Dakroory**

**Prof. Dr. Amal Abdelsalam El- Bakary**

**Head of the department:**  
**Prof. Dr. Sahar Abdelaziz El Dakroory**

**Date:**