

# Mansoura University, Faculty of Medicine



**MANSOURA  
MANCHESTER**  
Programme for medical education



## Year 6 course Specifications

### Module 12

#### Accident and Emergency (AE)

#### MPPh3S12AE

University... of Mansoura..... Faculty of Medicine.....

#### Course specifications

Programme(s) on which the course is given: **Mansoura-Manchester Programme for Medical Education**

Major or minor element of programmes: Accident and emergency

Department offering the programme: All faculty departments

Department offering the course: Surgical departments 6, 7 and 8, internal medicine, pediatric, obstetric & gynecology department, forensic & toxicology department

Academic year / Level 6<sup>th</sup> year

Date of specification approval: May 2016

#### A- Basic Information

**Title: Code: MPPh3S12AE**

**Teaching Hours: 22.5 hours /week (duration 12 weeks)**

**Lecture: 10 hours (7 lectures + 3 seminars)**

**Tutorial: 3 hours**

**Practical: 9.5 hours (7.5 clinical + 2 skill lap + 3 Semenar )**

**Total:22.5 hours/ week 247.5 hours**

#### B- Professional Information

##### 1 – Overall aims of course

Promotion of a course of medical care to serve society.

Differentiate between medical and surgical emergencies.

Prepare a physician capable of dealing with surgical emergencies.

Collect the data from the patient if possible or his relatives or attendance regarding the condition or root traffic accident.

Analyze these data to reach the provisional diagnosis

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Develop a graduate who will apply the knowledge and skills learned to manage surgical emergencies.

### 2 – Intended learning outcomes of course (ILOs)

#### a- Knowledge and understanding:

By the end of the module, the medical graduate will be able to:

- A1- Identify the causes of priorities
- A2. Discuss the early assessment of the injured patient and learn the principles of triage
- A3. Discuss abdominal trauma, its special investigations and indications for trauma laparotomy
- A4. Identify different types of surgical bleeding and explain how to manage.
- A5. Describe the area and depth of burn and discuss techniques for treating burns & calculating rate and quantity of his fluid needs
- A6. Recognize various skin grafts & flaps and principles of reconstructive surgery.
- A7. Recognize and classify different causes of acute abdominal pain
- A8. Describe the clinical signs, complications and management of appendicitis
- A9. List causes of small and large bowel obstruction; explain the cardinal features in history and examination
- A10. Describe different types of wounds and explain their medicolegal aspects.
- A11. Recognize the different medico-legal (ML) aspects of head injuries.
- A12. Identify basics of firearm weapons.
- A13. Discuss medico-legal (ML) aspects of firearm injuries.
- A14. Classify thermal injuries and identify discuss medico-legal (ML) aspects of thermal injuries.

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A15. List classification of poisons and factors affecting their action.

A16. List causes of ante & post partum hemorrhage and discuss their management

A17. Distinguish different types of diabetic coma

A18. Identify presentations of myocardial ischemia and heart failure

A19. Recognize cerebral stroke and other neurological emergencies

### **b- Intellectual skills**

b1- Formulate a systematic approach including history taking, physical examination and investigation to know how to reach accurate diagnosis of surgical and medical emergencies...

b2- Select and use appropriate methods to treat these emergencies especially first aid and resuscitation

b3- Plan for additional outpatient rehabilitation for physically disabled polytraumatized patients

B4. Determine causes of death of different injuries and toxins. B4.

B5. Determine postmortem interval in different criminal incidents.

B6. Integrate results of history, physical and laboratory investigations into a meaningful diagnostic formulation.

B7. Construct an appropriate management plan of acute or chronic intoxicated patient.

### **c- Professional and practical skills**

c1- Analyze symptoms and signs and construct a differential diagnosis of the acute abdomen patients

c2- Design an appropriate diagnostic plan to reach the accurate diagnosis

c3- Construct treatment plan including first aid measures definitive treatment and postoperative rehabilitation of the physically disabled patients

### **d- General and transferable skills**

d1- Insert a cannula into peripheral veins to give fluids for resuscitation

d2- Insert a urinary catheter to calculate the urinary output and control the fluid infusion .

d3- Perform suturing of superficial wounds

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Mansoura –Manchester Programme for Medical Education

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4.6- Field visits to:

- 1-Emergency Hospital, Mansoura University
- 2- Surgical department 6,7, 8.
- 3-Burn and plastic surgery center

### 5- Student assessment methods

- 5.1OSCI and MCQ.....to assess **Knowledge and understanding**
- 5.2Oral examination and Short essay....to assess **Intellectual skills**
- 5.3 Practical Examination ..... to assess **Professional and practical skills**
- 5.4... Short essay ... to assess **General and transferable skills**

### Assessment schedule

#### Assessment schedule

Assessment 1 MCQ	Week After each rotation
Assessment 2 MCQ	week Final exam
Assessment 3Essay.	Week Final exam
Assessment 4OSCE	Week Final exam

### Weighting of assessments

Mid-Term Examination 46 %

Final-term Examination 54 % as follow:

MCQ 15%

Short essay 15%

OSCE Examination 24 %

Total 100%

### 6- List of references

6.1- Course notes

6.2- Essential books (text books)

**Bailey & Love Short Practice Of Surgery**

6.3- Recommended books

**Kaser elaney surgery book....**

6.4- Periodicals, Web sites, ... etc



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### **Pubmed**

#### **7- Facilities required for teaching and learning**

Data show, Video, Models in the skill lab

**Course coordinator: Ass. Prof. Ahmed Negm**

**Programme Directors: Dr. Nagy Abdel-Hady**

**Date: May 2016**