



COURSE SPECIFICATION

Faculty of Medicine– Mansoura University

(A) Administrative information

(1) Programme offering the course.	Medical Doctorate in Tropical Medicine
(2) Department offering the programme.	Tropical Medicine
(3) Department responsible for teaching the course.	Tropical Medicine
(4) Part of the programme.	3 rd part
(5) Date of approval by the Department's council	11-5-2016
(6) Date of last approval of programme specification by Faculty council	9-8-2016
(7) Course title.	Basic ICU management for hepatic patients
(8) Course code.	TROP 612ICU
(9) Credit hours.	2 hours
(10) Total teaching hours.	30 hours

(B) Professional information

(1) Course Aims.

The broad aims of the course are as follows.

The aim of the Medical Doctorate in Tropical Medicine is to enable students to understand the essentials and basics of ICU concerning the hepatic patient and to use this knowledge in combination with epidemiological and public health approach to develop rational strategies for the control and treatment of various hepatic emergency problems.

(2) Intended Learning Outcomes (ILOs).

Intended learning outcomes (ILOs); Are four main categories: knowledge& understanding to be gained, intellectual qualities, professional/practical and transferable skills.

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

A- Knowledge and Understanding

- A-1. Identify all about most of disorders concerning the ICU management of hepatic patients.
- A-2. Recognize the differential diagnosis and diagnostic methods of various infectious disorders affecting the liver in the ICU.
- A-3. Identify on scientific basis hepatic emergencies and relate clinical features to the optimum precise diagnosis and set a management protocol for each disorder.

B- Intellectual skills

B1-Construct appropriate management strategies (both diagnostic and therapeutic) for patients with ICU problems.

B2- Assess factors that place individuals at risk for emergencies or injury, to select appropriate tests for detecting patients at risk

B3- Determine, analyze, and synthesize relevant and current data and literature, using information technologies and library resources, in order to help solve a clinical problem (EBM)

B4- Propose clinical decisions utilizing methods, which integrate the best research evidence with clinical expertise and patient values (EBM)

(3) Course content

BASIC ICU MANAGEMENT FOR HEPATIC PATIENTS	Lectures	Clinical	Field
Cerebral function and encephalopathy	6		
Screening and treatment of infections	6		
Cardiovascular evaluation and support	6		
Respiratory failure and new ventilatory strategies	6		
Renal failure and combined liver/kidney transplantation	6		
Total teaching hours	30	–	–
2 credit hours			

(4) Teaching methods.

4.1. Lectures.

4.2. Clinical demonstration.

4.3. Observation of bedside and diagnostic procedures

4.4. Problem-solving (case study) sessions

4.5. Tutorial

(5) Assessment methods.

5.1. Written exam. For assessment of A1 to A3 and B1 to B4

5.3. MCQ exam. For assessment of A1 to A3 and B1 to B2

(6) Percentage of each Assessment to the total mark. (50)

Written exam. (40)

MCQ. (10)

(7) References of the course.

6.1. Hand books. Oxford Handbook of Tropical Medicine, Handbook of Liver Diseases, A guide to physical examination, Barbara Bates, Colour Atlas of Tropical Medicine and Parasitology.

6.2. Text books. Manson's Tropical diseases, Hunter Tropical Medicine and Emerging Infectious Diseases, Diseases of the liver and biliary system by Sheila Sherlock and James Dooley, Oxford text book of clinical hepatology, Sleisenger and Fordtran's gastrointestinal and liver diseases, Harrison's Principle of internal medicine, Cecil Textbook of medicine.

6.3. Journals. Journal of Tropical Medicine and Hygiene, American journal of tropical medicine, Journal of Hepatology, Hepatology, Liver, Gut, Journal of digestive disease, Gastro-intestinal endoscopy, Journal of clinical microbiology, Journal of virology.

6.4. Websites. <http://www.asp.unl.edu>, <http://www.parasitology.org.uk>, <http://www.dpd.cdc.gov/dpdx>, <http://www.phage.org/black> 09.htm,

[http://www.microbe.org/microbes/virus or bacterium.asp](http://www.microbe.org/microbes/virus%20or%20bacterium.asp), <http://www.bact.wise.edu/bact330/330Lecturetopics>, <http://www.microbelibrary.org>,
<http://www.hepnet.com/hepb.htm>

6.5: Others: Lecture CDs available on request.

(8) Facilities and resources mandatory for course completion.

1- lecture hall.

2- Teaching aid as computer, data show projector, laser pointer.

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Assistant : Dr. Muhammad Diasty

Dr. Walaa Shabana

Head of the department: Prof. Mahmoud El-Bendary