



COURSE SPECIFICATION

Faculty of Medicine– Mansoura University

1. Administrative information

(1) Programme offering the course.	Postgraduate Doctorate degree of Gastroenterology and Hepatology– HGMED610
(2) Department offering the programme.	Internal medicine department– Gastroenterology and Hepatology Unit
(3) Department responsible for teaching the course.	Internal medicine department– Gastroenterology and Hepatology Unit
(4) Part of the programme.	Elective course (Semester 5, module 4)
(5) Date of approval by the Department's council	26/7/2016
(6) Date of last approval of programme specification by Faculty council	9/8/2016
(7) Course title.	Elective course
(8) Course code.	HGMED 610
(9) Total teaching hours &Credit hours:	30 teaching hours (2 credit hours)

2. Professional information

(1) Course Aims:

The broad aims of the course are as follows:

Provide the candidates with the basic knowledge in the following fields:

- (1) Pediatric GI and liver diseases those are relevant to the practice of adult GI and liver specialists.
- (2) Geriatric GI and liver diseases those are relevant to the practice of adult GI and liver specialists.
- (3) Disease affecting women's health relevant to the practice of adult GI and liver specialists.
- (4) Role of intervention radiology in diagnosis and treatment of diseases in the field of gastroenterology and hepatology.
- (5) Advanced diagnostic and therapeutic procedures integral to gastroenterology and hepatology as well as achievement of competency in performing these procedures

(2) Intended Learning Outcomes (ILOs):

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

(A) Knowledge and Understanding

- A1. Recall the details of the broad spectrum of clinical disorders seen in the practice of gastroenterology and hepatology and show the ability to evaluate patients with an undiagnosed and undifferentiated presentation in the above mentioned fields .
- A2. Recognize the core content of Gastroenterology and Hepatology which and relevant non clinical topics at a level sufficient to practice gastroenterology and hepatology in the above mentioned fields
- A3. Recall the patho-physiological basis of the gastroenterology and Hepatology.
- A4. Demonstrate sufficient knowledge of the theories , principles and updates in the in the above mentioned fields.

A5. Identify and recall principles ,methodology and ethics of scientific research ,both experimental and human and its different tools in the above mentioned fields.

A 5 Recognize and describe the moral ,ethical and legal principles in the practice of Gastroenterology and Hepatology .

A 7 Demonstrate sufficient knowledge of the principles of quality assurance in health care .

A 8 Showing sufficient knowledge of age development and the impact of the medical practice in Gastroenterology and Hepatology on the environment.

(B) Intellectual skills

B1.Integrate and analyze clinical information with the appropriate investigations to reach the correct diagnosis for GI and liver pediatric metabolic and genetic diseases.

B2.Provide the appropriate recommendation of endoscopic procedures based on findings from personal consultations and in consideration of specific indications, contraindications, diagnostic and therapeutic alternatives.

B3. Select and tailor the appropriate modality for each disease entity.

B4.Apply the precautions in designing the plan of management of geriatric population taking in account the presence of co-morbidities.

(3) Course content:

Second part: Elective courses (5th semester, module 4).

Total teaching hours: 30 (2 credit hours)

Lecture: 4(hr)/w for 5w

Seminar: 2(hr)/w for 5w

▪ **Total: 30 (hr)**

Only one of the following:

Course title	Code	Theoretical (hr)		Total weeks	Total Teaching hours	Credit hours
		Lecture	Seminar			
<p>Geriatric Gastroenterology and Hepatology</p> <p>Aging associated structural changes in Gastroenterology and Hepatology Aging associated functional changes in Gastroenterology and Hepatology Assessment of Gastroenterology and Hepatology function in the elderly Risk factors for Gastroenterology and Hepatology diseases in the elderly Pathogenesis of age related Gastroenterology and Hepatology diseases</p>	HGMED610GE	4	2	5	30	2
<p>Intervention radiology in Gastroenterology and Hepatology</p> <p>PERCUTANEOUS MANAGEMENT OF HCC TACE IN HCC SPLENIC ARTERY EMBOLIZATION TRANSJUGULAR LIVER BIOPSY TIPS FOR PORTAL HTN PERCUTANEOUS MANAGEMENT OF OBSTRUCTIVE JAUNDICE</p>	HGMED610ER	4	2	5	30	2
<p>Pediatrics gastrointestinal and liver diseases</p> <p>Pediatric associated structural changes in Gastroenterology and Hepatology Pediatric associated functional changes in Gastroenterology and Hepatology Assessment of Gastroenterology and Hepatology function in the Pediatric Risk factors for Gastroenterology and Hepatology diseases in the Pediatric Genetics and hereditary Gastroenterology and Hepatology disorders</p>	HGMED 610PD	4	2	5	30	2
<p>Women gastrointestinal</p>	HGMED 610WO	4	2	5	30	2

<p>and liver diseases</p> <p>Differences in the predisposition, natural history of liver disease, complications and treatment</p> <p>response between men and women Women associated structural changes in Gastroenterology and Hepatology</p> <p>Women associated functional changes in Gastroenterology and Hepatology</p> <p>Auto-immune Gastroenterology and Hepatology disorders in Women</p> <p>The management of women with chronic liver disease :counselling, screening for complications, fertility and pregnancy.</p> <p>Gastrointestinal and liver disease in pregnancy.</p> <p>Pregnancy in Cirrhosis.</p>						
<p>Advanced gastrointestinal and biliary endoscopic skills</p> <ul style="list-style-type: none"> • Esophageal banding and sclerotherapy for variceal bleeding • Bipolar cautery, "endo-clipping" or injection therapy with epinephrine for ulcer bleeding • Bipolar-cautery or for the treatment of vascular ectasia of the stomach, colon or rectum • Hemorrhoidal sclerotherapy for patients with hemorrhoidal bleeding • large polyps or early cancers may now be treated endoscopically. • Argon coagulation for the treatment of vascular ectasia of the stomach, colon or rectum outcomes 	<p>HGMED 610EN</p>	<p>4</p>	<p>2</p>	<p>5</p>	<p>30</p>	<p>2</p>

(4) Teaching methods:

- 4.1. Lectures with power point presentations and discussions.
- 4.2. Interactive bedside teaching with clinical case presentations of difficult and interesting cases and group discussions.
- 4.3. Problem solving case scenarios (commentary).
- 4.4. Seminars and presentation of an essay by the postgraduate students.
- 4.5. Journal clubs for critical appraisal of journal articles.
- 4.6. Workshops and training courses for procedural skills.
- 4.6. Attendance of activities in the department including thesis discussion, conferences, clinical rounds, outpatient clinics, procedures ...with both senior staff and junior staff

(5) Assessment methods:

Written exam 25 marks (=20 essay questions+5 MCQ)

Oral: 25 marks

Assessment schedule.

Part of Second part exam, 3 years from admission to the program.

Assessment 1: Written& Oral exam

Assessment 2: Log book for assessment of the attendance and activities throughout the whole program.

(6) References of the course.

-Course notes

Paper and/or electronic

-Text Books

Pediatrics gastrointestinal and liver diseases

Textbook of Gastrointestinal Radiology,

Practical GIT endoscopy

Geriatric Medicine at a Glance

Schiff's Diseases of the Liver, 11th Edition

-Journals

Journal of Hepatology

Gastroenterology

Clinical Gastroenterology and Hepatology

Gastrointestinal Endoscopy

(7) Facilities and resources mandatory for course completion:

Candidates and their learning are supported in a number of ways:

- Induction course introducing study skills
- Candidates logbook
- Programme Specification and Handbooks
- Extensive library and other learning resources
- Computer laboratories with a wide range of software
- Intranet with a wide range of learning support material
- MD Dissertation Supervisor

Course coordinator:

Prof Salah El-Gamal (General Supervisor):

Prof Hasan El-Asklany (Academic Guide):

Head of the department:

Prof Salah Gamal.....

Date: