



COURSE SPECIFICATION

Faculty of Medicine- Mansoura University

(A) Administrative information

(1) Programme offering the course:	MD degree of Gastroenterology and Hepatology
(2) Department offering the programme:	Internal medicine department Gastroenterology and Hepatology Unit
(3) Department responsible for teaching the course:	Radiology department in collaboration with Internal medicine department- Gastroenterology and Hepatology Unit
(4) Part of the programme:	First part- Radiology
(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:	Basic Radiology
(8) Course code:	HGMED610 HGMED629
(9) Total teaching hours &Credit hours:	15 teaching hours (1 credit hour)

(B) Professional information

(1) Course Aims:

The broad aims of the course:

Teach the candidates the basic principles of radiodiagnosis needed by gastroenterologists and hepatologists in their clinical practice.

(2) Intended Learning Outcomes (ILOs):

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

A- Knowledge and Understanding

A1. Recall the different modalities used in abdominal imaging

A2. Describe the hallmark radiologic findings in esophageal, gastric & bowel disorders.

A3. Recognize the hallmark CT features of Liver diseases

A4. Identify abnormal MRCP findings in hepato-pancreatico-biliary diseases .

A5. Define the important CT findings of different pancreatic disorders.

A6. Identify different splenic lesions on CT films

B- Intellectual skills:

B1. Interpret the gross radiologic findings in CT films of GI and liver imaging.

B2. Choose the most appropriate radio-diagnostic modality in GI and liver disorders.

B3. Analyze the relevant radiologic findings to narrow the differential diagnosis.

B4. Use and integrate the radiologic data together with relevant clinical and laboratory findings to reach a diagnosis.

B5.Put a plan for management with consideration to the specific underlying radiologic diagnosis

B6.Predict the overall prognosis and outcomes of a specific findings after completion of other diagnostic aids (histopathology,laboratory,etc...)

C- General and Transferable Skills:

C1. Adopt principles of the lifelong learning needs of the medical profession

C2. Present information clearly in written, electronic and oral forms.

C3.Communicate ideas and arguments effectively

C4.Work effectively within a team.

C5.Discuss freely about learned medical problems.

(3) Course content:

Subjects	Lectures	Total Teaching Hours
Plain x-ray Simple facts of abdominal x-ray	1	
Abdominal ultrasound Hepatic lesions Splenic lesions Pancreatic lesions Biliary diseases	1 1 1 1	
CT abdomen: HCC HFL Pancreatic lesions	1 2 2	
MRCP	2	
Management of HCC	2	
		15

(4) Teaching methods:

4.1: Lectures with power point presentation.

4.2: Seminars and group discussions.

4.3: Self learning.

(5) Assessment methods:

5.1: written exam (short essay) for assessment of (a 2,3,4 ; b 1,3,5,8)`

Assessment 1: written exam for 1 hour (short essay): 80 marks.

5.2: online MCQ exam 20marks

Other assessment without marks: presentations during seminars, log book.

(6) References of the course:

6.1: Hand books: of the pathology department.

6.2: Text books: Robbin's textbook of pathology

6.3: Websites .

(7) Facilities and resources mandatory for course completion:

Lecture halls.

Audiovisual facilities.

Virtual Library including multimedia teaching facilities.

Publishing facilities including: Printers, photocopy machines.

Course coordinators:

Prof: Nermin Soliman

Ass.Prof: Mohamed El-Rakhawy

Prof: Monir Bahgat

Head of the department:

Prof Salah El-Gamal

Date: