



Department of Hepatology and
Gastroenterology and Infectious
Diseases

Faculty of Medicine Kafrelsheikh
University



**Department of Hepatology and Gastroenterology and
Infectious Diseases**

Faculty of Medicine Kafrelsheikh University.

Course Specifications (Concise)

Academic year: 5th year of M.B.B.C

Credit Hours: 3 hours

Contact hours: 72 hours in total

- Lectures : 22 hours
- Case based discussion : 22 hours
- Bedside clinical examination : 22 hours
- End-round exam : 6 hours

Teaching is given for 11 days plus 1 day for end-round exam



Lectures: 2 hours once weekly over a period of 11 weeks (22 hours)

1. Gastroenterology:

- Esophageal disorders:
 - Motility disorder
 - Achalasia
 - GERD
 - Carcinoma of esophagus
 - Dysphagia
- Gastric disorders:
 - Gastritis
 - *Helicobacter Pylori*
 - Peptic ulcer disease
 - Dyspepsia
 - Gastroparesis
- Malabsorption:
 - Celiac disease
 - Tropical sprue
 - SIBO
 - Whipple's disease



- Carcinoid tumor
- Pancreatic disorders:
 - Acute pancreatitis
 - Chronic pancreatitis
- Colonic disorders:
 - Colitis
 - Dysentery
 - IBD
 - IBS
 - Diverticular diseases
 - Bowel ischemia
- Gall bladder disorders:
 - Acute Cholecystitis
 - Chronic Cholecystitis
 - Cholelithiasis

2. Hepatology:

- Hepatitis
- Autoimmune hepatitis
- Fatty liver



- Hepatic failure
- Cirrhosis and its consequences
- Abdominal pain
- Liver transplantation
- GIT bleeding
- Liver tumors

3.Infectious diseases

- Helminthic infections:
 - Fascioliasis.
 - Schistosomiasis
 - Hydatid disease
 - Filariasis
- Protozoal infections:
 - Amebiasis
 - Amebic liver abscess
 - Giardiasis
 - Toxoplasmosis
 - Malaria
- Viral infections:
 - HIV



- Rabies
- Meningitis
- Encephalitis
- Bacterial infections:
 - Tetanus
 - Brucellosis
 - Typhoid fever

4.Tropical disease:

- Pyrexia
- Heat disorders
- Familial Mediterranean fever



Case based discussion:

- 2-hour sessions once weekly over a period of 11 weeks (22 hours)
- Topics to be discussed in the sessions:
 - Jaundice
 - End stage liver disease
 - Portal hypertension
 - Hepatic encephalopathy
 - Hepatocellular carcinoma
 - Viral hepatitis
 - Fever of unknown origin
 - Ascites
 - diarrhea
 - Gastrointestinal bleeding
 - Heat disorder



Bedside clinical examination

- 2-hour sessions once weekly over a period of 11 weeks (22 hours)
- Conducted in 5 groups of 15 students in the ward
- Every group is supervised by a doctor
- The aim of this course is to provide students with essential clinical examination skills which include:
 - Doctor-patient communication
 - History taking
 - Personal History
 - Complaints
 - Present history
 - Past history
 - Family history
 - General examination
 - General appearance
 - Vital signs
 - Vital colors



- Lymph nodes
- Skin and extremities
- Head and neck
- Chest and heart
- Local Abdominal Examination
 - Inspection
 - Palpation
 - Percussion
 - Auscultation
- Investigations: LFT, CBC, Ultrasonography, Endoscopy, Motility studies....etc
- Diagnosis