

Course title:**Internal Medicine year 3rd course of M.B.ch.B program.****Allocated marks: 100%****Course duration: 2 courses**1st course: 13 weeks from 2nd of Oct. – 11th of Jan.2nd course 13 weeks from 11th of Feb – 24th of May.**Course Code: MED307****I. Aim of the course:**1st course: information about introduction of common signs & symptoms & medical history.2nd course: Introduction about infectious disease & common parasitic diseases.**II. Intended Learning Outcomes:****(i) Knowledge & Understanding: to know basic clinical symptoms & signs and how to elicit and differentiate them, knowing the clinical features and management of infectious diseases****(ii) Skills:****Professional skills: taking history from patients in a systematic way, how to perform general examination with vital signs****(iii) Attitudes:****To make student at early contact with patients to learn how to deal with them in a human and professional way like the learning how to use the proper communication method, how to protect patient safety and other ethical and legal issues like confidentiality****III. Course Contents:****III.1: Topics:****Lectures: 3rd year**1st course:**L1: Introduction into internal medicine.****L2: Communication skills and the art of history taking****L3: History (pain)****L4: History (chest pain).****L5: Dyspnea.****L6: Haemoptysis****L7: Diarrhea & Vomiting****L8: GIT heamorrhage.****L9: Anemia.****L10: Heamaturia****L11: Headache****L12: Coma.****L13: syncope.****L14: jaundice.****L15: tremor.****L16: Introduction to General physical examination****L17: Cyanosis**

- L18: Tachycardia**
- L19: Clubbing of fingers**
- L20: Vital signs**
- L21: Oedeme**
- L22: Gait disturbances**
- L23: Cranial nerves**
- L24: Primitive reflexes**

2nd course:

- 1- L1 & 2: Introduction (Approach to infectious diseases)**
- 2- L3: Infection in immune compromised patients.**
- 3-L4: Nosocomial infection.**
- 4-L5,6 & 7: Parasitic diseases: (Amoebiasis, Giardiasis, Toxoplasmosis,, Leishmaniasis Malaria & Cryptosporidiosis).**
- 5-L8,9 & 10: Helminthic infections: (Enterobiasis, Ascariasis, Ancylostomiasis, Trichuriasis, Strongyloidiasis), (schistosomiasis) ,(Taeniasis; Saginata & Solium) & (hydatid disease).**
- 6-L11: Chlamydial infection.**
- 7-L12: Systemic fungal infection.**

Seminars:

- 1- Bronchial asthma**
- 2- Diabetic Keto Acidosis (DKA)**
- 3- Chronic Obstructive Pulmonary Disease (COPD)**
- 4- CKD**
- 5- Drugs used in Hypertention**
- 6- Drugs used in Diabetes Mellitus**
- 7- Drugs used in Ischemic Heart Disease**
- 8- Corticosteroids**
- 9- Hyperlipidemia**
- 10- Obesity**

III. Clinical sessions:

First course:

- 1-History taking (personal history & chief complain)**
- 2-History taking (history of present illness)**
- 3-History taking (analysis of chest pain)**
- 4-History taking (analysis of cough)**
- 5-History taking (analysis of dyspnea)**
- 6- History taking (analysis of vomiting)**
- 7- History taking (analysis of diarrhea)**
- 8- History taking (analysis of headache)**
- 9- History taking (analysis of fainting and dizziness)**
- 10- History taking (analysis of abdominal pain)**
- 11- History taking (systematic review and family history)**
- 12- History taking (past medical, past surgical and gynecological history)**
- 13- Drug, alcohol and social history**

Second course:

- 1-Physical examination (General look)**
- 2-How to demonstrate pallor, jaundice and cyanosis.**
- 3-Signs of weight loss and muscle wasting**

- 4-How to demonstrate different types of tremor**
- 5-Skin lesions, scars and normal hair distribution.**
- 6-How to demonstrate presence of edema**
- 7-Examination of neck mass**
- 8-Vital signs (how to measure body temperature)**
- 9-Vital signs (respiratory rate)**
- 10-Vital signs (pulse rate)**
- 11-Vital signs (blood pressure)**
- 12-How to assess peripheral pulses**

IV. Teaching methods

- i. Illustrated lectures: included**
- ii. Seminar;included**
- iii. Clinical rounds: included**
- iv Problem based learning: included**

Examples of assessment questions:



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Q1: Choose the most appropriate answer: (10 M)

1- A patient returned from Saudi Arabia complaining of severe respiratory tract infection & severe diarrhoea, the most likely causative microorganism is:

- A] Vibrio cholerae O139 strain.**
- B] MERS-CoV (Middle east Corona virus).**
- C] Zika virus.**
- D] HIV.**
- E] Pneumocystis jirovecii (carinii).**

2- Regarding types of fever: Stepladder fever (increases of body temperature gradually day by day until it reach the maximum temperature within 4 - 5 days) as in:

- A] Septicemia.**
- B] Malaria.**
- C] Typhoid fever.**
- D] Kala-azar.**
- E] Toxoplasmosis in immunocompetent patient.**

3- Pathognomonic signs & symptoms of infectious diseases: Hydrophobia is a feature of:

- A] Measles.**
- B] Mumps.**
- C] Visceral leishmaniasis (kala-azar).**
- D] Schistosomiasis.**
- E] Rabies.**

4- The nosocomial infections occur in the following situations, except:

- A] up to 48 hours after hospital admission.**
- B] up to 72 hours after discharge from the hospital.**
- C] up to 10 days after minor surgery excluding patient presented with potential source of infection.**
- D] up to 30 days after an operation in a healthcare facility when a patient was admitted for reasons other than the infection.**
- E] A, B & D.**

5- The following are recognized features of giardiasis, except:

- A] may be asymptomatic.**
- B] In some cases, acute explosive, watery, foul-smelling diarrhoea with increased passage of gases.**
- C] Low-grade fever may occurs.**
- D] Severe peritonitis due to perforation of terminal ileum.**
- E] Sulfuric eructation .**

6- One of the following nematodes may causes severe systemic infection in immunocompromised patient:

- A] *Trichuris trichiura* (whipworm)**
- B] *Ancylostoma duodenale***
- C] *Strongyloides stercoralis***

