

MEDICINE DEPARTMENT

Medicine is the science and practice of caring for a patient, including diagnosing, prognosis, prevention, treatment, palliation, and encouraging their health. Medicine is a broad term that refers to a multitude of health-care methods that have emerged to preserve and restore health through illness prevention and treatment. Modern medicine uses biomedical sciences, biomedical research, genetics, and medical technology to diagnose, treat, and prevent injury and disease, usually with pharmaceuticals or surgery, but also with psychotherapy, external splints and traction, medical devices, biologics, and ionizing radiation, among other things.

We have following branches of medicine:

1. Cardiology - Coronary angioplasty, Coronary angioplasty and stent implantation
2. Gastroenterology – Barium Swallow, Upper GI Endoscopy Liver Biopsy etc are done
3. Nephrology – Kidney Dialysis, Kidney Biopsies, Imaging tests of kidney are done
4. Neurology
5. Dermatology – Skin Biopsy, Cryotherapy are done
6. Psychiatry

Mode of Teaching: (contact hours = 55)

- Lectures
- Case Based Learning (CBL)
- Video Clips

FACULTY AT KIMS

- Professor
 - Prof. Dr. Arshad Ali (Head of Medicine Department)
- Senior Registrar
 - Dr. Fatima Aiman

BOOKS OF MEDICINE

- Davidson Principles & Practice of Medicine
- Hutchison's Clinical Methods
- Kumar & Clark's Clinical Medicine
- Macleod's Clinical Examination

MEDICINE

(Block IV)

- Medicine Block-I topics will take 6 lectures to complete 2 systems of 1st Year MBBS that are given below.

VIII. Digestive system and Metabolism - I (5 Weeks)

- Dyspepsia - GERD Acid peptic disease
 - Peptic ulcer
 - Malabsorption /chronic diarrhoea - Coeliac disease, Chronic pancreatitis
 - Jaundice
 - Cirrhosis liver
1. Identify clinical presentation of GERD and Acid peptic disease
 2. Identify clinical presentation of peptic ulcer
 3. Identify manifestations of malabsorption
 4. Differentiate between hemolytic, hepatocellular and obstructive jaundice with lab investigations and clinical presentation
 5. Identify clinical features of portal hypertension

IX. Genitourinary System Module (7 weeks)

- Renal Failure
1. Identify clinical presentations of renal failure
 2. Clinical presentation of:
 - a. Acute Renal Failure
 - b. Chronic Renal Failure

MEDICINE TOPICS

(Block V)

- Medicine Block-V topics will take 2 lectures to complete Genetics & Neuroscience system of 2nd Year MBBS as given below.

X. Genetics & Neuroscience I (10 weeks)

- Brown Sequard Syndrome
 - Upper and Lower motor neuron lesions
1. Correlate the relevant basic knowledge with clinical presentations
 2. Differentiate between clinical features of upper and Lower motor neuron lesions

MEDICINE TOPICS

(Block VI)

- Medicine Block-VI topics will take 9 lectures to complete 3 systems of 2nd Year MBBS as given below.

XI. Maxillofacial & Special Senses (6 weeks)

- Examination of cranial nerve
 - Cranial Nerve VII palsy
1. Examine cranial nerve VII, IX and XI on patients
 2. Recognize clinical features of facial palsy

XII. Endocrinology

- Pituitary abnormalities
 - Thyroid Gland
 - Calcium disorder
 - Adrenal Disorder
 - Diabetes Mellitus
1. Identify clinical presentations of hyper and hypopituitarism
 2. Identify clinical presentations of hyper and hypothyroidism
 3. Identify clinical presentations of hyper and hypocalcaemia
 4. Identify clinical presentations of Cushing's syndrome and Addison's disease
 5. Identify clinical presentations of type II DM