

SUBJECT: MEDICINE

MEDICAL UNIT-I	
CHAPTER: ENDOCRINE AND METABOLIC DISEASES	
TEACHER: PROF BIKHARAM DEVRAJANI / PROF MUHAMMAD KHALID SHAIKH/ DR. A. GHANI RAHIMON	
• Acromegaly • Hyperthyroidism • Hypothyroidism • Diseases of Adrenal Glands • Cushing's Disease & syndrome • Addison's disease • Pheocromocytoma • Hypopituitarism • Diabetes Mellitus • Metabolic Diseases • Obesity • Dyslipidemias	
CHAPTER: RHEUMATOLOGY AND BONE DISEASE/MUSCULOSKELETAL DISORDERS	
• SLE & MCTD • Rheumatoid arthritis • Osteoarthritis & Osteoporosis • Sjorgen's Syndrome • Ankylosing Spondylitis • Gout • Psoriatic Arthritis • Paget's Disease • Polymyositis	
CHAPTER: GENETIC DISORDERS	
• Introduction and Modern techniques of medical genetic • Inherited Medical Diseases • Down's syndrome • Kline felter's syndrome • Marfan's syndrome • Turner's syndrome	
MEDICAL UNIT-II	
CHAPTER: GASTROINTESTINAL TRACT	
TEACHER: PROF. MUZAFFAR ALI SHAIKH / PROF SHOAIB ANSARI/ DR. ABDUL HAQUE KHAN / DR. MONA HUMAIRA	
• Dysphagia • G I Hemorrhage (Upper and Lower) • Gastro - Oesophageal Reflux Disease and peptic Ulcer • Malabsorption Syndrome / Celiac Disease • Inflammatory Bowel Diseases (Ulcerative colitis & Crohn's Disease) • Irritable bowel syndrome • Abdominal Tuberculosis	
CHAPTER: DRUGS AND REACTIONS	

- Anti-epileptic drugs
- Anti-hypertensive drugs
- Anti-diabetic drugs

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CHAPTER: CRITICAL CARE MEDICINE	
• Acute Pulmonary Edema and ARDS • Shock	
CHAPTER: HEPATO PANCREATO BILIARY DISEASE	
TEACHER: DR. RIAZ AWAN / DR. NAND LAL / DR. MONA HUMAIRA	
• Acute Hepatitis • Fulminant Hepatic Failure • Chronic Hepatitis • Autoimmune Hepatitis • Alcoholic Liver Diseases • NASH & NAFLD • Cirrhosis: Overview and investigation • Complications of Cirrhosis • Hepatic encephalopathy • Variceal hemorrhage • Hemochromatosis & Wilson's Disease	
MEDICAL UNIT-III	
CHAPTER: HAEMATOLOGICAL DISEASES	
TEACHER: PROF. IMRAN ALI SHAIKH / DR. NAILA MASOOD SIDDIQUI / DR. MUKHTIAR HUSSAIN JAFFERI / DR. TARIQ ZAFAR SHAIKH	
• Iron Deficiency Anemia • Hemolytic Anemia and Related Disorders. • Aplastic Anemia • Haemoglobinopathies • Megaloblastic Anemia • Blood Transfusion And Complications	
CHAPTER: MEDICAL ONCOLOGY INCLUDING HAEMOTOLOGICAL MALIGNANCY	
• Acute Myeloid Leukemia • Acute Lymphoblastic Leukemia • CLL • CML • Myeloproliferative Disorders • Lympho Proliferative Disorders	
BLEEDING DISEASE	
• ITP • Hemophilia • DIC • Coagulation Disorders • Thrombolytic therapy	
CHAPTER: INFECTIOUS DISEASES	
• Gastroenteritis & Typhoid fever • Malaria • HIV & AIDS • Rabies • Dengue • Sexually transmitted infections • Chicken Pox, Measles, Mumps	

MEDICAL UNIT-IV	
CHAPTER: NEUROLOGICAL DISORDERS	
TEACHER	PROF. MUHAMMAD IQBAL SHAH / DR. SANTOSH KUMAR / DR. MUMTAZ ALI LAKHO
• Introduction & Overview • Epilepsy • Cerebrovascular Accident ○ Ischemic and Hemorrhagic • Dementia and Alzheimer's Disease • Motor neuron Disease • Transverse Myelitis • CNS Infections ○ Meningitis ○ Encephalitis ○ SADC (sub-Acute Combined degeneration) • Neuropathies ○ Overview ○ GB Syndrome • Myasthenia Gravis • Myopathies and Skeletal Muscle Disease • Demyelinating Diseases • Multiple Sclerosis • Coma	
CHAPTER: POISONING	
• Paracetamol • Organophosphorus Poisoning • Snake Bite	
CHAPTER: GERIATRIC MEDICINE	
• Health problems of the elderly • General Principles of treating the elderly	