

Medicine Rotations

RHEUMATOLOGY ROTATION

- 1. Rheumatoid arthritis
- 2. SLE
- 3. Spondyloarthropathies
- 4. Gout & Osteoarthritis
- 5. Inflammatory myopathies
- 6. Vasculitis
- 7. Systemic sclerosis (scleroderma)

CARDIOLOGY ROTATION

- 1. Ischemic heart disease
- 2. Acute coronary syndrome
- 3. Cardiacarrhythmias (tachyarrhythmias)
- 4. Cardiacarrhythmias (bradyarrhythmias)
- 5. Hypertension
- 6. Valvular heart disease
- 7. infective endocarditis
- 8. Heart failure
- 9. Cardiomyopathies
- 10. Pericardial diseases

ENDOCRINE ROTATION

- 1. DM1
- 2. DM2 (complications & hypoglycemic disorders)
- 3. Pituitary disorders
- 4. hypogonadism
- 5. Adrenal disorders
- 6. Thyroid disorders
- 7. calcium disorders

INFECTIOUS DISEASES

- 1. Antibiotic therapy
- 2. Antibiotic resistance
- 3. Typhoid fever & salmonella
- 4. Brucellosis
- 5. Tuberculosis
- 6. Infection control
- 7. human deficiency virus

RESPIRATORY ROTATION

- 1. Asthma
- 2. COPD
- 3. Respiratory failure(ARDS)
- 4. Pneumonia & Bronchiectasis
- 5. Interstitial lung disease
- 6. Obstructive sleep apnea (OSA)
- 7. PE & pulmonary HTN
- 8. Pleural diseases
- 9. Lung cancer

HEMATOLOGY ROTATION

- 1. Approach to anemia & megaloblastic anemia
- 2. Acquired hemolytic anemia
- 3. Congenital hemolytic anemia
- 4. Bleeding disorders 1
- 5. Bleeding disorders 2
- 6. Acute leukemia
- 7. chronic leukemia
- 8. Chronic myeloproliferative disorders (VTE)
- 9. lymphoma & myeloma
- 10. Blood transfusion

GASTROINTESTINAL ROTATION

- 1. Esophageal disorders
- 2. Upper GI bleeding
- 3. Lower GI bleeding
- 4. Inflammatory bowel disease
- 5. Malabsorption & Celiac diseases
- 6. Functional GI disorders
- 7. Autoimmune liver disease
- 8. ASH & NASH
- 9. Liver cirrhosis
- 10. Hereditary liver diseases & Wilson's Disease
- 11. Hepatitis A-E

NEPHROLOGY ROTATION

- 1. Introduction to nephrology
- 2. Hypertension
- 3. Acid/base disorders
- 4. Na⁺/water disorders and regulations
- 5. potassium disorders
- 6. primary: glomerulonephritis
- 7. Secondary: Diabetic nephropathy & lupus nephritis
- 8. Acute Kidney Injury
- 9. Chronic Kidney Injury
- 10. Renal replacement therapy