

4TH YEAR MBBS (20LM BATCH)

LUMHS – ACADEMIC SESSION 2024

Hospital Wards Schedule Topics		
RADIOLOGY	UROLOGY	NEUROSURGERY
Normal Chest X-ray Orientation	Symptomatology & Investigations in Urology	Congenital Anomalies of CNS
Chest X-ray Pathology Orientation	Stone Disease	Traumatic Brain Injury
Radiological Modalities / Acute Abdomen	Benign and Malignant Prostatic Disease	Intracranial Hemorrhage
Contrast Study (IVP)	Urinary Bladder Tumor	Composition, Synthesis and Flow of CSF (Management of Hydrocephalus)
Barium Studies	Urinary Tract Infections	Approaches and Management of CNS Tumors
Mammography	Renal Cell Carcinoma	Spinal Cord Trauma and Myelopathy
CT Scan and MRI Orientation	Pediatric Urology <ul style="list-style-type: none">· Pelviureteric Junction Obstruction (PUJO)· Posterior Urethral Valves (PUV)· Vesicoureteral Reflux (VUR)	
CT Scan (Brain + Chest + Abdomen)	Urological Trauma	
MRI (Brain + Spine)	Benign and Malignant Scrotal Conditions	
Ultrasound (Abdomen + Pelvis)		

Hospital Wards Schedule Topics		
ORTHOPAEDIC	NEPHROLOGY	DERMATOLOGY
Fracture (Definition and Types)	Investigations in Renal Medicine	Anatomy and Physiology of Skin
Open and Closed Fractures & Types of Dislocations and Subluxations	Clinical Presentation and Basic Management of Nephrotic and Nephritic Syndrome	Primary and Secondary Skin Lesions
Management of Open and Closed Fractures	Acute Kidney Injury (AKI)	Psoriasis
Complications of Open and Closed Fractures and Dislocations	Chronic Kidney Disease (CKD)	Acne Vulgaris
Fracture Healing and Remodeling	Renal Replacement Therapy	Atopic Dermatitis
Osteomyelitis	Potassium Disorders	Cutaneous Bacterial Infections
Surgical Interventions in Osteomyelitis	Sodium Disorders	Cutaneous Fungal Infections
Rickets & Osteomalacia	Management of Acid-Base Disorders	Cutaneous Viral Infections
Osteopetrosis	Arterial Blood Gases (ABGs) Interpretation	Leishmaniasis
Osteoporosis		Scabies
Bone Tumors		
Surgical Interventions in Bone Tumors		
Congenital Talipes Equinovarus (CTEV) & Developmental Dysplastic HIP (DDH)		
Degenerative Disorders		

Hospital Wards Schedule Topics	
CARDIOLOGY	NEUROLOGY
Acute Coronary Syndrome	Clinical Localization of Lesion in UMN and LMN
Chronic Coronary Syndrome	Cerebrovascular Disorders & Definition and Classification of Seizure Disorders
Heart Failure	Epilepsy & Migraine
Congenital Heart Diseases	Acute and Chronic Meningitis
Vascular Diseases	Encephalitis
Tachyarrhythmias	Parkinson Disease & Chorea
Bradyarrhythmias	Cerebellar Dysfunctions & Friedreich's Ataxia
Valvular Heart Disease	Wilson Disease & Dementia
Heart Diseases and Pregnancy	Leuko Dystrophies & Alzheimer Disease
PLASTIC SURGERY	Multiple Sclerosis
Intro: to Plastic Surgery	Approach to Amnesia and Amnesic Syndrome
Burns & Wound Healing	Approach to Spinal Cord Disorders & Transverse Myelitis
Graft / Flaps	Spinal Tuberculosis & Sub-acute Combine Degeneration of Spinal Cord
Congenital Anomalies	Guillain-Barré (GB) Syndrome & Neuropathies & Neuro-electrophysiology
Skin Lesion / Tumors	Muscular Dystrophies & Myopathies & Myasthenia Gravis

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OTO-RHINO-LARYNGEOLOGY (ENT)		OPHTHALMOLOGY (EYE)
EAR	NOSE & SINUSES	Conjunctiva
Clinical Basis of Ear	Clinical Basis of Nose and Paranasal Sinuses	Ocular Injuries
Wax and Foreign Bodies in Ear Fungus - Otomycosis	Nasal Obstruction (Septal Deformity & Adenoid Hypertrophy)	Glaucoma and Laser in Glaucoma
D/D of Earache, Referred Earache & Disorders of External Ear	Rhinorrhea & Infective Rhinitis	Medical Retina and Laser in Retina
Disorder of Middle Ear (ASOM / OME)	Sneezing (Allergic and Non-allergic Rhinitis)	Scleritis & Episcleritis
Assessment of Hearing Impairment	Itching (Foreign Bodies & Rhinolith)	Lens
Disorder of Middle Ear (CSOM)	Impaired Smell (Sino-nasal Polyp)	Uveitis & Systemic Diseases of Eye
Facial Nerve Palsy & Middle Ear Surgery	Epistaxis (Angiofibroma & Hemangioma)	Nasolacrimal System
Conductive and Sensory Neural Hearing Deficit	Headache (Sinusitis & Sino-nasal Tumors)	Pediatric Ophthalmology
Tinnitus	ORAL CAVITY, PHARYNX & ESOPHAGUS	Cornea
Vertigo	Clinical Basis of Digestive Track	Eye Lid
LARYNX, TRACHEA & BRONCHI	Sore Throat (D/D & Mouth Ulcers)	Surgical Retina
Clinical Basis of Airway Track	Sore Throat (Pharyngitis & Tonsillitis)	Strabismus
Cough (Airway Foreign Bodies)	Sore Throat (Quinsy & Tonsillectomy)	Orbit
Hoarseness of Voice (Congenital & Inflammatory)	Sore Throat (Infectious Mononucleosis & Diphtheria)	Refractive Errors and Laser in Refractive Surgeries
Hoarseness of Voice (Non-neoplastic & Benign Conditions)	Sore Throat (Vincent Angina & Scarlet Fever)	Neuro-ophthalmology
Hoarseness of Voice (Malignant & Recurrent Laryngeal Palsy)	Difficulty in Swallowing (Dysphagia)	Therapeutic Ocular Drugs with Side Effects
Difficulty in Breathing (Laryngomalacia, Acute Epiglottitis, Subglottic, Tracheal Stenosis & Airway Management)	Change of Voice (Rhinolalia Clausa, Aperta & Tumors of Pharynx)	Blindness