

Musculo-Skeletal System and Skin

Lectures outlines

Subject	Lecture number	Lecture Topic
Physiology	1	Introduction to functions of excitable membranes <i>Available as e-learning</i>
	2	Introduction Muscle Physiology
	3	Mechanics of contraction-1
	4	Mechanics of contraction-2
	5	Excitation – contraction coupling
Microbiology	1	Introduction
	2, 3, 4	Viral and fungal skin lesions <i>Available as e-learning</i>
		Bacterial skin lesions <i>Available as e-learning</i>
	5	Review of skin lesions Diabetic foot
	6	Osteomyelitis
	7	Muscle infections and Septic arthritis
Pathology	1	Introduction
	2	Congenital diseases of bone and cartilage
	3	Metabolic disorders of bone
	4	Paget disease of bone
	5	Fractures
	6	Osteonecrosis
	7	Osteomyelitis
	8	Bone tumors
Pharmacology	1	Drugs For Skin Disease-1
	2	Drugs For Skin Disease-2
	3	Skeletal Muscle Relaxant-1
	4	Skeletal Muscle Relaxant-2
	5	Antiinflammatory Drugs-1
	6	Antiinflammatory Drugs-2
	7	Drugs For Gout
Histology	1	Skin histology-1 <i>Available as e-learning</i>
	2	Skin histology-2 <i>Available as e-learning</i>
Anatomy	1	Bones of lower limb
	2	Anterior and medial compartment of thigh
	3	Gluteal region & Back of the thigh
	4	Leg
	5	Foot
	6	Femoral triangle, subsartorial canal and popliteal fossa
	7	Nerves and vessels of lower limb
	8	Hip, knee and ankle joints

	9	Clinical application
	10	Vertebral Column PBL
	11	Thoracic cage Muscles of the back <i>Available as e-learning</i>
	12	Skull <i>Available as e-learning</i>
	13	Introduction to head and neck anatomy
	14	Scalp
	15	Face
	16	Cranial cavity-1
	17	Cranial cavity-2
	18	Ear <i>Available as e-learning</i>
	19	Orbit-1
	20	Orbit-2
	21	Neck-1 <i>Available as e-learning</i>
	22	Neck-2 <i>Available as e-learning</i>
	23	Eyeball PBL
	24	Group Discussion
Embryology	1	Branchial arches
	2	Development of face and palate
PBL	1	Osteoarthritis of the knee joint
	2	MSK disorders