

Academic year 2016/2017
Faculty of Dentistry
First Year, First Semester

Week	LECTURE	DISSECTION	HISTOLOGY
	Wednesdays 14.00 – 14.45 Fridays 10.00 - 11.40	Wednesdays 12.00– 13.30 Fridays 8.50 – 9.35	Fri 12.00 – 13.30 ED I 1-2 Tue 15.10-16.40 ED I 3-4
Week 1 Sept. 5-9.	1. The role of anatomy, histology and embryology in the medical curriculum. Terminology 2. General osteology. Composition of the extremities. 3. Concept and types of tissues, epithelial tissue, simple epithelia	Dissection room activity, tools safety and rules. Osteology.	Introduction to histology. Rules, use of the microscope. Histological stains. Study of a compact and a hollow organs
Week 2. Sept. 12-16.	4. Skull. Sphenoid and ethmoid bones 5. Temporal bone 6. Stratified epithelia	Osteology	Simple epithelia
Week 3. Sept. 19-23.	7. Neurocranium, including the calvary, internal and external skull bases 8. Glandular epithelium 9. Viscerocranium, including the orbit	Osteology	Stratified epithelia
Week 4. Sept. 26-30.	10. Connective tissue fibres, types of the connective tissue 11. Mandible and maxilla 12. Nasal cavity, paranasal sinuses	Osteology	Glandular epithelia
Week 5. Oct. 3-7.	13. Bony oral cavity, pterygopalatine and infratemporal fossae 14. General arthrology and general myology 15. Connective tissue cells, blood cells	1. Osteology 2. 1st midterm test: Osteology The midterm starts at 8.00	Connective tissue I. Fibrous elements, ground substance
Week 6. Oct. 10-14. Oct. 15. Saturday is a „Monday,,	16. Shoulder girdle, shoulder joint and the muscles acting upon it 17. Elbow joint and the muscles acting upon it 18. Bones, joints and muscles of the hand	Dissection of the extremities (joints, muscles, vessels, nerves)	Connective tissue II. Cellular elements Blood, bone marrow
Week 7. Oct. 17-21.	19. Pelvic girdle. 20. Hip joint and the muscles acting upon it. 21. -	Dissection of the extremities (joints, muscles, vessels, nerves) NO FRIDAY CLASS	Tuesday class Groups 3-4 Supporting tissues : Cartilage, bone No Friday class for groups 1-2
Week 8. Oct. 24-28.	22. <i>Introduction to human embryology. Gametogenesis, fertilization. Cleavage.</i> 23. <i>Blastulation, implantation. The bilaminar embryo. Formation of ectoderm and endoderm.</i> 24. Supporting tissue (cartilage, bone).	Dissection of the extremities (joints, muscles, vessels, nerves)	Tuesday class, Groups 3-4 Types of ossification Friday class, Groups 1-2 Supporting tissues : Cartilage, Bone
Week 9. Oct. 31-Nov. 4. Oct.31 and Nov.1 are national holidays	25. Bone formation, bone remodelling 26. Knee joint and the muscles acting upon it 27. Bones, joints and muscles of the foot	Dissection of the extremities (joints, muscles, vessels, nerves)	No class on Tuesday for Groups 3-4 Friday class, Groups 1-2 Types of ossification Revision
Week 10. Nov. 7-11.	28. <i>Formation and differentiation of mesoderm. Derivatives of the germinal layers.</i> 29. Temporomandibular joint, muscles of mastication 30. Muscle tissue: skeletal, smooth and cardiac muscles	Dissection of the extremities (joints, muscles, vessels, nerves)	2nd midterm test: Epithelial, connective and supporting tissues
Week 11. Nov. 14-18.	31. <i>Neurulation. Folding of the embryo</i> 32. Muscles of facial expression 33. Muscles, fasciae and triangles of the neck	Dissection of the extremities (joints, muscles, vessels, nerves)	Smooth, skeletal and cardiac muscle tissues
Week 12. Nov. 21-25.	34. Nervous tissue: neurons and supporting cells 35. Nervous tissue: fibres, synapses, receptors, effectors 36. <i>Fetal membranes, umbilical cord. Structure of the placenta, placental circulation.</i>	1. Dissection of the extremities (joints, muscles, vessels, nerves) 2. 3rd midterm test: Joints, muscles, vessels and nerves of the extremities The midterm starts at 8.00	Peripheral nervous system. Spinal and autonomic ganglia, peripheral nerve, motor end plate
Week 13. Nov. 28- Dec.2.	37. <i>Formation of vessels, fetal circulation, twinning, developmental malformations</i> 38. Thoracic cage, diaphragm 39. Abdominal muscles, rectus sheath, hernia canals	Muscles of the head, neck and trunk (demonstration)	Placenta. Umbilical cord.
Week 14. Dec. 5-9.	40. Vertebral column; movements and muscles. Actions and muscles of the atlantooccipital and atlantoaxial joints. 41. <i>Development of the vertebral column and the locomotor system</i> 42. <i>Development of the skull. Fontanelles</i>	Embryology test .	Revision