

ED II. Academic year 2014/2015 Second Semester

Maxillofacial Anatomy

Week	Lectures Monday 10.00 – 11.40 Thursday 13.00 - 13.45	Dissection room Monday 8.00 - 9.30
Week 1 Febr 1 - 5	1. Introduction, the composition and development of the skull 2. Maxilla, mandible. The temporomandibular joint, masticatory muscles, mechanism of mastication 3. Walls and parts of the oral cavity, the oral mucosa	Bones and spaces of the skull, content of the orbit
Week 2 Febr 8 - 12	4. Anatomy, histology and innervation of the tongue 5. Topography, histology, innervation of the salivary glands 6. The palate and the faucial isthmus	Prosected specimen: demonstration of the head@neck: oral cavity, tongue and the salivary glands
Week 3 Febr 15 - 19	7. Nasal cavity and paranasal sinuses 8. The pharynx and the parapharyngeal spaces 9. The cavity, muscles and the mucosa of the larynx	Prosected specimen: demonstration of the head@neck: oral cavity, tongue, salivary glands pahrynx, larynx. Mediansagittal section of head
Week 4 Febr 22 - 26	10. Development of the face, malformations 11. Pharyngeal pouches, development of the tongue 12. Anatomy of the teeth I	Prosected specimen: demonstration of the head@neck: oral cavity, tongue, salivary glands pahrynx, larynx. Mediansagittal head section Teeth
Week 5 Febr 29 – March 4 March 5 Monday classes on Saturday	13. Anatomy of the teeth II. 14. Histology of the teeth I. 15. Histology of the teeth II. 16. Parodontium 17. Bone formation, bone remodelling and supplementation	Prosected specimen: demonstration of the head@neck: oral cavity, tongue, salivary glands pahrynx, larynx. Mediansagittal head section Teeth, morphology and histology (photos) Dissection class on Saturday March 5.
Week 6 March 7 - 11	18. Tooth development, malformations 19. <i>Anatomical relevances in gnathology</i> 20. 1st Midterm (written): lectures 1-19.	Prosected specimen: demonstration of the head@neck: oral cavity, tongue, salivary glands pahrynx, larynx. Mediansagittal head section Teeth, morphology and histology (photos)
Week 7 March 14 - 18	-- March 15th holiday -- March 15th holiday 21. Blood vessels of the head&neck region	Maxilla, mandible. Prosected specimen: demonstration of the temporomandibular joint, muscles of mastication and facial expression.
March 21 – 25	Easter Break	
Week 8 March 29 – April 1	23. -- Easter Monday 22. -- Easter Monday 24. The lymphatic system of the head&neck region	Maxilla, mandible. Prosected specimen: demonstration of the temporomandibular joint, muscles of mastication and facial expression.
Week 9 April 4 - 8	25. Nerves of the head&neck region I.: CN 5 26. Innervation of the teeth and the gingiva, the anatomy of dental local anaesthesia 27. The reflex arc of mastication, the clinical anatomy of trigeminal neuralgia	Easter Monday
Week 10 April 11 - 15	28. Nerves of the head&neck region II. CN 7 and 9 29. Nerves of the head&neck region III CN 10, 11 and 12 30. Topography of the viscerocranium. The orbit	Prosected specimen (torso and head): demonstration of the vessels and nerves of the head&neck regions. Regional anatomy of the head
Week 11 April 18 - 22	31. Superficial regions and muscles of the head 32. Deep regions and sectional anatomy of the head 33. The concept of the spinal nerve, dorsal branches, branches of the cervical plexus	Prosected specimen (torso and head): demonstration of the vessels and nerves of the head&neck regions. Regional anatomy of the head
Week 12 April 25 – 29 <i>Competition 1st round</i>	34. Superficial regions, muscles and fasciae of the neck 35. Deep regions and sectional anatomy of the neck 36. The cutaneous innervation of the head&neck region	Prosected specimen (torso and head): demonstration of the vessels and nerves of the head&neck regions. Demonstration of the final's specimen: parapharyngeal space, cross section of the head and the neck
Week 13 May 2 - 6 <i>Competition 2nd round</i>	37. Topography of the neurocranium 38. The cranial parasympathetic and sympathetic system 39. Surgical relevances of the head and neck region	2nd Midterm: Topographical and sectional anatomy of the head and neck regions including their internal organs
Week 14 May 9 - 13	40. Imaging anatomy of the jaws, teeth and the maxillary sinus (Radiology lecture) 41. Histology revision 1. 42. Histology revision 2. <i>Announcement of the competition results</i>	Revision