

ANATOMY 1 General medicine_Autumn 2017

Lecture		Seminar	Self-study
1.	Introduction to anatomy (anatomical terminology, planes and directions of the human body). Osteology, rules for description of bones. Introduction to radiology. Skeleton of the spine and thorax	Skeleton of the spine and thorax (vertebrae, sacrum, coccyx, ribs, sternum)	Study in the bone room of the Department of Anatomy
2.	Skeleton of the upper and lower extremities	Skeleton of the upper extremity Description of x-ray pictures	Study in the bone room of the Department of Anatomy
3.	Bones of neurocranium	Skeleton of the lower extremity Description of x-ray pictures	Study in the bone room of the Department of Anatomy
4.	Bones of splanchnocranium Skull	Bones of neurocranium Description of x-ray pictures	Study in the bone room of the Department of Anatomy
5.	Synovial joints (general structure) Joints of the spine, thorax and skull Joints of the upper limb (art. humeri et cubiti)	Bones of splanchnocranium Skull Description of x-ray pictures	Sex differences of the skull General arthrology (synarthroses, diarthroses) The shape and movements of the spine and thorax, incl. movements during respiration
6.	Joints of the upper limb (art. radiocarpalis et mediocarpalis, canalis carpi) Joints of the lower limb (art. coxae, art. genus, art. talocruralis, art. tarsi transversa) Arches of the foot	Joints of the spine, thorax and skull Joints of the upper limb (art. humeri et cubiti) Description of x-ray pictures	Joints of upper and lower limbs

7.	General description of the muscle Functional muscular groups and their representatives	Joints of the upper and lower limbs Pelvis Pelvic planes Description of x-ray pictures	Topographical division of muscles
8.	Digestive system 1 (structure of the digestive tube, oral cavity, pharynx, oesophagus, small and large intestine)	Muscles of the head and neck Oral cavity (incl. tongue and salivary glands), pharynx, oesophagus, stomach, small and large intestine Description of x-ray pictures	Muscles of the head Dentition (description, eruption, fixation, dental formula)
9.	Digestive system 2 (liver, gall bladder, bile ducts, pancreas) Peritoneal cavity	Muscles of the abdomen Liver, gall bladder, spleen, pancreas. Peritoneal cavity. Description of x-ray pictures	Muscles of the abdomen
10.	Respiratory system (laryngeal muscles and their function, laryngoscopic picture, blood supply of lungs, mechanism of respiration)	Muscles of the thorax External nose, nasal cavity proper, larynx, bronchi, lungs, thyroid gland Description of x-ray pictures	Muscles of the thorax. Sinuses, larynx (cartilages, joints, muscles) Arbor bronchialis Thymus and parathyroid glands
11.	Selected muscles of the back and extremities	Muscles of the back and extremities	Muscles of the back and extremities
12.	Preparation for the dissection: spinal nerve; dorsal rami; plexus brachialis, lumbalis et sacralis	Preparation for the dissection: demonstration of the regions and structures of the back and extremities (including vessels and nerves)	Regions of the back and extremities Vessels and nerves of the back and extremities
13.	Dissection 1 (dissection of the back, upper and lower extremities)		Regions of the back and extremities
14.	Practical part of examination 1 (regions of the back, upper and lower limbs)		Regions of the back and extremities