**ANATOMY 1** General medicine\_Autumn 2017

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| 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 | Jointsc 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 |