

ANATOMY 2 General medicine - spring 2017

Lectures		Seminars	Self-study
1.	Urinary system Male genital system	Urinary system, Male genital system and pelvic floor Description of x-ray pictures	Male external genital organs The muscles of the external genitalia of man
2.	Female genital system Female pelvic floor	Female genital system and pelvic floor, topographic anatomy of pelvis, Description of x-ray pictures	Female external genital organs The muscles of the external genitalia of woman
3.	Heart, aortic arch	Heart, ascending aorta, aortic arch. A. carotis communis, a. carotis externa	Innervation and the lymph system of the heart
4.	Arteries, veins, lymph system (a review)	Descending aorta, main arteries and veins, Portal vein, portocaval anastomoses, Fetal circulation	Branches of arteries. Tributaries of veins. Lymphatic system
5.	Spinal cord and brain stem (structure)	Gross anatomy of the CNS (spinal cord, brain stem). Appearance of the cranial nerves in the brainstem Cranial nerve nuclei on the floor of IV. ventricle	General anatomy of nerve system
6.	Cranial nerves (III.-VII., IX-XII)	Cranial nerves (III.-VII., IX-XII), course. Skull base	The main innervation regions of cranial nerves
7.	Cerebellum and diencephalon (structure, connections, functions) Hypothalamic-pituitary connections	Cranial nerve (V) Gross anatomy of the cerebellum and diencephalon	Axonal transport
8.	Telencephalon (structure) Basal ganglia (connections, functions)	Telencephalon (anatomy; grey matter – cortex + basal ganglia; white matter – pathways)	Basic cortical areas by Brodmann
9.	Blood supply, meninges and ventricles of the CNS, cerebrospinal fluid	Blood supply, meninges and ventricles of the CNS, cerebrospinal fluid	Circumventricular organs
10.	Auditory and vestibular system Cranial nerve VIII	Auditory and vestibular system Temporal bone	
11.	Visual system + orbital region	Visual system + orbital region	Cervical plexus, intercostal nerves
12.	Human body imaging techniques Organ projections	Imaging techniques, reading of anatomical structures	Skin and its derivatives
13.	ANS (cervical sympathetic system, enteric system, central modulation of the ANS)	Preparations for the dissection: Topographic anatomy of head, neck and trunk regions	ANS (division, characteristics, basic structural arrangements)
14. & 15.	Dissection (dissection of the head, neck and trunk)		

Practical Exam from Anatomy-Dissection 2 (head, neck, ventral side of the trunk, pelvis) – announced

dates in the first two days of the 1st week of the

exam period.