

ANATOMY for students of General Medicine (B83004) and Dentistry (B83030)

Syllabus of lectures in winter semester 2024/2025

Monday 12:20 – 13:50, Thursday 12:15-13:45
Great Lecture Hall

Week		Topic
1.	30. 9. – 4. 10.	Introduction to the study of anatomy. Anatomical terminology. Development of organ systems. General anatomy of bones and joints. Sd, Sz
2.	7.10. – 11.10.	The limb and joint development. The joints of the upper limb, joint movements. Ka, Ka
3.	14.10. – 18.10.	The pelvis, joints of the lower limb, joint movements. Ka, Ka
4.	21.10. – 25.10.	General anatomy of the muscle, its blood supply and innervation. General angiology. Structure of the spinal nerve. Muscles of the upper limb, osteofascial compartments, vessels and nerves I. Va, Va
5.	28.10. – 1.11.	Muscles of the upper limb, osteofascial compartments, vessels and nerves II. Muscles of the lower limb, osteofascial compartments, vessels and nerves I. ---, Sd
6.	4.11. – 8.11.	Muscles of the lower limb, osteofascial compartments, the survey of the vessels and nerves II. The limb development. Vertebrae, ribs, sternum. Connections on the vertebral column and thorax. Development of the axial skeleton. Sd, Dr
7.	11.11. – 15.11.	Muscles of the thorax. Muscles of the abdomen, inguinal canal. Surgical approaches to the abdominal cavity. Vessels and nerves of abdominal wall. Muscle groups of the back. Development of the diaphragm. Va, Va
8.	18.11. – 22.11.	The skull: principles of development and structure. The neurocranium and splanchnocranium bones. KI, KI
9.	25.11. – 29.11.	Connections on the skull bones, parts and spaces of the skull. The skull of newborn. Masticatory muscles, mimic muscles, their innervation. KI, KI
10.	2.12. – 6.12.	Muscles of the neck; their innervation. Osteofascial compartments of the neck. Carotid arteries, internal jugular vein. Subclavian artery. KI, KI
11.	9.12. – 13.12.	General anatomy and development of the gastrointestinal system. Oral cavity, the tongue, salivary glands, pharynx; their vessels and innervation. The teeth, palate, facial clefts. Va, Ko
12.	16.12. – 20.12.	Macro- and microscopic anatomy of oesophagus. Stomach, small and large intestine, rectum and anus. The pancreas, liver, biliary ducts; their vessels and innervation. Sm, Sm
13.	6.1. – 10.1.	Radiological examination of GIT. Abdominal aorta, inf. vena cava, portal circulation. The peritoneal cavity and its development, peritoneal relations of the organs. Sm, Sm
14.	13.1.–17.1.	General anatomy and development of lymphatic system, main lymphatic ducts. Structure of lymphatic node and central lymphatic organs. Lymphatics of GIT, MALT Spleen. Ka, Ka
15.	20.1.–24.1.	Macro- and microscopic anatomy of the respiratory system, its blood supply, lymphatics, BALT, innervation and development. Mediastinum. Thoracic aorta, superior vena cava. Thymus. Sd, Sd

Dr – Druga, Ka – Kachlík, KI – Klepáček, Ko – Kolesová,
Sd – Sedmera, Sm – Smetana, Sz – Szabo, Va – Valášek

28. 10. Monday – National Holidays