

The content of practical lessons in HUMAN ANATOMY
for the first year students, II semester (*spring admission*), Faculty of MEDICINE nr. 2,
academic year 2024-2025

	THEME
I 02 – 06.09.24	1. Spinal cord and spinal meninges – structure, topography, examination on a living person. 2. Rhombencephalon (medulla oblongata, pons, cerebellum, rhomboid fossa, isthmus rhombencephali) – external and internal features. The fourth ventricle – walls, communications. Reticular formation of the brainstem.
II 09 – 13.09.24	3. Mesencephalon and diencephalon – components, external and internal features. The third ventricle – walls, communications. Epiphysis and hypophysis – features, functional role. 4. Cerebral hemispheres, the relief of the cortex. The cortical areas and their functions. Limbic system.
III 16 – 20.09.24	5. White substance of the hemispheres. Basal nuclei and related structures. The lateral ventricles, communications. 6. Cranial meninges and cerebrospinal fluid (CSF). Examination of the brain and its vessels on a living person.
IV 23 – 27.09.24	7. Conducting pathways of the central nervous system. 8. ASSESSMENT. CNS. Autonomic (vegetative) nervous system – generalities, components.
V 30.09 – 04.10.24	9. Visual system (analyzer) – generalities. Eye and related structures. Eyeball and accessory ocular structures. The cranial nerves II, III, IV, VI. Conducting pathway of the visual system, examination on a living person. 10. Ear (external, middle and internal). The cranial nerve VIII. Conducting pathways of the acoustic and vestibular systems (analyzers), examination on a living person.
VI 07 – 11.10.24	11. Trigeminal nerve – generalities. The I, II, III branches of the trigeminal nerve, areas of innervation, its conducting pathway, examination on a living person. 12. Facial nerve – fiber components, areas of innervation, connections, conducting pathway, examination on a living person.
VII 14 – 18.10.24	13. Glossopharyngeal and vagus nerves – parts, nuclei, types of fibers, branches, areas of innervation, connections. Olfactory nerves and terminal nerve. Olfactory and gustatory systems (analyzers). Conducting pathways, examination on a living person. 14. The cranial nerves XI and XII – branches, areas of innervation, connections, examination on a living person. Innervation of the tongue
VIII 21 – 25.10.24	15. TEST. ASSESSMENT. ANS AND CRANIAL NERVES. 16. Spinal nerves, their rami. Cervical plexus – formation, branches, areas of innervation. Innervation of the skin of the head and neck. Examination of the nerves of the cervical plexus on a living person.
IX 28.10 – 01.11.24	17. Common, external and internal carotid arteries – topography, branches, areas of irrigation, examination on a living person. Sinocarotid reflexogenic zone. 18. Subclavian artery and its branches – topography, areas of irrigation, examination on a living person. Cervical part of the sympathetic trunk – ganglia, branches (rami), connections.
X 04 – 08.11.24	19. Veins and lymphatics of the head and neck – topography, examination on a living person. Neurovascular bundle of the neck. 20. Blood vessels, lymphatics and nerves of the thorax, topography, examination on a living person. Vasculature, innervation and lymphatic drainage of the organs of the thoracic cavity. Innervation of the thoracic walls and mammary gland. Blood vessels, lymphatics and nerves of the heart, cardiac plexuses.
XI 11 – 15.11.24	21. Brachial plexus – formation, topography. Branches of the brachial plexus – path, areas of innervation, examination on a living person. Innervation of the skin of the upper limb. Thoracic (spinal) nerves, their branches. Innervation of the walls of the thoracic cavity and mammary gland. 22. Blood vessels and lymphatics of the thorax and upper limb – topography, examination on a living person. Blood supply and lymphatic drainage of the joints and muscles of the upper limb.
XII 28 – 22.11.24	23. ASSESSMENT. BLOOD VESSELS AND NERVES OF THORAX AND UPPER LIMB. 24. Abdominal aorta – topography, branches, examination on a living person. Peculiarities of vasculature of the abdominal viscera.
XIII 25 – 29.11.24	25. Blood vessels of the pelvis. Veins of the abdominal cavity, their tributaries, examination on a living person. The portacaval and cavocaval anastomoses. Lymphatics of the abdomen and pelvis, their applied significance. 26. Lumbar and sacral parts of the sympathetic trunk, autonomic (vegetative) plexuses of the abdominal and pelvic cavities, and innervation of the abdominal and pelvic viscera.
XIV 02 – 06.12.24	27. Blood vessels and lymphatics of the lower limb, examination on a living person. Vasculature of the joints and muscles of the lower limb. 28. Lumbosacral plexus – formation, branches, areas of innervation, examination on a living person. Innervation of the abdominal walls. Innervation of the joints, muscles and skin of the lower limb. Innervation of the perineum and external genitalia.
XV 09 – 13.12.24	29. ASSESSMENT. BLOOD VESSELS AND NERVES OF ABDOMEN AND LOWER LIMB. 30. FINAL ASSESSMENT OF THE PRACTICAL SKILLS + INDIVIDUAL WORK.

Head of the Department

Iliia Catereniuc