

**The content of practical lessons in HUMAN ANATOMY
for the first year students, II semester, Faculty of MEDICINE nr. 2,
academic year 2021-2022**

	THEME
01 – 03.09.21	<ol style="list-style-type: none"> 1. Spinal cord and spinal meninges – structure, topography, examination on a living person. 2. <i>Medulla oblongata, pons, cerebellum – external and internal features.</i>
06 – 10.09.21	<ol style="list-style-type: none"> 3. <i>Rhomboid fossa, isthmus rhombencephali, midbrain – external and internal features. The fourth ventricle – walls, communications. Reticular formation.</i> 4. Diencephalon – components, external and internal features. The third ventricle – walls, communications. Epiphysis and hypophysis – features, functional role.
13 – 17.09.21	<ol style="list-style-type: none"> 5. Cerebral hemispheres, the relief of the cortex. The cortical areas and their functions. Limbic system. 6. White matter of the hemispheres. Basal nuclei and related structures. The lateral ventricles.
20 – 24.09.21	<ol style="list-style-type: none"> 7. Cranial meninges and cerebrospinal fluid (CSF). Examination of the brain on a living person. 8. Conducting pathways of the central nervous system.
27.09 – 01.10.21	<ol style="list-style-type: none"> 9. ASSESSMENT (SIMU test and practical skills). Autonomic (vegetative) nervous system – generalities, components. 10. Visual system – 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.
04 – 08.10.21	<ol style="list-style-type: none"> 11. Ear (external, middle and internal). The cranial nerve VIII. Conducting pathways of the acoustic and vestibular systems (analyzers), examination on a living person. 12. Trigeminal nerve – generalities. The I, II, III branches of the trigeminal nerve, areas of innervation, its conducting pathway, examination on a living person.
11 – 15.10.21	<ol style="list-style-type: none"> 13. Facial nerve – fiber components, areas of innervation, connections, conducting pathway, examination on a living person. 14. <i>Glossopharyngeal nerve – 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.</i>
18 – 22.10.21	<ol style="list-style-type: none"> 15. <i>Vagus nerve – segments, branches, areas of innervation, connections. Conducting pathway of the vagus nerve, examination on a living person.</i> 16. The cranial nerves XI and XII – branches, areas of innervation, connections, examination on a living person. Innervation of the tongue.
25 – 29.10.21	<ol style="list-style-type: none"> 17. ASSESSMENT (SIMU test and practical skills). 18. 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.
01 – 05.11.21	<ol style="list-style-type: none"> 19. Common, external and internal carotid arteries – topography, branches, areas of irrigation, examination on a living person. Sinocarotid reflexogenic zone. 20. Subclavian artery and its branches – topography, areas of irrigation, examination on a living person. Cervical part of the sympathetic trunk – ganglia, branches (rami), connections.
08 – 12.11.21	<ol style="list-style-type: none"> 21. Veins and lymphatics of the head and neck – topography, examination on a living person. Neurovascular bundle of the neck. 22. <i>Blood vessels, lymphatics and nerves of the heart, cardiac plexuses. Blood vessels, lymphatics and nerves of the mediastinum, topography, examination on a living person. Vasculature, innervation and lymph drainage of the organs of the thoracic cavity.</i>
15 – 19.11.21	<ol style="list-style-type: none"> 23. Brachial plexus – formation, topography. Branches of the brachial plexus – paths, 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. 24. Blood vessels and lymphatics of the thorax and upper limb – topography, examination on a living person. Blood supply and lymph drainage of the joints and muscles of the upper limb.
22 – 26.11.21	<ol style="list-style-type: none"> 25. ASSESSMENT (Oral part and practical skills). 26. Abdominal aorta – topography, branches, examination on a living person. Peculiarities of vasculature of the abdominal viscera.
29.11 – 03.12.21	<ol style="list-style-type: none"> 27. <i>Blood vessels of the pelvis. Veins of the abdominal cavity, their tributaries, examination on a living person. The portacaval and cavo-caval anastomoses.</i> 28. <i>Lymphatics of the abdomen and pelvis, their applied significance.</i>
06 – 10.12.21	<ol style="list-style-type: none"> 29. 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. 30. Blood vessels and lymphatics of the lower limb, examination on a living person. Vasculature of the joints and muscles of the lower limb.
13 – 17.12.21	<ol style="list-style-type: none"> 31. Lumbar plexus – formation, branches, areas of innervation, examination on a living person. Innervation of the abdominal walls. 32. Sacral and coccygeal plexuses – formation, branches, areas of innervation, examination on a living person.
20 – 24.12.21	<ol style="list-style-type: none"> 33. Innervation of the joints, muscles and skin of the lower limb. Innervation of the perineum and external genitalia. 34. ASSESSMENT (Oral part and practical skills). FINAL ASSESSMENT OF THE PRACTICAL SKILLS.

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	THEME	Series D Tuesday 13⁰⁰ Aula „PG” (gr. M2156p-M2162p)	LECTURERS
1.	Functional anatomy of the spinal cord and brain. Reticular formation. Limbic system	<i>07.09.2021</i>	T. Hacina
2.	Functional anatomy of the spinal and cranial meninges. Cerebrospinal fluid (CSF)	<i>21.09.2021</i>	T. Hacina A. Babuci
3.	Functional anatomy of the autonomic (vegetative) nervous system	<i>05.10.2021</i>	T. Hacina
4.	Functional anatomy of the sensory systems	<i>19.10.2021</i>	L. Globa A. Babuci
5.	Functional anatomy of the cranial nerves	<i>02.11.2021</i>	L. Globa
6.	Vasculature and innervation of the heart	<i>16.11.2021</i>	A. Bendelic
7.	Functional anatomy of the vascular system of the head and neck	<i>30.11.2021</i>	T. Hacina
8.	Functional anatomy of the lymphoid system	<i>14.12.2021</i>	L. Globa
9.	Functional anatomy and variability of the blood vessels of the limbs	<i>21.12.2021</i>	A. Bendelic

Head of the Department,
Professor

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