

**The content of practical lessons in Human anatomy
for the first year students, Faculty of MEDICINE nr. 2,
II semester, academic year 2017-2018**

	THEME
05 – 09.02.18	<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 conformation, structure.</i>
12 – 16.02.18	<ol style="list-style-type: none"> 3. <i>Rhomboid fossa, isthmus rhombencephali, midbrain – external conformation, structure. The fourth ventricle – walls, communications. Reticular formation.</i> 4. Diencephalon – components, external conformation, structure. The third ventricle – walls, communications. Epiphysis and hypophysis – structure, functional role.
19 – 23.02.18	<ol style="list-style-type: none"> 5. Cerebral hemispheres, relief of cortex. The cortical areas and their functions. Limbic system. 6. White matter of the hemispheres. Basal nuclei. The lateral ventricles, communications.
26.02 – 02.03.18	<ol style="list-style-type: none"> 7. Cerebral meninges and cerebrospinal fluid (CSF). Examination of the brain and its blood vessels on a living person. 8. Conducting pathways of the central nervous system.
05 – 09.03.18	<ol style="list-style-type: none"> 9. TEST. ASSESSMENT. Autonomic nervous system – general data, components. 10. Organ of vision – components. Eyeball, auxiliary apparatus of the eyeball. The II, III, IV, VI cranial nerves. Conducting pathway of the visual analyzer, examination on a living person.
12 – 16.03.18	<ol style="list-style-type: none"> 11. Organ of hearing (external, middle and internal ear). The VIII cranial nerve. Conducting pathways of the vestibular and cochlear 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.
19 – 23.03.18	<ol style="list-style-type: none"> 13. Facial nerve – fiber components, areas of innervation, connections, conducting pathway, examination on a living person. 14. <i>Vagus nerve – segments, branches, areas of innervation, connections. Conducting pathway of the vagus nerve, examination on a living person.</i>
26 – 30.03.18	<ol style="list-style-type: none"> 15. <i>Glossopharyngeal nerve – nuclei, types of fibers, branches, areas of innervation, connections. Olfactory nerves and terminal nerve. Olfactory and gustatory analyzers – conducting pathways, examination on a living person.</i> 16. The XI and XII cranial nerves – branches, areas of innervation, connections, examination on a living person. Innervation of the tongue.
02 – 06.04.18	<ol style="list-style-type: none"> 17. TEST. ASSESSMENT. 18. Spinal nerves, their branches. 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.
16 – 20.04.18	<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 portion of the sympathetic trunk – ganglia, branches (rami), connections.
23 – 27.04.18	<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. Blood vessels, lymphatics and nerves of the heart, cardiac plexuses.
30.04 – 04.05.18	<ol style="list-style-type: none"> 23. Blood vessels, lymphatics and nerves of the mediastinum, topography, examination on a living person. Vascularization, innervation and lymph drainage of the organs of the thoracic cavity. 24. 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.
07 – 11.05.18	<ol style="list-style-type: none"> 25. 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. 26. TEST. ASSESSMENT.
14 – 18.05.18	<ol style="list-style-type: none"> 27. Abdominal aorta – topography, branches, examination on a living person. Peculiarities of vascularization of the abdominal viscera. 28. <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>
21 – 25.05.18	<ol style="list-style-type: none"> 29. <i>Lymphatics of the abdomen and pelvis, their applied significance.</i> 30. Lumbar and sacral portions of the sympathetic trunk, vegetative plexuses of the abdominal and pelvic cavities, and innervation of the abdominal and pelvic viscera.
28.05 – 01.06.18	<ol style="list-style-type: none"> 31. Blood vessels and lymphatics of the lower limb, examination on a living person. Vascularization of the joints and muscles of the lower limb. 32. Lumbar plexus – formation, branches, areas of innervation, examination on a living person. Innervation of the abdominal walls.
04 – 08.06.18	<ol style="list-style-type: none"> 33. Sacral and coccygeal plexuses – formation, branches, areas of innervation, examination on a living person. Innervation of the joints, muscles and skin of the lower limb. Innervation of the perineum and the external genitalia. 34. TEST. ASSESSMENT. EVALATION OF THE PRACTICAL SKILLS. Demonstration of the blood vessels and nerves of the human body regions.

Chief of the department,
professor

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	THEME	Series „D” Friday 9⁵⁰ Aula „PG” (gr. M1750- M1758)	Series „E” Monday 13⁰⁰ Aula „PG” (gr. M1759- M1765)	Students from India Wednesday 13⁰⁰ Aula „A” (gr. M1768- M1772)	LECTURERS
1.	Functional anatomy of the spinal cord and brain. Reticular formation. Limbic system	<i>09.II.2018</i>	<i>05.II.2018</i>	<i>14.II.2018</i>	T. Hacina
2.	Functional anatomy of the spinal and cerebral meninges. Cerebrospinal fluid (CSF)	<i>23.II.2018</i>	<i>19.II.2018</i>	<i>28.II.2018</i>	A. Babuci
3.	Functional anatomy of the autonomic nervous system	<i>09.III.2018</i>	<i>05.III.2018</i>	<i>14.III.2018</i>	T. Hacina
4.	Functional anatomy of the sense organs	<i>23.III.2018</i>	<i>19.III.2018</i>	<i>28.III.2018</i>	A. Babuci
5.	Functional anatomy of the cranial nerves	<i>06.IV.2018</i>	<i>02.IV.2018</i>	<i>18.IV.2018</i>	L. Globa
6.	Vascularization and innervation of the heart	<i>27.IV.2018</i>	<i>23.IV.2018</i>	<i>2.V.2018</i>	A. Bendelic
7.	Functional anatomy of the vascular system of the head and neck	<i>11.V.2018</i>	<i>07.V.2018</i>	<i>16.V.2018</i>	T. Hacina
8.	Functional anatomy of the lymphatic and immune systems	<i>25.V.2018</i>	<i>21.V.2018</i>	<i>30.V.2018</i>	L. Globa
9.	Functional anatomy and variability of the blood vessels of the limbs	<i>08.VI.2018</i>	<i>04.VI.2018</i>	<i>06.VI.2018</i>	A. Bendelic

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DATA	THEME
<i>05 – 09.02.18</i>	1. Skull (cranium) – structural peculiarities, compartments. Occipital, frontal, parietal and sphenoidal bones.
<i>12 – 16.02.18</i>	2. Temporal and ethmoidal bones
<i>19 – 23.02.18</i>	3. Bones of the facial skull (viscerocranium). Skull as a whole.
<i>26.02 – 02.03.18</i>	4. Skull as a whole. Articulations of the skull bones (sutures, fontanelles, synchondroses etc.). Temporomandibular joint, its biomechanics
<i>05 – 09.03.18</i>	5. Muscles of the head and neck. Fasciae and topography of the head and neck
<i>12 – 16.03.18</i>	6. TEST. ASSESSMENT (2 hours). Oral cavity, salivary glands, teeth
<i>19 – 23.03.18</i>	7. Nasal cavity, paranasal sinuses. Pharynx. Larynx.
<i>26 – 30.03.18</i>	8. Organ of vision. The II, III, IV, VI cranial nerves
<i>02 – 06.04.18</i>	9. Organ of hearing. The VIII cranial nerve
<i>16 – 20.04.18</i>	10. Trigeminal nerve, generalities, branches, areas of innervation. Conducting pathway
<i>23 – 27.04.18</i>	11. Facial nerve, branches, areas of innervation. Conducting pathway. Innervation of the glands of the head and neck regions
<i>30.04 – 04.05.18</i>	12. The IX and X cranial nerves, ganglia, branches, areas of innervation. Conducting pathways
<i>07 – 11.05.18</i>	13. Olfactory and gustatory analyzers. The XI and XII cranial nerves. Cervical plexus. Connections of the cranial nerves
<i>14 – 18.05.18</i>	14. TEST. ASSESSMENT (2 hours). Aortic arch, topography, branches. Common carotid artery, branches, sinocarotid reflexogenic zone. External carotid artery, topography, branches. Internal jugular vein, intra- and extracranial tributaries, diploic veins, emissary veins. Venous drainage from the brain
<i>21 – 25.05.18</i>	15. Internal carotid artery. Subclavian artery – topography, branches. Arterial circle of the brain. Superficial and deep veins of the head and neck regions. Lymphatics of the head and neck. Cervical portion of the sympathetic trunk.
<i>28.05 – 01.06.18</i>	16. Examination of the anatomical structures of the head and neck regions on a living person
<i>04 – 08.06.18</i>	17. TEST. ASSESSMENT

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No	THEME	Tuesday 8 ⁰⁰ Aula „A” (gr. S1711- S1714)	LECTURERS
1.	Functional anatomy of the skull (cranium). Ontogenesis, variants, abnormalities. Morphological peculiarities of the bones of the skull	06.II.2018	T. Hacina
2.	Age peculiarities and topography of the skull. Articulations of the skull bones	20.II.2018	T. Hacina
3.	Muscles, fasciae and topography of the head and neck. Clinical significance. Biomechanics of the temporomandibular joint	06.III.2018	A. Babuci
4.	Functional anatomy of the oral cavity and the viscera of the region of the neck. Functional anatomy of the odonton (tooth as an organ)	20.III.2018	L. Globa
5.	Functional anatomy of the cranial nerves	03.IV.2018	L. Globa
6.	Functional anatomy of the sense organs	24.IV.2018	A. Babuci
7.	Functional anatomy of the vascular system of the head and neck	08.V.2018	T. Hacina
8.	Somatic and vegetative innervation of the joints, muscles and viscera of the head and neck	22.V.2018	T. Hacina

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