



«УТВЕРЖДАЮ»  
 Зав. кафедрой нормальной анатомии  
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**МИМОС «лечебное дело»**  
**образовательная программа, частично реализуемая на английском языке**

**CALENDAR-THEMATIC PLAN OF LECTURES AND PRACTICAL CLASSES  
 IN HUMAN ANATOMY  
 FOR 1<sup>ST</sup> YEAR STUDENTS IN THE 2<sup>ND</sup> TERM OF 2021–2022 ACAD. YEAR**

**Lectures**

№ п.п.	Data	Topic
1.	5.02	Functional anatomy of the oral cavity, esophagus, stomach, small and large intestine. Functional anatomy of digestive glands: salivary glands, liver, pancreas.
2.	12.02	General anatomy of serous tunics and serous cavities of the human body. Functional anatomy of the peritoneum.
3.	19.02	Functional anatomy of human respiratory organs. Components and their characteristics. Brief organogenesis of the respiratory system, main developmental anomalies.
4.	26.02	Development and functional anatomy of urinary organs. Components of the system, features of their structure and function. Main developmental anomalies.
5.	5.03	Development and functional anatomy of genital organs. Components of the system, features of their structure and function. Main developmental anomalies.
6.	12.03	X-ray anatomy of internal organs.
7.	19.03	General anatomy of the cardiovascular system. Compartments, morphofunctional characteristics of arteries, veins and capillaries. Microcirculatory bed, collateral blood circulation. Anastomoses, their role in hemodynamics.
8.	26.03	Development of the human heart. Structure and topography. Valves, conductive system. Features of blood supply and venous drainage. Main developmental anomalies of the heart and large blood vessels. Structure of the heart in infants.
9.	2.04	Anatomy of the venous system. Features of the venous wall structure and venous hemodynamic. Venous return from different parts of the body. Superior and inferior cava veins. Portal vein. Architectonics, topography and anastomoses.
10.	9.04	Lymphatic system as a circulatory compartment. Main components, function. Anatomy of the thoracic and the right lymphatic ducts, their topography and communication with venous system. the role of Russian scientists in in the study of the lymphatic system (G.M. Iosifov, D.A. Zhdanov and others.).
11.	16.04	Regional anatomy of lymphatic system. Lymphatic drainage of organs and parts of the body.
12.	23.04	Anatomy of human immune organs, their clinical significance.
13.	30.04	Functional anatomy of human endocrine organs. Development, structure, classification.

**Practical classes**

Lia 106		Lia 105, 107, 108	
Monday		Tuesday	
31.01	T.1	1.02	T.1
7.02	T.2	8.02	T.2
14.02	T.3	15.02	T.3
21.02	T.4	22.02	T.4
28.02	T.5	1.03	T.5
7.03	T.6	15.03	T.6
14.03	T.7	22.03	T.7
21.03	T.8	29.03	T.8
28.03	T.9	5.04	T.9
4.04	T.10	12.04	T.10
11.04	T.11	19.04	T.11
18.04	T.12	26.04	T.12
25.04	T.13	3.05	T.13

16.05	T.14	17.05	T.14
23.05	T.15	24.05	T.15
30.05	T.16	31.05	T.16
6.06	T.17	7.06	T.17

№ п.п.	Lesson topic
1.	<b>Digestive system.</b> Anatomy of the oral cavity: vestibule of mouth, oral cavity proper. Tongue. Palate. Salivary glands. Anatomy of teeth. Pharynx: topography, structure. Lymphoid circle of pharynx. Esophagus: topography, structure, functions.
2.	Stomach: topography, structure, functions. Small intestine: parts, topography, structure, functions. Large intestine: parts, topography, structure, functions. Holotopy, skeletopy and syntopy of organs. Projections of organs on the anterior abdominal wall.
3.	Liver: topography, structure, functions. Segmental structure of liver. Gallbladder: topography, structure, functions. Pancreas: topography, structure, functions. Abdominal cavity. Peritoneum. Anatomy of the upper, middle and lower compartments of peritoneal cavity: bursae, recessus, plicae.
4.	<b>Respiratory system.</b> External nose. Nasal cavity. Larynx. Vocal apparatus of larynx. Trachea. Topography, structure, functions. Main bronchi.
5.	Lungs: topography, structure, functions. Segmental structure of lungs. The projection of the lungs on the surface of the chest. Pleura and pleural cavity: topography, structure, functions. Pleural recesses.
6.	<b>Urogenital apparatus.</b> Urinary organs. Kidneys: topography, external and internal structure, functions. Urinary bladder; ureters; urethra: topography, structure, functions.
7.	Male genital organs: external and internal structure, topography.
8.	Female genital organs: external and internal structure, topography. Perineum: structure, topography.
9.	<b>Rating control: "Splanchnology".</b> Oral control. Practical skills. Test control.
10.	<b>Cardiovascular system (CVS).</b> Heart: structure of the heart chambers and valve apparatus. Conductive system of the heart. Blood supply and innervation. Heart topography. Pericardium.
11.	<b>Arterial compartment of CVS.</b> Vessels of systemic circulation. Aorta. Branches of the aortic arch. External carotid artery: branches, regions of blood supply, topography. Internal carotid artery: branches, regions of blood supply, topography.
12.	Subclavian artery: branches, regions of blood supply, topography. Arteries of the upper extremity. Axillar artery: branches, regions of blood supply, topography. Arteries of the shoulder, forearm and hand. Topography, branches, regions of blood supply. Main arterial anastomoses of the upper extremity.
13.	Branches of the thoracic aorta: regions of blood supply, topography. Branches of the abdominal aorta: regions of blood supply, topography. Main arterial anastomoses.
14.	Common iliac artery. Arteries of the lower extremity: arteries of the thigh, leg and foot. Topography, branches, regions of blood supply. Main arterial anastomoses.
15.	<b>Venous compartment of CVS.</b> Superior vena cava system. Formation, main inflows, anastomoses. Veins of the head, neck and upper extremity.
16.	Inferior vena cava system. Portal vein system. Formation, main inflows. Pelvic veins, veins of the lower extremity. Venous anastomoses.
17.	<b>Rating control «Cardiovascular system. Lymphatic and immune systems».</b> Oral control. Practical skills. Test control.