«УТВЕРЖДАЮ»
Зав. кафедрой нормальной анатомии
человека, профессор Н. Т. Алексеева
9.01.2026 г.

31.05.01 Лечебное дело «МИМОС»
образовательная программа, частично реализуемая на английском языке
31.05.01 General medicine

CALENDAR-THEMATIC PLAN OF LECTURES AND PRACTICAL CLASSES IN HUMAN ANATOMY FOR 1ST YEAR STUDENTS IN THE 2ND TERM OF 2025–2026 ACAD. YEAR

Lectures
Wednesday – 11:00–12:40 – auditorium #501
Lecturer – Associate Prof. D.A. Sokolov

№ п.п.	Data	Topic
1.	4.02	Splanchnology. The concept of organ topography. General plan of the structure of the digestive tube. Components of the system. Types of digestion. The concept of anomalies and deformities. Classification of anomalies of internal organs. Development of the digestive tube. Anomalies in the development of the digestive system.
2.	11.02	Functional anatomy of the oral cavity, esophagus, stomach, small and large intestine. Functional anatomy of the large digestive glands: salivary glands, liver, pancreas.
3.	25.02	General anatomy of serous membranes and human serous cavities. Functional anatomy of the peritoneum.
4.	4.03	Functional anatomy of the human respiratory system. Components of the system, their characteristics. Brief description of the organogenesis of the system, developmental anomalies. Development and functional anatomy of the human urinary organs. Components of the system. Features of the structure and function. The most important developmental anomalies.
5.	11.03	Development and functional anatomy of the male and female genital organs. Components of the system. Features of the structure and function. The most important developmental anomalies
6.	25.03	Cardiovascular system. Components, morphological and functional characteristics of arteries, veins, capillaries. The concept of the microcirculatory bed, collateral blood flow. Anastomoses, their role in hemodynamics.
7.	1.04	Development of the human heart. Structure and topography. Valve apparatus, conductive system. Features of the blood supply and the venous outflow.
8.	15.04	Anatomy of the venous system. Features of the structure of the walls of venous vessels, and hemodynamics.
9.	22.04	The lymphatic system, as part of the vascular bed. The main components of the structure, functions. Anatomy of the thoracic (left) and right lymphatic ducts, their topography and connections with the venous system. The role of domestic scientists in the study of the lymphatic system (G.M. Iosifov, D.A. Zhdanov, etc.).
10.	6.05	Anatomy of human immune organs, clinical significance. Development, structure, classification. Functional anatomy of the human endocrine organs. Development, structure, classification.

Practical classes (3-hours lessons)

108, 109, 111		106, 107		110	
Monday		**Tuesday**		**Thursday**	
2.02	Topic 1	3.02	Topic 1	29.01	Topic 1
9.02	Topic 2	10.02	Topic 2	5.02	Topic 2
16.02	Topic 3	17.02	Topic 3	12.02	Topic 3
2.03	Topic 4	24.02	Topic 4	19.02	Topic 4
16.03	Topic 5	3.03	Topic 5	26.02	Topic 5
23.03	Topic 6	10.03	Topic 6	5.03	Topic 6
30.03	Topic 7	17.03	Topic 7	12.03	Topic 7
6.04	Topic 8	24.03	Topic 8	19.03	Topic 8
13.04	Topic 9	31.03	Topic 9	26.03	Topic 9
20.04	Topic 10	7.04	Topic 10	2.04	Topic 10
27.04	Topic 11	14.04	Topic 11	9.04	Topic 11
4.04	Topic 12	21.04	Topic 12	16.04	Topic 12
11.04	Topic 13	28.04	Topic 13	23.04	Topic 13
18.05	Topic 14	5.05	Topic 14	30.04	Topic 14
25.05	Topic 15	12.05	Topic 15	7.05	Topic 15
1.06	Topic 16	19.05	Topic 16	14.05	Topic 16
8.06	Topic 17	26.05	Topic 17	21.05	Topic 17
	Credit		Credit		Credit

№ п.п.	Lesson topic
1.	**Digestive system.** 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.	**Respiratory system.** 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.	**Urogenital apparatus.** 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.	**Final lesson on the topic: "Splanchnology".**
10.	**Cardiovascular system (CVS).** Heart: structure of the heart chambers and valve apparatus. Conductive system of the heart. Blood supply and innervation. Heart topography. Pericardium..
11.	**Arterial compartment of CVS.** Vessels of systemic circulation. Aorta. Brunches 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.	**Venous compartment of CVS.** 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.	**Final lesson on the topic "Cardiovascular system. Lymphatic and immune systems".** Oral control. Test control. Practical skill.