



INTERNATIONAL SCHOOL OF MEDICINE

SYLLABUS

Program:	General medicine
Qualification of the graduate:	General practitioner / Medical doctor
Year:	2021-2022
Semester:	4,5 semesters
Course duration:	
Instructor/Assistant/Professor	Name: Lector:
Department:	Macro- and microanatomy
Day and Time for consultation:	
Classroom:	
e-mail:	
Course Title:	2,3
Must/Elective:	
Credit/Hours:	24
Course Description:	The purpose is the acquisition by students of knowledge of the layer-by-layer structure of areas of the human body.
Course Objectives:	<ol style="list-style-type: none"> 1. providing students with educational information for mastering knowledge of topographic anatomy in the amount necessary for further study and future professional activity; 2. teaching topographic anatomy to substantiate the diagnosis, pathogenesis of the disease, prevent intraoperative errors and complications caused by the topographic and anatomical features of regions, organs and systems; 3. training in anatomical and physiological, age-sex, individual and dental features of the structure and development of a healthy organism.
Prerequisites:	<p>discipline "topographic anatomy" refers to a cycle of professional disciplines. The basic knowledge required for studying the discipline is formed:</p> <ul style="list-style-type: none"> - in the cycle of humanitarian and socio-economic disciplines, including: philosophy, bioethics, psychology and pedagogy, history of medicine, Latin; - in a cycle of mathematical and natural science disciplines, including: physics, mathematics, normal anatomy, chemistry, biology, histology, embryology and cytology, normal physiology.
Post-requisites:	is a precursor to the study of clinical disciplines of the surgical profile.

<p>Learning Outcomes: (expected knowledge & ability at the end)</p>	<p>A graduate in the specialty 560001 "General Medicine" with the assignment of the qualification of a specialist "General practitioner" in accordance with the State Educational Standard of Higher Professional Education and MEP and the tasks of professional activity, must have the following professional competencies:</p> <p>PC -1 - is able and ready to comply with the rules of medical ethics, laws and regulations on working with confidential information, and maintain medical secrecy.</p> <p>PC - 7 is able and ready to work with medical and technical equipment used in work with patients, to use the capabilities of modern information technologies to solve professional tasks.</p> <p>PC – 15 - is able and ready to analyze the patterns of functioning of individual organs and systems, use knowledge of anatomical and physiological characteristics, the basic methods of clinical and laboratory examination and assessment of the functional state of the body of an adult and children, for the timely diagnosis of diseases and pathological processes.</p>
<p>Basic references:</p>	<ol style="list-style-type: none"> 1. Human Anatomy. B.D. Chaurasia's. Volume one, v. two, v. three. CBS Publishers & Distributors, 2016. 2. Clinical anatomy for medical students. Richard S. Snell. Lippincott. Williams & Wilkins, 2000. 3. Lecture notes. J. White. Kalpan, Inc. 2019. 4. The developing human. Keith L. Moore. Elsevier, Inc. 2019. 5. Carmine D. Clemente. Anatomy, regional atlas of the human body 5th edition. Lippincott. Williams & Wilkins, 2006. 6. Atlas of Human Anatomy. H. Netter ISBN 3-905298-05-8 Basel, 2003. 7. Textbook of human anatomy. M.R. Sapin., L.L. Kolesnikov., D.B. Nikitjuk. In two volumes. New Wave Publishing Agency, Moscow, 2010. 8. Human anatomy. M. G. Prives. Volume I, II. English translation. Mir Publishers, Moscow, 1985. 9. Textbook of anatomy with clinical correlations. I. Singh. Volume 1, 2, 3. Jaypee Brothers Medical Publisher LTD & New Delhi, 2011. 10. The Human Body in Health & Disease. Memmler. Cochen Wood, 1996. 11. Human anatomy, Gosling, Harris, Humpherson, Whitmore. Mosby-Wolfe, 1995. 12. Grant's atlas of anatomy. Agur Dalley. Lippincott. Williams & Wilkins, 2003.
<p>Supplementary Textbook and Materials:</p>	<ol style="list-style-type: none"> 1. Textbook. The systemic anatomy of the bones and joints. Y. Gaivoronskaya., A. Imanalieva., V. Lobzova. Private printing-house, 2018. Textbook. 2. The systemic anatomy of the skull. Y. Gaivoronskaya., A. Imanalieva., V. Lobzova. Private printing-house, 2018.

	<p>3.Textbook. The systemic anatomy of the muscular system. Y. Gaivoronskaya., A. Imanalieva., V. Lobzova. Private printing-house, 2018.</p> <p>4.Textbook. The systemic anatomy of the digestive system. Y. Gaivoronskaya., A. Imanalieva., V. Lobzova. Private printing-house, 2018.</p> <p>5.Textbook. The systemic anatomy of the respiratory and endocrine systems. Y. Gaivoronskaya., A. Imanalieva., V. Lobzova. Private printing-house, 2018.</p> <p>6.Textbook. The systemic anatomy of the urinary and reproductive systems. Y. Gaivoronskaya., A. Imanalieva., V. Lobzova. Private printing-house, 2018.</p> <p>7.Textbook. The systemic anatomy of the central nerve system. Y. Gaivoronskaya., A. Imanalieva., V. Lobzova. Private printing-house, 2019.</p> <p>8.Textbook. The systemic anatomy of the sensory organs. Y. Gaivoronskaya., A. Imanalieva., V. Lobzova. Private printing-house, 2019.</p> <p>9.Textbook. The systemic anatomy of the cardiovascular and lymphatic systems. Y. Gaivoronskaya., A. Imanalieva., V. Lobzova. Private printing-house, 2019.</p> <p>10.Textbook. The systemic anatomy of the peripheral nerve system. Y. Gaivoronskaya., A. Imanalieva., V. Lobzova. Private printing-house, 2019.</p>
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COURSE POLICY AND EVALUATION CRITERIA:

Type of control (current, milestone, final)	Control form	Assessment of learning outcomes
Attendance	For one missed lesson minus 2 points	20 points
Current control	Oral survey, written work	20 points
IWS+IWW	Performing assignments, work with literature	20 points
Milestone control (modul submission)	Testing, control tasks	40 points
Final control (differential test)	Conversation, examination (test.edu.kg)	100 points

Scale of correspondence between grades and scores on the final control (exam)	
Score	Grade
90-100	«excellent»
76-89	«good»
60-75	«satisfactory»
0-59	«unsatisfactory»

Course Plan	Lecture / Practice	Subject
1 class	P	Topographic anatomy of the mediastinum, heart, large vessels of the head and neck, thorax and abdominal cavities and their branches.
2 class	P	Topographic anatomy of the organs of the hematopoietic system.
3 class	P	Topographic anatomy of the thoracic cavity organs and large vessels of the thoracic cavity.
4 class	P	Topographic anatomy of the pelvis, internal genital organs and perineum in women.
5 class	P	Topographic anatomy of the anterior abdominal wall. Topographic anatomy of organs and vessels of the abdominal cavity.
6 class	P	Topographic anatomy of the organs and vessels of the male pelvis. Topographic anatomy of the urinary system.
7 class	P	Topographic anatomy of the upper and lower extremities

Course Plan	Lecture / Practice	Subject
1 class	L	Topographic anatomy of the mediastinum, heart, large vessels of the thorax and abdominal cavities and their branches.
2 class	L	Topographic anatomy of the thorax.
3 class	L	Topographic anatomy of the pelvic and perineal organs in women.
4 class	L	Topographic anatomy of the lumbar region and retroperitoneal space. Topographic anatomy of the small pelvis in men.
5 class	L	Topographic anatomy of the upper and lower extremities