



INTERNATIONAL SCHOOL OF MEDICINE

SYLLABUS

Program:	General medicine
Qualification of the graduate:	General practitioner / Medical doctor
Year:	2023-2024
Semester:	10
Course duration:	18 weeks
Instructor/Assistant/Professor	Name: Amanbekov Akylbek
Department:	Pathology
Day and Time for consultation:	26.10.23y.-27.10.23y.-28.10.23y.
Classroom:	402,110
e-mail:	Akyl88@mail.ru
Course Title:	Sectional course
Must/Elective:	Elective
Credit/Hours:	4
Course Description:	<p>The sectional course is studied by students of the medical faculty of the 10th semester, when they have mastered the basics of normal and pathological anatomy, histology, biochemistry, normal and pathological physiology and have completed the development of clinical disciplines. The sectional course provides an opportunity for students in their further practical activities to control the quality of medical and diagnostic work in order to eliminate errors in diagnosis and treatment through clinical and anatomical comparisons.</p>
Course Objectives:	<p>- The purpose of the course is to study the etiology, pathogenesis, structural foundations of pathological processes, acquired, congenital and hereditary diseases, their complications, outcomes, causes of death for the use of acquired knowledge in clinical departments and the work of a doctor.</p>
Prerequisites/ Post-requisites::	<p>This discipline is included in the variable part of the studied disciplines of the professional cycle of the curriculum and is mandatory for the study of the discipline. The content of the discipline of the "Sectional course" is based on the content of such previous disciplines as "Normal anatomy", "Normal physiology", "Pathological anatomy", "Pathological physiology". Subsequently, the knowledge gained during the study of the discipline of the "Sectional Course" will be necessary when studying the disciplines: "Forensic medicine", "evidence-based medicine".</p>

<p>Learning Outcomes: (expected knowledge & ability at the end)</p>	<p>Student will know the terms used in the sectional course and the basic methods of pathoanatomical research; the concepts of etiology, pathogenesis, morphogenesis, pathomorphosis of the disease, nosology, principles of classification of death; Will understand the essence and basic patterns of general pathological processes; characteristic changes in internal organs at death; He will be able to use the rules of building a pathoanatomical diagnosis, the principles of clinical and anatomical analysis of biopsy and surgical material; use the knowledge gained about structural changes in pathological processes and diseases in the study of subsequent clinical disciplines. It will be able to determine macroscopic changes in organs and tissues during general pathological processes and various diseases (diagnosis of macropreparations); participate in the examination of a corpse during a pathoanatomical autopsy and determine signs of death and postmortem changes; substantiate the nature of the pathological process and its clinical manifestations; diagnose the causes, pathogenesis and morphogenesis of diseases, their manifestations, complications and outcomes, and also pathomorphosis; It will be able to carry out clinical and anatomical analysis; comparison of morphological and clinical manifestations of diseases; macroscopic diagnosis of pathological processes; microscopic (histological) diagnosis of pathological processes; It will be able to analyze the macroscopic morphological characteristics of organs and tissues in order to establish a preliminary pathoanatomical diagnosis; clinical, laboratory, experimental, and other data and formulate on their basis a conclusion about the most likely causes and mechanisms of the development of pathological processes (diseases); It will be able to synthesize the results of clinical and anatomical analysis;</p>
<p>Basic references:</p>	<p>1. Robbins Basic Pathology (Robbins Pathology) 10th edition 2. Robbins. General pathology 10th edition</p>
<p>Supplementary Textbook and Materials:</p>	<p>3. Robbins and Cotran Pathologic basis of disease 10th edition 4. Kumar Cotran Robbins. General pathology 5th edition Websites: 1. nature.com - Pathology 2. feedspot.com 3. webpath.med.utah.edu</p>

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 week	Practice	The pathoanatomical service. Examination of biopsies, surgical material and placenta.
2 week	Lecture / Practice	The autopsy.
3 week	Lecture / Practice	Clinical and pathoanatomical diagnoses
4 week	Lecture / Practice	Clinical and pathoanatomic epicrisis.
5 week	Lecture / Practice	Comparison of clinical and pathoanatomic diagnoses.

6 week	Lecture / Practice	Death certificate.
7 week	Lecture / Practice	Clinical and pathoanatomical conference.
8 week	Lecture / Practice	Classification of iatrogenic pathology.
<i>Modul 1 (26/10/23- 28/10/23)</i>		
9 week	Lecture / Practice	Examination of biopsies, surgical material and placenta.