



INTERNATIONAL SCHOOL OF MEDICINE

SYLLABUS

Program:	General medicine
Qualification of the graduate:	General practitioner / Medical doctor
Year:	2021-2022
Semester:	4
Course duration:	18 weeks
Instructor/Assistant/Professor	Name: Amanbekov Ilias
Department:	Pathology
Day and Time for consultation:	
Classroom:	308,310
e-mail:	llsgroup.0227@gmail.com
Course Title:	pathological physiology
Must/Elective:	Must
Credit/Hours:	3 credits
Course Description:	a branch of medicine and biology that studies the patterns of occurrence, development and outcome of pathological processes; features and nature of dynamic changes in physiological functions in various pathological conditions of the body.
Course Objectives:	The purpose of the discipline is to study the etiology, pathogenesis, functional foundations of pathological processes, acquired, congenital and hereditary diseases, their complications, outcomes, causes of death in order to use the acquired knowledge in practice in clinical departments and the work of a doctor.
Prerequisites:	molecular biology and medical genetics, biochemistry, anatomy, physiology, histology, microbiology, pharmacology
Post-requisites:	propaedeutics of internal diseases, childhood diseases, infectious diseases, cardiology and other clinical disciplines.
Learning Outcomes: (expected knowledge & ability at the end)	freely operate with modern data relating to issues of etiology, pathogenesis, manifestations and mechanisms of the development of the disease, syndromes and typical pathological processes, their clinical significance, modern possibilities for prevention, diagnosis and treatment; apply the acquired knowledge to solve most standard clinical situations
Basic references:	Kumar, Cotran, Robbins. General pathology Robbins Basic pathology.
Supplementary Textbook and Materials:	Pathology Practical Book, Harsh Mohan. Pathoma – Hussain Sattar

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 (weeks)	Practice	Subject
1	Practice	Hypertonic disease. secondary hypertension. Cerebrovascular diseases.
2	Practice	Atherosclerosis. coronary heart disease.
3	Practice	Rheumatism. Connective tissue diseases.
4	Practice	Heart defects
5	Practice	Respiratory diseases. Acute pneumonia.
6	Practice	Bronchial asthma. Chronic obstructive pulmonary disease.
7	Practice	Diseases of the gastrointestinal tract. Gastritis.
8	Practice	Ulcer disease. Appendicitis
9	Practice	Diseases of the liver. Hepatitis. Hepatosis. Cirrhosis of the liver
Modul 1 (Date)		
10	Practice	Diseases of the kidneys. Glomerulonephritis. nephrotic syndrome. Pyelonephritis. Acute renal failure. Chronic renal failure
11	Practice	Endocrine diseases
12	Practice	Gynecological diseases
13	Practice	Lungs' cancer
14	Practice	infectious diseases. Classification. Tuberculosis.
15	Practice	Intestinal infections.

16	Practice	Acute respiratory infections. Covid.
17	Practice	Particularly dangerous infections. tropical infections.
<i>Modul 2 (Date)</i>		
18	Practice	Sepsis. Children's bacterial infections

Lectures

Course Plan (weeks)	Subject
1	Hypertonic disease. secondary hypertension. Cerebrovascular diseases. Atherosclerosis. coronary heart disease
2	Rheumatism. Connective tissue diseases. Heart defects
3	Respiratory diseases. Acute pneumonia. Bronchial asthma. Chronic obstructive pulmonary disease
4	Diseases of the gastrointestinal tract. Gastritis. Ulcer disease. Appendicitis
5	Diseases of the kidneys. Glomerulonephritis. nephrotic syndrome. Pyelonephritis. Acute renal failure. Chronic renal failure
6	Endocrine diseases. Gynecological diseases
7	Lungs' cancer infectious diseases. Classification. Tuberculosis.
8	Intestinal infections. Acute respiratory infections. Covid.
9	Particularly dangerous infections. tropical infections Sepsis. Children's bacterial infections