


AMENDMENTS AND CHANGES TO THE CURRICULUM IN THE EDUCATIONAL DISCIPLINE «INTERNAL DISEASES»

for the specialty 1-79 01 01 «General medicine»
2021/2022 academic year

Amendments and changes	Basis/Reason
1. Changes have been introduced into the educational discipline curricular chart (Appendix 1)	Educational Plan for 2021/2022 academic year
2. The following sections have been added to the information and methodological part: MAIN FORMS OF SUPERVISED STUDENT INDEPENDENT WORK: – computer testing; Control of supervised student independent work is carried out in the forms of: – individual interview;	Educational Plan for 2021/2022 academic year

The curriculum is revised and approved at the department meeting
1st Department of Internal Diseases (protocol № 13, of 21 June 2021)

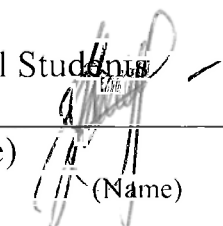
Head of the 1st Department of Internal Diseases
associate-Professor, Ph. D.
(scientific degree, scientific title)

(signature) 

S.E. Aliakseichyk
(Name)

APPROVED

Dean of the The Medical Faculty for International Students
associate-Professor, Ph. D.
(scientific degree, scientific title)
(scientific degree, scientific title)

(signature) 
(signature) (Name)

O.S. Ishutin
(Name)

EDUCATIONAL DISCIPLINE CURRICULAR CHART

Section, topic #	Section (topic) name	number of hours			Self-studies	Equipment	Form of control
		lectures	practical (<i>laboratory or seminars</i>)	supervised self-study			
Semester 7							
1.	Purposes and objectives of the discipline "Internal diseases". Organization of therapeutic assistance in the Reublic of Belarus (Main therapeutic schools in the Republic of Belarus, subject and purposes of the discipline).	-					interviews, tests, electronic tests, exercises, control works.
2.1.	Acute and chronic bronchitis. Chronic obstructive pulmonary disease (Definition, etiology, pathogenesis, classification, clinical variants. purposes and stages of treatment, complications. exacerbation prophylaxis).	2	5	1	4	FVD set, Radiographs multimedia projector sets of analyses	interviews, tests, electronic tests, exercises, control works. Sss: individual interview
2.2	Pneumonia (Definition, etiology and pathogenesis, classification- clinical manifestations, diagnosis- course. principles of antibiotic treatment. criteria for recovery, prognosis, outcomes).	2	5	0.5	4	FVD set, Radiographs multimedia projector, sets of analyses	interviews, tests, electronic tests, exercises, control works. Sss: individual interview
2.3.	Asthma (Etiology, causes, mechanisms of attack development, classification, diagnosis, therapy, prevention).	2	5	0,5	4	FVD set, multimedia projector, sets of analyses	interviews, tests, electronic tests, exercises, control works. Sss: individual

2.4.	Pleural effusion. Suppurative lung diseases. Bronchiectasis (Definition, etiology, pathogenesis, classification, obstruction mechanisms. differential diagnosis, principles of treatment and prevention).	-	5		4	FVD set, Radiographs multimedia projector	interview interviews, tests, electronic tests, exercises, control works.
2.5.	Pulmonary embolism. Pulmonary hypertension, pulmonary heart disease (Causes and mechanisms of development, classification, clinical manifestations, diagnosis, principles of treatment, prognosis, prevention)	-	6		3	Electrocardiogram Radiographs sets of analyses	interviews, tests, electronic tests, exercises, control works.
3.1.	Hypertension. Symptomatic hypertension (Etiology, pathogenesis, classification, diagnosis and differential diagnosis, treatment tactics, diagnosis and acute care in hypertensive crisis, prognosis, prevention)-	2	6	0,5	3	Electrocardiogram, sets of analyses	interviews, tests, electronic tests, exercises, control works. Sss: individual interview
3.2.	Atherosclerosis. Coronary heart disease. Angina pectoris (Etiology, pathogenesis, clinical forms of CHI), silent myocardial ischemia, ischemic cardiomyopathy, methods for diagnosis of angina pectoris, clinical forms, principles of treatment, indications and methods of surgical treatment of CHD).	2	6	0,5	4	Electrocardiogram sets of analyses	interviews, tests, electronic tests, exercises, control works. Sss: individual interview
3.3	Acute coronary syndrome. Myocardial infarction (Stepby-step provision of medical care, main complications in acute and subacute periods, physical and psychological rehabilitation, prophylaxis).	2	10	0,5	4	Electrocardiogram, sets of analyses	interviews, tests, electronic tests, exercises, control works. Credit. Sss: individual interview
Semester 8							
4.1	Gastroesophageal reflux disease (Definition, main risk factors, pathogenesis, classification, clinical picture, nonesophageal manifestations of GERD, instrumental diagnosis, risk factors for GERD complications).	-	5		8	Radiographs	interviews, tests, electronic tests, exercises, control works.
4.2	Functional gastric dyspepsia Chronic gastritis. Gastroduodenal ulcers (Definition, causes, pathogenesis, classification, diagnosis, significance of endoscopic	2	5	0,5	8	Radiographs, sets of analyses	interviews, tests, electronic tests, exercises, control

	investigation, complications, treatment).						works. Sss: individual interview
4.3	Enteropathy. Diseases of the large intestine. Irritable bowel syndrome (Definition, etiology, pathogenesis, classification, clinical manifestations, diagnosis, treatment. Gluten enteropathy Ulcerative colitis, Crohn's disease: etiology and pathogenesis, classification, clinical manifestations, extraintestinal manifestations, interviews, diagnostics, treatment).	2	5	0,5	8	sets of analyses	interviews, tests, electronic tests, exercises, control works. Sss: individual interview
4.4.	Functional biliary disorders. Chronic pancreatitis (Etiology, pathogenesis, significance of infection, motor dysfunction, clinical picture, diagnosis, laboratory and instrumental diagnostics, treatment, indications for surgical treatment.	-	5		8	Radiographs, sets of analyses	interviews, tests, electronic tests, exercises, control works.
4.5.	Chronic hepatitis. Metabolic liver diseases. Functional hyperbilirubinemia (Etiology, pathogenesis. classification depending on etiology and morphology, clinical manifestations, syndromes, diagnostics. treatment, complications).	2	6	0,5	8	sets of analyses	interviews, tests, electronic tests, exercises, control works. Sss: individual interview
4.6.	Cirrhosis of the liver. Hereditary liver diseases (Etiology, pathogenesis. classification according to etiology and morphology, clinical manifestations, syndromes, diagnosis, treatment, acute liver failure, complications).	2	6	0.5	8	sets of analyses	interviews, tests, electronic tests, exercises, control works. Sss: individual interview
6.1.	Acute and chronic glomerulonephritis (Etiology, pathogenesis, nephritic, nephritic, urinary syndromes, diagnostic methods, renal biopsy, principles of treatment).	2	5	0,5		sets of analyses	interviews, tests, electronic tests, exercises, control works. Sss: individual interview
6.2	Urinary tract infection. Tubulointerstitial renal diseases (Etiology, pathogenesis, classification, clinical manifestations, renal function monitoring, diagnostic methods, treatment).	2	5	0,5	8	sets of analyses	interviews, tests, electronic tests, exercises, control works.

							Sss: individual interview
6.3.	Nephrotic syndrome. Renal amyloidosis. Chronic kidney disease and chronic renal failure (Pathogenesis, classification, clinical manifestations. diagnostic methods, complications, treatment- The main diseases that lead to the development of CKD Monitoring of renal function. Clinical manifestations, diagnostic methods- conservative treatment of CKD. Kidney transplantation).	2	6	1	8	sets of analyses	interviews, tests, electronic tests, exercises, control works. Exam Sss: individual interview
	Semester 9						
3.4.	Myocarditis. Cardiomyopathias. Pericarditis. (Etiology, pathogenesis, classification. clinical manifestations. instrumental and laboratory diagnostics, principles of treatment, cardiac tamponade- indications for pericardiocentesis).	-	5		5	Electrocardiogram Radiographs, sets of analyses	interviews, tests, electronic tests, exercises, control works.
3.5.							
3.6.	Infective endocarditis (Etiology, pathogenesis, classification, laboratory and instrumental diagnostics. diagnostic criteria, differential diagnostics, medical treatment, criteria of cure, indications for surgical treatment, prevention).	2	5	0.5	4	Electrocardiogram, sets of analyses	interviews, tests, electronic tests, exercises, control works. Sss: individual interview
3.7.	Arrhythmias and heart blocks (Electrophysiological mechanisms of arrhythmias classification, clinical manifestations, diagnostics, principles of drug treatment, cardioversion, pacemakers).	2	10	1	4	Electrocardiogram	interviews, tests, electronic tests, exercises, control works. Sss: individual interview
3.8.	Circulatory insufficiency (syncope, collapse, acute and chronic heart failure) (Vasogenic shock, acute heart failure, emergency medical care, chronic heart failure, classification, diagnosis, treatment. resynchronization devices).	2	5	0,5	4	Electrocardiogram	interviews, tests, electronic tests, exercises. control works. Sss: individual interview
5.3.	Diseases of the joints. Rheumatoid arthritis (Epidemiology, pathogenesis, clinical manifestations, diagnostic criteria, laboratory and instrumental diagnostic, classification, treatment,	1	5	0,5	4	Radiographs, sets of analyses	interviews, tests, electronic tests, exercises, control

	course, outcomes).						works. Sss: individual interview
5.4.	Osteoarthritis. Gout (Epidemiology, pathogenesis, clinical manifestations, laboratory and instrumental diagnostics, treatment, prophylaxis).	1	5	0,5	4	Radiographs, sets of analyses	interviews, tests, electronic tests, exercises, control works. Sss: individual interview
5.5.	Systemic lupus erythematosus. Systemic sclerosis. Dermatomyositis/polymyositis (epidemiology, etiology and pathogenesis, classification, clinical manifestations, laboratory and instrumental diagnostics, diagnostic criteria, course, treatment principles, outcomes, complications, prognosis).	2	5	1	4	Radiographs, sets of analyses	Interviews, tests, electronic tests, exercises, control works. Credit. Sss: individual interview
Semester 10							
7.1.	Anemias (Types of anemias, classification, iron deficiency anemia, B ₁₂ deficiency and folic acid deficiency anemia, hemolytic anemia, aplastic anemia)	2	5	1	8	sets of analyses	interviews, tests, electronic tests, exercises, control works. Sss: individual interview
7.2.	Hemorrhagic diathesis (Definition, classification, types of bleeding, diagnostic methods, diagnosis, electronic).	-	5		10	sets of analyses	interviews, tests, electronic tests, exercises, control works.
7.3.	Hemoblastosis. Acute leukemias. Agranulocytosis (Classification, main clinical syndromes, laboratory and morphological diagnostics, immunological phenotyping of leukemia cells, principles of treatment, prognosis).	2	5	1	8	sets of analyses	interviews, tests, electronic tests, exercises, control works. Sss: individual interview
7.4.	Chronic leukemia (Classification, main clinical syndromes, laboratory and morphological diagnostics, immunological phenotyping of leukemia cells, principles of treatment prognosis).	2	5	0,5	8	sets of analyses	interviews, tests, electronic tests, exercises, control works.

							Sss: individual interview
7.5.	Polycythemia. Multiple myeloma (Pathogenesis, stages of disease, main clinical syndromes, differential diagnostics with symptomatic erythrocytosis, principles of treatment).	-	5		9	sets of analyses	interviews, tests, electronic tests, exercises, control works.
5.1.	Acute rheumatic fever. Chronic rheumatic heart disease (Definition, epidemiology, etiology, pathogenesis, classification, clinical manifestations, diagnosis, diagnostic criteria, differential diagnosis, treatment, outcomes, primary and secondary prophylaxis).	2	5	1	8	Electrocardiogram, sets of analyses	interviews, tests, electronic tests, exercises, control works. Sss: individual interview
5.2.	Acquired heart valvular defects. Mitral valve prolapsed (Causes, pathogenesis of hemodynamics in acquired heart defects, clinical manifestations, diagnostics, course, complications, prognosis).	-	5		9	Radiographs	interviews, tests, electronic tests, exercises, control works. Exam