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Approved by  
Deputy Rector for Academic Affairs

\_\_\_\_\_ E.V. Konovalova

June 15, 2023, Record No. 5.

## Internal Diseases Propaedeutics

### Syllabus

Department **Internal diseases**

Curriculum s310501-ЛечДело-Ин-23-3.pli.xml  
Specialty 31.05.01 General

Qualification **General Practitioner**

Form of education **Full-time**

Total (in credits) **10**

Total academic hours 360  
including:  
Classes 240  
Self-study 93  
Control hours 27

Control:  
Credit/Mark 3<sup>rd</sup>, 4<sup>th</sup>, 5<sup>th</sup> terms  
Exam 6<sup>th</sup> term

#### Course outline in terms

Academic year (Term)	3 (2.1)		4 (2.2)		5 (3.1)		6 (3.2)		Total	
	Cur	Syl	Cur	Syl	Cur	Syl	Cur	Syl		
Weeks	17 2/6		18 3/6		18 2/6		16 4/6			
Types of classes	Cur	Syl	Cur	Syl	Cur	Syl	Cur	Syl	Cur	Syl
Lectures	12	12	12	12	12	12	12	12	48	48
Practical	48	48	48	48	48	48	48	48	192	192
Contact	60	60	60	60	60	60	60	60	240	240
Self-study	12	12	12	12	48	48	21	21	93	93
Control hours							27	27	27	27
Total	72	72	72	72	108	108	108	108	360	360

The Syllabus is compiled by:

*PhD in Medical Sciences, Associate Professor, Rybalka O.O.* \_\_\_\_\_

The Syllabus

**Internal Diseases Propaedeutics**

Developed in accordance with Federal State Educational Standard:

Federal State Educational Standard of higher education in the specialty 31.05.01 General medicine (Order of the Ministry of Education and Science of the Russian Federation on August 12, 2020 No. 988)

Based on the Curriculum:

31.05.01 GENERAL MEDICINE

Specialization: General Medicine

Approved by the Academic Council of Surgut State University, “ June 15, 2023, Record No. 5

The Syllabus was approved by the department

**Internal diseases**

Head of Department, Doctor of Medicine, Professor Ariamkina O.L.

Chairman of Academic and Scientific Council, PhD in Medical Sciences (Medicine), Senior Lecturer Lopatskaya Zh.N.

## 1. COURSE OBJECTIVES

The **aim** of the course of Internal Diseases Propaedeutics is to study clinical research methods: survey, examination, palpation, percussion, auscultation of the patient; to study additional research methods (laboratory and instrumental), with subsequent interpretation of the obtained data; to master the skills of analyzing and synthesizing patient complaints, their anamnesis data, examination results, laboratory, instrumental, pathoanatomic and other studies in order to recognize the condition or establish the presence or absence of the disease and determine the patient's main pathological conditions, symptoms, disease syndromes, nosological forms in accordance with the International Statistical Classification of Diseases and Health-related Problems, XI revision.

## 2. COURSE OVERVIEW

Course Code (in curriculum) **Б1.О.04**

### 2.1 Assumed background:

2.1.1 Introduction to Speciality. Ethics and Deontology (Bioethics)

2.1.2 Professional Image

### 2.2 Post-requisite courses and practice:

2.1.1 Pathologic Syndromes in Clinical Medicine

2.1.2 Faculty Therapy

2.1.3 Infectious Diseases

2.1.4 Outpatient Therapy

2.1.5 Obstetrics

2.1.6 Phthisiatry

2.1.7 Professional Practice, Physician Assistant

2.1.8 Hospital Therapy (5<sup>th</sup> year of education)

2.1.9 Hospital Therapy (6<sup>th</sup> year of education)

## 3. COMPETENCES UPON COMPLETION OF THE COURSE (MODULE)

**PC-1.1: Demonstrates knowledge in etiology, pathogenesis, diagnostic criteria (clinical - subjective, physical, laboratory, instrumental, identifies the patient's common pathological conditions, symptoms, disease syndromes and diagnoses nosological forms according to the International Statistical Classification of Diseases and Related Health Problems, X - XI revisions**

**PC-1.2: Carries out diagnostics, evaluates the prognosis (short-, medium- and long-term course) of the disease, identifies acute complications and complications of chronic diseases**

**PC-2.1: Assesses the condition of a patient requiring emergency or urgent medical care, E950, including a state of clinical death**

**PC-3.1: Examines the patient (handle the patient's complaints, anamnesis, physical data based on the examination results, determines the necessary examination plan, evaluates the parameters of laboratory, instrumental, pathological and anatomical and other methods in order to diagnose diseases, assesses the prognosis (short-, medium-, long-term) of its course and outcomes**

**PC-3.2: Makes an initial and clinical diagnosis in accordance with the International Statistical Classification of Diseases and Health Problems X - XI revisions and current clinical classifications**

**PC-8.2: Keeps medical records, including the electronic format**

**By the end of the course students must:**

### 3.1 Know:

3.1.1 aetiology, pathogenesis, diagnostic criteria (clinical – subjective, physical, laboratory, instrumental);

3.1.2 methods for determining the patient's main pathological conditions, symptoms, disease syndromes ;

3.1.3 principles of diagnostics of the main nosological forms;

3.1.4 how to work in accordance with the International Statistical Classification of Diseases and Related Health Problems, X-XI revisions;

3.1.5 rules of examination of the patient (collection and analysis of patient complaints, data of his anamnesis, physical data) according to the results of the examination, appointment of the examination plan, parameters of laboratory, instrumental, pathologic-anatomical and other research methods for the diagnostics of diseases, prognosis (short -, medium -, long-term) of its course and outcomes;

3.1.6 principles of early and differential diagnostics of diseases;

3.1.7 rules for routing and managing patients on the basis of current legislation (standards, procedures for providing medical care, clinical recommendations);

### 3.2 Be able to:

3.2.1 determine the patient's main pathological conditions, symptoms, syndromes of diseases;

3.2.2 perform differential diagnostics, evaluate the prognosis (short -, medium - and long-term) of the course of the disease, identify acute complications and complications of chronic diseases;

3.2.3 assess the condition of a patient requiring medical care in urgent or emergency forms, to diagnose a condition that poses a threat to the patient's life, including a state of clinical death;

3.2.4	conduct an examination of the patient (collection and analysis of patient complaints, his anamnesis data, physical data), based on the results of the examination, determine the necessary examination plan, evaluate the parameters of laboratory, instrumental, pathologic-anatomical and other research methods for the diagnosis of diseases, assess the prognosis (short -, medium -, long-term) of its course and outcomes;
3.2.5	formulate a preliminary and clinical diagnosis in accordance with the International Statistical Classification of Diseases and Related Health Problems X-XI revisions and current clinical classifications;
3.2.6	carry out early and differential diagnosis of diseases;
3.2.7.	provide treatment to various categories of patients with diseases in outpatient settings, in hospitals and centres of high-tech medical care (VMP) with the use of medicines, medical devices and therapeutic nutrition, taking into account the clinical picture, in accordance with current procedures, standards of medical care, clinical recommendations (treatment protocols);
3.2.8	maintain medical records, including in electronic form;
<b>3.3</b>	<b>Have skills of:</b>
3.3.1	knowledge about the aetiology, pathogenesis, diagnostic criteria (clinical – subjective, physical, laboratory, instrumental), about the main pathological conditions, symptoms, syndromes of diseases and diagnosis of nosological forms
3.3.2	Working in accordance with the International Statistical Classification of Diseases and Related Health Problems, X-XI revisions;
3.3.3	the principles of differential diagnosis, assessment of the prognosis (short-, medium - and long-term) of the course of the disease, detection of acute complications and complications of chronic diseases;
3.3.4	examination of the patient (collects and analyses the patient's complaints, his anamnesis, physical data), according to the results of the examination, determining the necessary examination plan, evaluating the parameters of laboratory, instrumental, pathologic-anatomical and other research methods for the diagnosis of diseases, evaluating the prognoses (short -, medium -, long-term) of its course and outcomes;
3.3.5	the formulation of a preliminary and clinical diagnosis in accordance with the International Statistical Classification of Diseases and Related Health Problems X-XI revisions and current clinical classifications;
3.3.6	knowledge of early and differential diagnosis of diseases;
3.3.7	knowledge on determining the routing and management of patients on the basis of current legislation (standards, procedures for providing medical care, Clinical recommendations), on the basic principles of treating various categories of patients with diseases in outpatient settings, in hospitals and high-tech medical care centres (VMP);
3.3.8	maintaining medical records, including in electronic form;
3.3.9	determining the purpose of organizing a plan, a report on the work of medical personnel, conducting internal quality control and safety of medical activities within the scope of official duties, monitoring the performance of duties by secondary and junior medical personnel and other medical workers of their official duties, presenting the results of the analysis;

#### 4. STRUCTURE AND CONTENTS OF THE COURSE (MODULE)

Class Code	Topic /Class type	Term/Academic	Academic hours	Competences	Literature	Interactive	Notes
	<b>Section 1. Clinical methods of examination of patients. Methods of research in diseases of the respiratory system and cardiovascular system.</b>	year					
1.1	The subject and tasks of Internal Diseases Propaedeutics. Methodology of diagnostics. The scheme of the medical history. Survey of patients with respiratory diseases. The main complaints in the pathology of the respiratory organs, their diagnostic significance. /Lec/	3	2	PC-1.1 PC-3.1 PC- 8.2	L1.1L1.2 L1.3	0	
1.2	Clinical methods of examination. The scheme of the medical history. General examination. Examination rules. The importance of an examination in the clinic of internal diseases. Survey of patients with respiratory diseases. Characteristics of shortness of breath, cough, chest pains. /Pr/	3	3	PC-1.1 PC-3.1 PC- 8.2	L1.1L1.2 L1.3 ∅1	0	

1.3	Examination and palpation of the chest. Percussion of the lungs. The history of the development of percussion as a research method. Physical bases of the method of comparative and topographic percussion of the lungs. General rules and techniques of percussion. /Lec/	3	2	PC-1.1 PC-3.1	L1.1L1.2 L1.3	0	
1.4	Examination of the chest. Pathological forms of the chest. Palpation of the chest. Surface orientation palpation, elasticity check, determination of vocal tremor. /Pr/	3	3	PC-1.1 PC-3.1 PC- 2.1	L1.1L1.2 L1.3	0	
1.5	The scheme of the medical history. General examination. Survey of patients with respiratory diseases. The main complaints in the pathology of the respiratory organs, their diagnostic significance. /Self-study/	3	2	PC- 3.1 PC-8.2	L1.1L1.2 L1.3	0	
1.6	Topographic percussion of the lungs. General rules and techniques of percussion. /Pr/	3	3	PC-1.1 PC-3.1	L1.1L1.2 L1.3	0	
1.7	Topographic percussion of the lungs. General rules and techniques of percussion. /Self-study/	3	2	PC-1.1 PC-3.1	L1.1L1.2 L1.3 ∅1	0	
1.8	Auscultation of the lungs. Main and additional respiratory noises, mechanisms of their formation. /Lec/	3	2	PC-1.1 PC-3.1	L1.1L1.2 L1.3	0	
1.9	Auscultation of the lungs. Main and additional respiratory noises, mechanisms of their formation. /Pr/	3	6	PC-1.1 PC-3.1	L1.1L1.2 L1.3	0	
1.10	Auscultation of the lungs. Main and additional respiratory noises, mechanisms of their formation. /Self-study/	3	2	PC-1.1 PC-3.1	L1.1L1.2 L1.3	0	
1.11	Laboratory and instrumental methods of respiratory examination. /Pr/	3	3	PC-1.1 PC-3.1	L1.1L1.2 L1.3	0	
1.12	Clinical syndromes of respiratory diseases. /Lec/	3	2	PC-1.1 PC-3.1	L1.1L1.2 L1.3	0	
1.13	Clinical syndromes of respiratory diseases. /Practical classes/	3	3	PC-1.1 PC-3.1	L1.1L1.2 L1.3 ∅1	0	
1.14	Survey, examination of patients with pathology of CVS. Palpation, percussion of the heart. /Lec/	3	2	PC-1.1 PC-3.1	L1.1L1.2 L1.3	0	
1.15	Survey, examination of patients with the pathology of the CCC. Complaints of patients with diseases of the cardiovascular system: pain in the heart, shortness of breath, suffocation, palpitations, heart failure, etc. /Pr/	3	3	PC-1.1 PC-3.1	L1.1L1.2 L1.3		
1.16	Survey, examination of patients with pathology of CVS. Palpation of the heart. /Pr/	3	3	PC-1.1 PC-3.1	L1.1L1.2 L1.3	0	
1.17	Rules, diagnostic value of percussion in determining the boundaries of relative and absolute dullness of the heart. The diameter of the heart. /Pr/	3	3	PC-1.1 PC-3.1	L1.1L1.2 L1.3	0	
1.18	Auscultation of the heart and blood vessels. The noise, the mechanisms of their formation. /Lec/	3	2	PC-1.1 PC-3.1	L1.1L1.2 L1.3	0	
1.19	Auscultation of the heart and blood vessels. The noise, the mechanisms of their formation. /Pr/	3	6	PC-1.1 PC-3.1	L1.1L1.2 L1.3	0	
1.20	Rules, diagnostic value of palpation and percussion of the heart area. /Self-study/	3	2	PC-1.1 PC-3.1	L1.1L1.2 L1.3	0	

1.21	Additional methods of diagnostics of CVD. Functional load tests. ECG - research methodology. The plan of decoding of ECG. /Lec/	3	2	PC-1.1 PC-3.1	L1.1L1.2 L1.3	0	
1.22	Additional methods of diagnostics of CVD. Functional load tests. ECG - research methodology. The plan of decoding of ECG. /Self-study/	3	2	PC-1.1 PC-3.1	L1.1L1.2 L1.3	0	
1.23	Clinical syndromes of cardiovascular diseases. /Pr/	3	3	PC-1.1 PC-3.1	L1.1L1.2 L1.3	0	
1.24	Clinical syndromes of cardiovascular diseases. /Self-study/	3	2	PC-1.1 PC-3.1	L1.1L1.2 L1.3	0	
1.25	/Credit/	3	3	PC-1.1 PC-3.1	L1.1L1.2 L1.3	0	Test
<b>Section 2. Clinical methods of examination of patients. Methods of research in diseases of the gastrointestinal tract, urinary organs, endocrine system and hematopoietic</b>							
2.1	Survey, examination of patients with diseases of the digestive system. Abdominal percussion. Abdominal palpation. /Lec/	4	2	PC-1.1 PC-3.1	L1.1L1.2 L1.3	0	
2.2	Survey, examination of patients with diseases of the digestive system. /Pr/	4	3	PC-1.1 PC-3.1	L1.1L1.2 L1.3	0	
2.3	Abdominal percussion. Abdominal palpation. /Pr/	4	3	PC-1.1 PC-3.1	L1.1L1.2 L1.3	0	
2.4	Survey, examination of patients with diseases of the digestive system. Abdominal percussion. Abdominal palpation. /Self-study/	4	4	PC-1.1 PC-3.1	L1.1L1.2 L1.3	0	
2.5	Deep methodical sliding palpation of the abdomen according to the Obraztsov-Strazhesco-Vasilenko method. Rules and sequence of the event. /Pr/	4	6	PC-1.1 PC-3.1	L1.1L1.2 L1.3	0	
2.6	Deep methodical sliding palpation of the abdomen according to the Obraztsov-Strazhesco-Vasilenko method. Rules and sequence of the event. /Self-study/	4	2	PC-1.1 PC-3.1	L1.1L1.2 L1.3	0	
2.7	Survey and examination of patients with diseases of the liver and biliary tract. /Lec/	4	2	PC-1.1 PC-3.1	L1.1L1.2 L1.3	0	
2.8	Survey and examination of patients with diseases of the liver and biliary tract. /Pr/	4	3	PC-1.1 PC-3.1	L1.1L1.2 L1.3	0	
2.9	Liver and spleen percussion and palpation technique. /Pr/	4	3	PC-1.1 PC-3.1	L1.1L1.2 L1.3	0	
2.10	Liver and spleen percussion and palpation technique/Self-study/	4	2	PC-1.1 PC-3.1	L1.1L1.2 L1.3	0	
2.11	Laboratory methods of diagnostics of the alimentary system. Instrumental methods of examination of the gastrointestinal tract. /Lec/	4	2	PC-1.1 PC-3.1	L1.1L1.2 L1.3	0	
2.12	Laboratory methods of diagnostics of the alimentary system. Instrumental methods of examination of the gastrointestinal tract. /Pr/	4	3	PC-1.1 PC-3.1	L1.1L1.2 L1.3	0	
2.13	The main syndromes of diseases of the gastrointestinal tract. /Lec/	4	2	PC-1.1 PC-3.1	L1.1L1.2 L1.3	0	
2.14	The main syndromes of diseases of the gastrointestinal tract. /Pr/	4	3	PC-1.1 PC-3.1	L1.1L1.2 L1.3	0	

2.15	The main syndromes of diseases of the gastrointestinal tract. /Pr/	4	3	PC-1.1 PC-3.1	L1.1L1.2 L1.3	0	
2.16	Survey, examination of patients with diseases of the genitourinary tract. Syndromes of renal disease /Lec/	4	2	PC-1.1 PC-3.1	L1.1L1.2 L1.3	0	
2.17	Survey, examination of patients with diseases of the genitourinary tract. Additional methods of examination of the genitourinary organs. /Pr/	4	3	PC-1.1 PC-3.1	L1.1L1.2 L1.3	0	
2.18	Additional methods of examination of the genitourinary organs. /Lec/	4	2	PC-1.1 PC-3.1	L1.1L1.2 L1.3	0	
2.19	Additional methods of examination of the genitourinary organs. /Pr/	4	3	PC-1.1 PC-3.1	L1.1L1.2 L1.3	0	
2.20	Syndromes of renal disease. /Pr/	4	3	PC-1.1 PC-3.1	L1.1L1.2 L1.3	0	
2.21	Examination of patients with diseases of the genitourinary tract. Syndromes of renal disease. /Self-study/	4	2	PC-1.1 PC-3.1	L1.1L1.2 L1.3	0	
2.22	Examination of patients with diseases of blood. /Pr/	4	3	PC-1.1 PC-3.1	L1.1L1.2 L1.3	0	
2.23	Examination of patients with diseases of blood. /Self-study/	4	2	PC-1.1 PC-3.1	L1.1L1.2 L1.3	0	
2.24	Examination of patients with diseases of the endocrine organs. Patient complaints. /Pr/	4	3	PC-1.1 PC-3.1	L1.1L1.2 L1.3	0	
2.25	Examination of patients with diseases of the endocrine organs. Patient complaints. /Self-study/	4	2	PC-1.1 PC-3.1	L1.1L1.2 L1.3	0	
2.26	Laboratory and instrumental diagnostics for diseases of the endocrine organs, diseases of the blood system./Pr/	4	3	PC-1.1 PC-3.1	L1.1L1.2 L1.3	0	
2.27	/Credit/	4	3	PC-1.1 PC-3.1	L1.1L1.2 L1.3	0	Test
	<b>Section 3. Respiratory, cardiovascular diseases</b>						
3.1	Acute and chronic bronchitis. Chronic obstructive pulmonary disease. /Lec/	5	2	PC-1.1 PC-3.1	L1.1L1.2 L1.3	0	
3.2	Acute and chronic bronchitis. /Pr/	5	3	PC-1.1 PC-3.1 PC-3.2	L1.1L1.2 L1.3	0	
3.3	Chronic obstructive pulmonary disease. /Pr/	5	3	PC-1.1 PC-3.1 PC-3.2	L1.1L1.2 L1.3	0	
3.4	Acute and chronic bronchitis. Chronic obstructive pulmonary disease. /Self-study/	5	4	PC-1.1 PC-3.1 PC-3.2	L1.1L1.2 L1.3	0	
3.5	Pneumonias. Bronchial asthma. /Lec/	5	2	PC-1.1 PC-3.1 PC-3.2	L1.1L1.2 L1.3	0	
3.6	Bronchial asthma. Emphysema. /Pr/	5	4	PC-1.1 PC-3.1 PC-3.2	L1.1L1.2 L1.3	0	
3.7	Pneumonia. Aetiology, clinical picture. Respiratory failure syndrome. /Pr/	5	3	PC-1.1 PC-3.1 PC-3.2	L1.1L1.2 L1.3	0	
3.8	Abscess. Pleurisy (dry and exudative). Aetiology, clinical picture. /Pr/	5	3	PC-1.1 PC-3.1 PC-3.2	L1.1L1.2 L1.3	0	
3.9	Bronchial asthma. Emphysema. /Self-study/	5	4	PC-1.1 PC-3.1 PC-3.2	L1.1L1.2 L1.3	0	

3.10	Pneumonia. Aetiology, clinical picture. Respiratory failure syndrome. /Self-study/	5	4	PC-1.1 PC-3.1 PC-3.2	L1.1L1.2 L1.3	0	
3.11	Hypertensive disease. /Lec/	5	2	PC-1.1 PC-3.1 PC-3.2	L1.1L1.2 L1.3	0	
3.12	Hypertensive disease. /Pr/	5	3	PC-1.1 PC-3.1 PC-3.2	L1.1L1.2 L1.3	0	
3.13	Hypertensive disease. /Self-study/	5	4	PC-1.1 PC-3.1 PC-3.2	L1.1L1.2 L1.3	0	
3.14	Coronary heart disease. Aetiology, questions of pathogenesis, classification. Angina, myocardial infarction. /Lec/	5	2	PC-1.1 PC-3.1 PC-3.2	L1.1L1.2 L1.3	0	
3.15	Coronary heart disease. Angina, myocardial infarction. /Pr/	5	6	PC-1.1 PC-3.1 PC-3.2	L1.1L1.2 L1.3	0	
3.16	Coronary heart disease. Angina, myocardial infarction. / Self-study/	5	8	PC-1.1 PC-3.1 PC-3.2	L1.1L1.2 L1.3	0	
3.17	ECG. Disorders of rhythm and conduction. /Lec/	5	2	PC-1.1 PC-3.1 PC-3.2	L1.1L1.2 L1.3	0	
3.18	ECG. Disorders of rhythm and conduction. / Pr/	5	6	PC-1.1 PC-3.1 PC-3.2	L1.1L1.2 L1.3	0	
3.19	ECG. Disorders of rhythm and conduction. /Self-study/	5	8	PC-1.1 PC-3.1 PC-3.2	L1.1L1.2 L1.3	0	
3.20	Chronic heart failure. Aetiology, questions of pathogenesis, classification. /Lec/	5	2	PC-1.1 PC-3.1 PC-3.2	L1.1L1.2 L1.3	0	
3.21	Chronic heart failure. Aetiology, questions of pathogenesis, classification. /Pr/	5	6	PC-1.1 PC-3.1 PC-3.2	L1.1L1.2 L1.3	0	
3.22	Chronic heart failure. Aetiology, questions of pathogenesis, classification. /Self-study/	5	8	PC-1.1 PC-3.1 PC-3.2	L1.1L1.2 L1.3	0	
3.23	Acute rheumatic fever. Chronic rheumatic heart disease. Myocarditis. Pericarditis. /Pr/	5	6	PC-1.1 PC-3.1 PC-3.2	L1.1L1.2 L1.3	0	
3.24	Infective endocarditis. Aortic valve defects /Pr/	5	3	PC-1.1 PC-3.1 PC-3.2	L1.1L1.2 L1.3	0	
3.25	Acute rheumatic fever. Chronic rheumatic heart disease. Myocarditis. Pericarditis. /Self-study/	5	8	PC-1.1 PC-3.1 PC-3.2	L1.1L1.2 L1.3	0	
3.26	/Credit/	5	3	PC-1.1 PC-3.1 PC-3.2	L1.1L1.2 L1.3	0	Test
	<b>Section 4. Diseases of the alimentary system, genitourinary system, metabolism and endocrine organs, hematopoietic organs.</b>						
4.1	Diseases of the stomach and intestines. Gastritis, gastric ulcer. Chronic enteritis and colitis. /Lecture/	6	2	PC-1.1 PC-3.1 PC-3.2	L1.1L1.2 L1.3	0	

4.2	Esophagitis. Gastritis./Pr/	6	6	PC-1.1 PC-3.1 PC-3.2	L1.1L1.2 L1.3	0	
4.3	Gastric ulcer. /Pr/	6	3	PC-1.1 PC-3.1 PC-3.2	L1.1L1.2 L1.3	0	
4.4	Esophagitis. Gastritis. Gastric ulcer. /Self-study/	6	5	PC-1.1 PC-3.1 PC-3.2	L1.1L1.2 L1.3	0	
4.5	Enteritis. Syndromes of maldigestion and malabsorption. /Pr/	6	3	PC-1.1 PC-3.1 PC-3.2	L1.1L1.2 L1.3	0	
4.6	Diseases of the large intestine. /Pr/	6	3	PC-1.1 PC-3.1 PC-3.2	L1.1L1.2 L1.3	0	
4.7	Enteritis. Syndromes of maldigestion and malabsorption. Diseases of the large intestine. /Self-study/	6	4	PC-1.1 PC-3.1 PC-3.2	L1.1L1.2 L1.3	0	
4.8	Diseases of the biliary tract. /Lec/	6	2	PC-1.1 PC-3.1 PC-3.2	L1.1L1.2 L1.3	0	
4.9	Diseases of the pancreas and biliary tract. Chronic pancreatitis, cholecystitis. /Pr/	6	3	PC-1.1 PC-3.1 PC-3.2	L1.1L1.2 L1.3	0	
4.10	Diseases of the pancreas and biliary tract. Chronic pancreatitis, cholecystitis. /Self-study/	6	4	PC-1.1 PC-3.1 PC-3.2	L1.1L1.2 L1.3	0	
4.11	Liver diseases. Chronic hepatitis. Cirrhosis of the liver/Pr/	6	3	PC-1.1 PC-3.1 PC-3.2	L1.1L1.2 L1.3	0	
4.12	Liver diseases. Chronic hepatitis. Cirrhosis of the liver/Self-study/	6	4	PC-1.1 PC-3.1 PC-3.2	L1.1L1.2 L1.3	0	
4.13	Renal diseases. /Lec/	6	2	PC-1.1 PC-3.1 PC-3.2	L1.1L1.2 L1.3	0	
4.14	Renal disease. Glomerulonephritis. Pyelonephritis. /Pr/	6	6	PC-1.1 PC-3.1 PC-3.2	L1.1L1.2 L1.3	0	
4.15	Renal diseases. /Self-study/	6	4	PC-1.1 PC-3.1 PC-3.2	L1.1L1.2 L1.3	0	
4.16	Acute and chronic renal failure. Renal colic. /Pr/.	6	3	PC-1.1 PC-3.1 PC-3.2	L1.1L1.2 L1.3	0	
4.17	Diseases of metabolism and endocrine organs. Diabetes Mellitus. Diseases of the thyroid gland. /Lec/	6	2	PC-1.1 PC-3.1 PC-3.2	L1.1L1.2 L1.3	0	
4.18	Diseases of metabolism and endocrine organs. /Pr/	6	3	PC-1.1 PC-3.1 PC-3.2	L1.1L1.2 L1.3	0	
4.19	Anemias. Acute and chronic leukaemia. /Lec/	6	2	PC-1.1 PC-3.1 PC-3.2	L1.1L1.2 L1.3	0	

4.20	Anaemias. Haemorrhagic syndrome. /Pr/	6	3	PC-1.1 PC-3.1 PC-3.2	L1.1L1.2 L1.3	0	
4.21	Urgent conditions in the clinic of internal diseases./ Lec/	6	2	PC-1.1 PC-3.1 PC-3.2	L1.1L1.2 L1.3	0	
4.22	Urgent conditions in the clinic of internal diseases./Pr/	6	3	PC-1.1 PC-3.1 PC-3.2	L1.1L1.2 L1.3	0	
4.23	/Test/	6	3	PC-1.1 PC-3.1 PC-3.2 PC- 8.2	L1.1L1.2 L1.3	0	Test
4.24	/Exam/	6	27	PC-1.1 PC-3.1 PC-3.2 PC- 8.2	L1.1L1.2 L1.3	0	Exam.

## 5. ASSESSMENT TOOLS

### 5.1. Assessment tools for midterm assessment

Presented by a single document

### 5.2. Assessment tools for diagnostic testing

Presented by a single document

## 6. COURSE (MODULE) RESOURCES

### 6.1. Recommended literature

#### 6.1.1. Core

	Authors	Title	Publisher, year	Quantity
L1.1	Ivashkin V.T., Okhlobystin A.V.	Internal diseases propaedeutics	Moscow: GEOTAR-Media, 2020. - 176 p. Access: electronic resource	1
L1.2	Ivashkin V.T., Okhlobystin A.V.	Internal diseases propaedeutics	Moscow: GEOTAR-Media, 2019. - 176 p. Access: electronic resource	1
L1.3	Ivashkin V.T., Okhlobystin A.V.	Internal diseases propaedeutics	M.: GEOTAR-Media, 2016. Access: electronic resource	1

#### 6.2. Internet resources

Medical journals

<https://medjrf.com/0869-2106/>

[https://journal.pulmonology.ru/pulm/article/view/385?locale=en\\_US](https://journal.pulmonology.ru/pulm/article/view/385?locale=en_US)

<https://scardio.ru/en/>

<http://nonr.su>

<https://www.omicsonline.org/societies/russian-gastroenterological-association-rga/>

<https://www.researchgate.net/publication/>

National Society of Hematology

#### 6.3.1 Software

Application package  
Microsoft Office

#### 6.3.2 Information Referral systems

<http://www.garant.ru> Information and legal portal

<http://www.consultant.ru> Legal reference system Consultant Plus

## 7. MATERIAL AND TECHNICAL SUPPORT OF DISCIPLINE (MODULE)

The classroom for lectures is equipped with a multimedia projector, screen, laptop, stationary chalk board, standard classroom furniture: desks, chairs

The classroom for conducting practical classes, group and individual consultations, ongoing monitoring and intermediate certification is equipped with the necessary equipment (multimedia projector, screen, laptop) and technical means (TV, video player) to provide educational information to students.

Auditoriums of the MI simulation center, equipped with phantom and simulation equipment, laboratory instruments and consumables in sufficient quantities, a BenQ multimedia projector, a digital mannequin for auscultation of the heart and lungs. A digital mannequin simulator for auscultation of the heart and lungs. A tonometer, a phonendoscope. Medical furniture. Library of laboratory and instrumental research results. Roles for standardized patients, library of situational tasks, library of clinical scenarios, library of assessment sheets.