

**FEDERAL STATE BUDGETARY  
EDUCATIONAL INSTITUTION OF HIGHER EDUCATION  
«AMUR STATE MEDICAL ACADEMY»  
MINISTRY OF HEALTH OF THE RUSSIAN FEDERATION**

AGREED  
Vice-Rector for Academic Affairs.

 N.V. Loskutova

April 17, 2025

Decision of the CCMC  
April 17, 2025

Protocol No. 7

APPROVED

by decision of the Academic Council of the FSBEI  
HE Amur SMA of the Ministry of Health of the  
Russian Federation

April 22, 2025

Protocol No. 15

Acting Rector of the FSBEI HE Amur SMA of the  
Ministry of Health of the Russian Federation



I.V. Zhukovets

April 22, 2025

**EDUCATIONAL PROGRAM  
discipline "POLYCLINIC THERAPY"**

**Specialty: 31.05.01 General Medicine**  
**Course: 5, 6**  
**Semester: 9, 10, 11, 12**  
**Total hours: 360 hours**  
**Total credits: 10 credit units**  
**Control form: examination, 12 semester**

Blagoveshchensk, 2025

The educational program of the discipline is designed in accordance with the requirements of the Federal State Educational Standard of Higher Education - specialist in specialty 31.05.01 General Medicine, approved by the order of the Ministry of Education and Science of Russia dated 08.12.2020 No. 988 (registered with the Ministry of Justice of Russia on 08.26.2020 No. 59493), BPEP HE (2021).

Author: Associate Professor of the Department of Faculty and Polyclinic Therapy, Ph.D. of Medical Sciences



O.M. Goncharova

Reviewers:

Head of the Department of Hospital Therapy with a course in Pharmacology, Holder of the Advanced Doctorate in Medical Sciences, Professor



V.V. Voitshovsky

Deputy Chief Physician for Medical Work of the State Autonomic Medical Institution of the Amur Region "City Polyclinic №1"



Y.S. Chaban

APPROVED

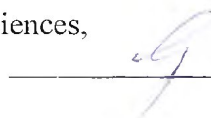
at the meeting of the Department of Faculty and Polyclinic Therapy, Protocol No. 6, dated April 3, 2025  
Head of the Department, Holder of the Advanced Doctorate (Doctor of Sciences) in Medical Sciences, Professor



V.I. Pavlenko

Conclusion of the Expert Commission on the review of the Educational Sciences: Protocol No. 1, dated April 16, 2025

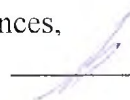
Expert of the Expert Commission, Holder of the Advanced Doctorate in Medical Sciences, Associate Professor



E.E. Molchanova

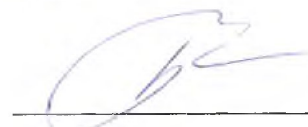
APPROVED at the meeting of the CMC No. 3: Protocol No. 1, dated April 17, 2025

Chairman of the CMC No. 3, Holder of the Advanced Doctorate in Medical Sciences, Professor



V.V. Voitshovsky

AGREED: Dean of the Medical Faculty, Ph.D. of Medical Sciences



N.G. Brush

April 17, 2025

<b>Content</b>		<b>Page</b>
<b>1</b>	<b>Explanatory note</b>	3
1.1.	Characteristics of the discipline	3
1.2.	The purpose and objectives of the discipline	3
1.3.	The place of the discipline in the structure of the main professional educational program higher education	5
1.4	Requirements for students	5
1.5	Interdisciplinary links with subsequent disciplines	9
1.6	Requirements for the results of mastering the discipline	10
1.6.1.	The content of competencies (or parts thereof) formed as a result of mastering the discipline	10
1.7	Stages of competence formation and descriptions of assessment scales.	24
1.8	Forms of organization of training and types of control	24
<b>2</b>	<b>Structure and content of the discipline</b>	25
2.1.	Volume of discipline and types of academic work	25
2.2.	Thematic plan of lectures and their summary	26
2.3.	Thematic plan of practical classes and their content	32
2.4.	Interactive forms of learning	60
2.5.	Criteria for assessing students' knowledge	63
2.6.	Independent work of students : in-class and out-of-class	69
2.7.	Research (project ) work of students	78
<b>3.</b>	<b>Educational, methodological, logistical and informational support of the discipline</b>	80
3.1.	Main literature	80
3.2.	Further reading	80
3.3.	Educational and methodological support for the discipline, prepared by the department staff	81
3.4.	Equipment used for the educational process	84
3.5.	Professional databases, information and reference systems, electronic educational resources	85
3.6	Licensed and freely distributed software used in the educational process.	88
3.7	Resources of the information and telecommunications network "Internet"	89
<b>4.</b>	<b>Evaluation Fund</b>	89
4.1.	Test control	89
4.1.1	Examples of incoming inspection	90
4.1.2	Examples of test control for 5th year students	90
4.1.3	Examples of test control for 6th year students	90
4.1.4.	Examples of test tasks for the final assessment	91
4.2.	Examples of situational tasks	91
4.3.	List of practical skills that a student should have after mastering the discipline	92
4.4.	List of questions for the exam	94

## **I. Explanatory note**

### **1.1. Characteristics of the discipline**

In recent years, the policy of the Russian government has been aimed at the priority development and improvement of primary health care by strengthening the therapeutic and pediatric district service, as well as the widespread introduction and development of general medical practice. At the board of the Ministry of Health and Social Development of 14.10.2005. "On the tasks of implementing the priority national project in the field of health care" a decision was made to take the necessary measures to organize additional training of district therapists, district pediatricians and general practitioners. The quality of pre-graduate training plays a major role in the formation of a primary health care physician.

Many very important sections of a doctor's work are learned only in a polyclinic and require a large amount of additional knowledge and skills. These are issues of early diagnosis of diseases, prevention, medical examination, conducting an examination of ability to work, outpatient rehabilitation, the specifics of treating patients of different age groups, etc.

The specifics of the work of a polyclinic doctor require great efficiency, the need to make decisions independently and quickly, prescribe treatment taking into account the possibility of purchasing the necessary medications for patients, the ability to assess the effectiveness of treatment and the reasons for its absence. Future doctors can only be taught this in a polyclinic setting.

During the training at the Department of Outpatient Therapy, students must form a correct understanding that more than 80% of the population receives highly qualified medical care in a polyclinic. Modern polyclinics have great diagnostic and therapeutic capabilities. Currently, indications for hospitalization and length of stay in the hospital for all diseases have been significantly narrowed. Treatment measures are mainly carried out on an outpatient basis using hospital-substituting technologies.

When teaching outpatient therapy, there should be no duplication with the department of hospital therapy when discussing individual diseases. It is necessary to discuss issues that are resolved specifically in the outpatient clinic. These are early symptoms of the disease, diagnostics, treatment options in outpatient settings, indications for hospitalization, assessment of work capacity, medical examination, prevention, etc.

### **1.2. The purpose and objectives of the discipline :**

**The purpose of teaching the discipline:** to train a highly qualified specialist who possesses certain knowledge, skills and abilities in the field of outpatient therapy, taking into account further professional activity in the specialty of General Medicine.

**The educational objectives of the disciplines are** to promote the development of clinical thinking, skills and professional abilities in students, and to teach students:

1. the basic principles of organizing medical and preventive care for the general population in a polyclinic setting;
2. the specifics of the organization and the scope of work of a general practitioner at a polyclinic.
3. formulate a detailed clinical diagnosis in accordance with modern classifications, taking into account the presence of complications and concomitant diseases;
4. modern diagnostic capabilities of the outpatient service and train them in their rational use;
5. clinical thinking skills for early diagnosis of the most common diseases, taking into account the characteristics of their course, treatment, primary and secondary prevention, medical examination and examination of working capacity;
6. work with medical documentation in a clinic setting;
7. draw up individual plans for treatment, rehabilitation and preventive measures activities for patients with various diseases of internal organs depending on the etiological factor, features of pathogenesis, degree of activity of the pathological process, clinical form of the disease, functional state of organs and systems;
8. formulate a detailed clinical diagnosis in accordance with modern classifications, taking into account the presence of complications and concomitant diseases;
9. the basic principles of assessment of working capacity.

### **1.3. The place of the discipline in the structure of the main professional educational program higher education academy**

In accordance with the Federal State Educational Standard of Higher Education - a specialist in the specialty 31.05.01 General Medicine (2020), the discipline Outpatient Therapy belongs to Block 1 of the

basic part and is taught in the 5th and 6th years.

#### 1.4. Requirements for students

<b>To study the discipline, knowledge, skills and abilities formed by previous disciplines are necessary:</b>
<b>Latin</b>
<b>Knowledge:</b> Basic medical and pharmaceutical terminology in Latin.
<b>Skills:</b> be able to apply knowledge for communication and obtaining information from medical literature, medical documentation
<b>Skills:</b> applies medical and pharmaceutical terminology in Latin in professional activities
<b>Professional foreign language</b>
<b>Knowledge:</b> basic medical and pharmaceutical terminology in a foreign language
<b>Skills :</b> be able to apply knowledge for communication and obtaining information from foreign sources
<b>Skills:</b> applies medical and pharmaceutical terminology in a foreign language in professional activities
<b>History of Medicine</b>
<b>Knowledge:</b> outstanding figures in medicine and health care, Nobel laureates, outstanding medical discoveries in the field of therapy, the influence of humanistic ideas on medicine
<b>Skills :</b> to competently and independently present and analyze the contribution of domestic scientists to the development of immunology.
<b>Skills:</b> applies knowledge of outstanding medical discoveries in the field of therapy in their professional activities
<b>Philosophy</b>
<b>Knowledge:</b> methods and techniques of philosophical analysis of problems; forms and methods of scientific knowledge, their evolution; basic patterns and trends in the development of the world historical process; laws of dialectical materialism in medicine
<b>Skills :</b> to competently and independently express, analyze the forms and methods of scientific knowledge and the laws of dialectical materialism in medicine.
<b>Skills: applies</b> methods and techniques of philosophical analysis of problems; forms and methods of scientific knowledge, their evolution; basic patterns and trends in the development of the world historical process; laws of dialectical materialism in medicine therapy in their professional activities
<b>Bioethics</b>
<b>Knowledge:</b> moral and ethical standards, rules and principles of professional medical conduct, rights of the patient and the doctor, basic ethical documents regulating the activities of the doctor
<b>Skills :</b> build and maintain working relationships with patients and other team members.
<b>Skills:</b> applies moral and ethical standards, rules and principles of professional medical conduct, the rights of the patient and the doctor, the main ethical documents regulating the activities of the doctor in his professional activities
<b>Microbiology, virology</b>
<b>Knowledge:</b> the impact of microbes, viruses, rickettsia, fungi on the body. Microbiological diagnostics of infectious diseases
<b>Skills:</b> analyze the results of microbiological diagnostics of infectious diseases.
<b>Skills:</b> applies knowledge about the impact of microbes, viruses, rickettsia, fungi on the body, microbiological diagnostics of infectious diseases in his/her professional activities
<b>Physics, Mathematics. Medical informatics. Medical biophysics</b>
<b>Knowledge:</b> mathematical methods for solving intellectual problems and their application in medicine; theoretical foundations of informatics, collection, storage, search, processing, transformation, distribution of information in medical and biological systems, use of information computer systems in medicine and health care; principles of operation and design of equipment used in medicine, principles of physical and mathematical laws that are reflected in medicine

<b>Skills:</b> be able to use educational, scientific, popular science literature, the Internet for professional activities, work with equipment taking into account safety regulations .
<b>Skills: applies</b> mathematical methods for solving intellectual problems and their application in medicine; theoretical foundations of computer science, collection, storage, search, processing, transformation, distribution of information in medical and biological systems, use of information computer systems in medicine and health care; principles of operation and design of equipment used in medicine, principles of physical and mathematical laws that are reflected in medicine in their professional activities
<b>Chemistry</b>
<b>Knowledge:</b> the chemical and biological essence of the processes occurring in a living organism at the molecular and cellular levels
<b>Skills:</b> analyze the contribution of chemical processes to the functioning of the cardiovascular , respiratory, digestive, urinary, and hematopoietic systems.
<b>Skills:</b> applies knowledge of the chemical and biological essence of processes occurring in a living organism at the molecular and cellular levels in his/her professional activities
<b>Biochemistry</b>
<b>Knowledge :</b> blood composition, biochemical blood constants, hormones, buffer systems, hemoglobin oxygenation factors, erythrocyte metabolism
<b>Skills:</b> analyze the contribution of biochemical processes to the functioning of organs and the cardiovascular , respiratory, digestive, urinary, and hematopoietic systems; interpret the results of the most common laboratory diagnostic methods to AIdentify disorders in diseases of internal organs and occupational diseases.
<b>Skills:</b> applies knowledge of blood composition, biochemical blood constants, hormones, buffer systems, hemoglobin oxygenation factors, and erythrocyte metabolism in his/her professional activities
<b>Biology</b>
<b>Knowledge:</b> laws of genetics and its importance for medicine; patterns of heredity and variability in individual development as the basis for understanding the pathogenesis and etiology of hereditary and multifactorial diseases; biosphere and ecology, the phenomenon of parasitism and bioecological diseases
<b>Skills:</b> analyze patterns of heredity and variability in the development of diseases of internal organs and occupational diseases.
<b>Skills:</b> applies knowledge of the laws of genetics and its importance for medicine; patterns of heredity and variability in individual development as the basis for understanding the pathogenesis and etiology of hereditary and multifactorial diseases in his/her professional activities
<b>Anatomy</b>
<b>Knowledge:</b> anatomical and physiological features of the respiratory, cardiovascular , digestive, hematopoietic systems
<b>Skills :</b> analyze age- and sex-related features of the structure of organs and systems.
<b>Skills:</b> applies knowledge of the anatomical and physiological characteristics of the respiratory, cardiovascular, digestive, and hematopoietic systems in his professional activities
<b>Normal physiology</b>
<b>Knowledge :</b> physiology of the cardiovascular, digestive, urinary, respiratory and hematopoietic systems is normal
<b>Skills:</b> analyze the importance of regulation of biological processes in the human body on the functioning of the cardiovascular , digestive, urinary, respiratory, and hematopoietic systems.
<b>Skills:</b> applies knowledge of the physiology of the cardiovascular , digestive, urinary, respiratory and hematopoietic systems in his/her professional activities
<b>Pathophysiology, clinical pathophysiology</b>
<b>Knowledge:</b> morphological changes in tissues organism in cardiovascular pathology , respiratory, digestive, urinary and blood systems
<b>Skills:</b> determine the contribution of pathophysiological processes to the development of diseases of internal organs.

<b>Skills</b> : applies knowledge of morphological changes in body tissues in pathologies of the cardiovascular, respiratory, digestive, urinary and blood systems in his/her professional activities
<b>Immunology</b>
<b>Knowledge</b> : types of immunity, regulation of the immune response, causes of immunopathological conditions, clinical manifestations of immunopathology, basic methods for assessing immune status and principles of its assessment, indications for the use of immunotropic therapy
<b>Skills:</b> Identify syndromes and symptoms of diseases associated with disorders of the immune system, prescribe a clinical and immunological examination, formulate an immunological diagnosis, prescribe immunocorrective therapy, and preventive measures to prevent diseases of the immune system.
<b>Skills</b> : applies knowledge about types of immunity, regulation of immune response, causes of immunopathological conditions, clinical manifestations of immunopathology, basic methods of assessing immune status and principles of its assessment, indications for the use of immunotropic therapy in his/her professional activities
<b>Pharmacology</b>
<b>Knowledge</b> : pharmacokinetics, pharmacodynamics, sAe effects the effect of various drugs on the body
<b>Skills:</b> write prescriptions for prescribed medications, know the indications and contraindications for their use.
<b>Skills:</b> applies knowledge of pharmacokinetics, pharmacodynamics, and sAe effects of various drugs on the body in his/her professional activities
<b>Propaedeutics of internal diseases</b>
<b>Knowledge:</b> collection of complaints, anamnesis , objective methods of examination of patients (palpation, percussion, auscultation)
<b>Skills</b> : conduct anamnestic and physical examination, AIdentify the main syndromes and symptoms of diseases of internal organs.
<b>Skills:</b> applies knowledge of collecting complaints, anamnesis, objective methods of examining patients (palpation, percussion, auscultation in his professional activities
<b>Public health and healthcare, health economics</b>
<b>Knowledge:</b> fundamentals of the legislation of the Russian Federation on public health protection, main regulatory and technical documents; population health indicators, factors that shape human health (ecological, professional, natural and climatic, endemic, social, epAemiological, psycho-emotional, professional, genetic)
<b>Skills:</b> plan, analyze and evaluate the quality of medical care, the health status of the population and the impact of environmental and industrial factors on it; calculate medical statistics indicators.
<b>Skills:</b> applies knowledge of the fundamentals of the Russian Federation legislation on public health protection, the main regulatory and technical documents; population health indicators, factors that shape human health (environmental, professional, natural and climatic, endemic, social, epAemiological, psycho-emotional, professional, genetic) in their professional activities
<b>Pathological anatomy, clinical pathological anatomy</b>
<b>Knowledge:</b> etiology, pathogenesis, morphogenesis, pathomorphosis of disease, principles of disease classification; structural and functional bases of diseases and pathological processes; causes, mechanisms of development and outcomes of typical pathological processes.
<b>Skills:</b> visually assess and record changes in the organs and tissues of a corpse, substantiate the nature of the pathological process and its clinical manifestations; provAe a conclusion on the cause of death and formulate a pathological diagnosis;
<b>Skills:</b> applies knowledge of the etiology, pathogenesis, morphogenesis, pathomorphosis of the disease, principles of classification of diseases; structural and functional bases of diseases and pathological processes; causes, mechanisms of development and outcomes of typical pathological processes in their professional activities
<b>Emergency conditions in therapy</b>
<b>Knowledge:</b> etiology, pathogenesis, classification, clinical manifestations, complications, diagnosis, treatment and prevention of emergency conditions in therapy

<b>Skills:</b> diagnose an urgent condition in the main therapeutic conditions, formulate and justify a clinical diagnosis, conduct differential diagnostics and provAIE emergency care.
<b>Skills:</b> applies knowledge of etiology, pathogenesis, classification, clinical manifestations, complications, diagnosis, treatment and prevention of emergency conditions in therapy in his/her professional activities
<b>Faculty therapy</b>
<b>Knowledge:</b> etiology, pathogenesis, classification, clinical manifestations, complications, diagnosis, treatment and prevention of major diseases of the respiratory, cardiovascular, digestive, urinary and hematopoietic systems
<b>Skills:</b> formulate and justify a clinical diagnosis, prescribe an examination and treatment plan for the main therapeutic diseases, diagnose an urgent condition and provAIE emergency care.
<b>Skills:</b> applies knowledge of the etiology, pathogenesis, classification, clinical manifestations, complications, diagnosis, treatment and prevention of major diseases of the respiratory, cardiovascular, digestive, urinary and hematopoietic systems in his professional activities
<b>Hospital therapy</b>
<b>Knowledge:</b> etiology, pathogenesis, classification, clinical manifestations, complications, diagnosis, treatment and prevention of major diseases of the respiratory, cardiovascular, digestive, urinary and hematopoietic systems
<b>Skills:</b> formulate and justify a clinical diagnosis, prescribe a survey plan in his professional activities and treatment of the main therapeutic diseases
<b>Skills:</b> applies knowledge of etiology, pathogenesis, classification, clinical manifestations, complications, diagnosis, treatment and prevention of major diseases of the respiratory, cardiovascular, digestive, urinary and hematopoietic systems systems in their professional activities

The training of students in outpatient therapy is carried out on the basis of continuity of knowledge, skills and competencies obtained in the 1st to 5th years of the Academy, which are the prerequisites for studying the discipline:

### 1.5. Interdisciplinary links with subsequent disciplines

№ p /p	Name of subsequent disciplines	Discipline: Outpatient therapy
1	Hospital therapy	+
2	Clinical pharmacology	+
3	Differential diagnostics in cardiology	+
4	Phthisiology	
5	Oncology , radiation therapy	+
6	Current issues in cardiology before	+
7	Organization of medical and preventive care for the adult population in a polyclinic setting	+
8	Emergency conditions in the practice of a local therapist	+
9	Anesthesiology, resuscitation, intensive care	+
10	Modern methods of diagnostics and treatment in hematology	+

### 1.6. Requirements for the results of mastering the discipline

The study of the discipline "Outpatient Therapy" is aimed at the formation and improvement of the following universal (UC), general cultural (GCC) and professional competencies (PC): UC -1.3; GCC-2.4.5.6.7.8.11; PC-1-14

#### 1.6.1. Content of competencies (or parts thereof) formed as a result of mastering the discipline

No. p /p	Code and name of competence	Code and name of the indicator of achievement of competence	As a result of studying the academic discipline "Outpatient therapy" The student must:		
			Know	Be able to	To own
<b>Universal competencies</b>					
1	<b>UC-1.</b> Capable of carrying out a critical analysis of problematic situations based on a systems approach, developing an action strategy	<p><b>AI UC-1.1</b> . Analyzes the problem situation based on a systems approach.</p> <p><b>AI UC-1.2.</b> Develops and argues a strategy for solving problem situations based on a systemic and interdisciplinary approach.</p> <p><b>AI UC-1.3.</b> AIentifies gaps in information needed to solve problem situations and designs processes to eliminate them.</p> <p><b>AI UC-1.4.</b> Applies systems analysis to resolve problematic situations in the professional sphere.</p> <p><b>AI UC-1.5</b> . Uses logical and methodological tools for critical evaluation of modern concepts of a philosophical and social nature in their subject area.</p> <p><b>AI UC-1.6.</b> Critically evaluates the reliability of information sources.</p>	The main historical stages of the development of outpatient care, the subject and objectives of the discipline , connection with other medical and biological kimi and medicine what disciplines	To characterize the stages of outpatient care, the principles of organization and its role at the present stage	The ability to analyze the importance of outpatient care at the present stage
	<b>UC-3</b> . Able to organize and manage the work of a team, developing a team strategy to achieve the set goal.	<p><b>AI UC-3.1.</b> Works in a team, tolerant but perceives social, ethnic, religious and cultural differences.</p> <p><b>AI UC 3.2</b> . Plans and adjusts the team's work based on the cooperation strategy; distributes assignments and delegates authority to team members.</p> <p><b>AI UC-3.3</b> . Selects constructive methods for resolving</p>	O main legislative acts, methods of resolving conflicts and contradictions in business communication	Work within the framework of set goals and objectives , achieve their implementation, resolve conflicts and	The basic principles of professional cooperation, the ability to carry out organizational but – management

		conflicts and contradictions in business communication. <b>AI UC-3.4</b> . Organizes discussions on a given topic and discussion of the results of the team's work with the involvement of opponents, developed AIEAs.		contradictions in business communication	activities, resolving contradictions in business communication
<b>General professional competencies</b>					
	<b>GPC-2</b> . Capable of conducting and implementing control over the efficiency these activities are aimed at prevention, formation of healthy lifestyle and sanitary hygiene educational education of the population	<b>AI GPC -2.1</b> . Uses preventive medicine methods aimed at strengthening the health of the population. <b>AI GPC -2.2</b> . Promotes a healthy lifestyle aimed at improving sanitary culture and preventing diseases of patients (the population). <b>AI GPC -2.3</b> . Develops a work plan for the formation of a healthy lifestyle for various contingents (staff and patients of medical organizations, various professional and social groups) taking into account the sanitary and epidemiological situation. <b>AI GPC -2.4</b> . Performs ranking of risk factors for public health, selects and justifies optimal measures to minimize and eliminate health risks. <b>AI GPC -2.5</b> . Assesses the characteristics of population health and environmental factors that affect the body, knows the biophysical mechanisms of such impact. <b>AI GPC -2.6</b> . Assesses the need for the use of drug and non-drug prophylaxis, natural healing factors and other methods aimed at preventing the occurrence of diseases and eliminating risk factors for their development. <b>AI GPC-2.7</b> . Considers the effects of drugs and biologically active substances, their combinations, taking into account the morphofunctional characteristics and physiological state of the human body.	Methods and activities for prevention, formation of a healthy lifestyle and sanitary and hygienic education of the population	Conduct discussions about a healthy lifestyle with interested groups, monitor the effectiveness of preventive measures, and develop healthy lifestyles. lifestyle and sanitary and hygienic to whom the education of the population	The ability to develop a work plan for the formation of a healthy lifestyle and sanitary and hygienic to educate the population
	<b>GPC -4</b> . Capable of using medical devices provided for by the procedure for providing medical	<b>AI GPC -4.1</b> . Uses modern medical technologies, specialized equipment and medical products, disinfectants, drugs, including immunobiological and other substances and their combinations when solving professional problems from the standpoint of evidence-based medicine.	Essential medical products , specialized equipment, technologies, and	Justify the choice of essential medical products , specialized equipment, technology, and	The ability to conduct a patient examination to establish a diagnosis and interpret

<p>care, as well as conducting patient examinations to establish a diagnosis</p>	<p><b>AI GPC -4.2.</b> Knows the indications and contraindications for the appointment of instrumental, functional and laboratory examination methods, possible complications during the examination, emergency care and their prevention.  <b>AI GPC -4.3 .</b> Interprets the results of the most common methods of instrumental, laboratory and functional diagnostics, thermometry to identify pathological processes.  <b>AI GPC -4.4.</b> Proficient in methods of general clinical examination of patients of various ages.  <b>AI GPC -4.5.</b> Formulates a preliminary diagnosis and clinical diagnosis according to ICD.</p>	<p>medications provided for by the procedure for providing medical care</p>	<p>medications provided for by the procedure for providing medical care,</p>	<p>results of the most common methods of instrumental, laboratory and functional diagnostics, thermometry to detect pathological processes</p>
<p><b>GPC -5 .</b> Capable of assessing morphofunctional, physiological states and pathological processes in the human body to solve professional problems</p>	<p><b>AI GPC -5.1.</b> Knows the functional systems of the human body, their regulation and self-regulation when interacting with the external environment in the norm and in pathological processes.  <b>AI GPC -5.2 .</b> Knows the etiology, pathogenesis, morphogenesis, pathomorphosis of disease development, basic concepts of nosology.  <b>AI GPC -5.3 .</b> Knows the indicators of the morphofunctional, physiological state of a healthy person and can measure/determine them.  <b>AI GPC -5.4 .</b> Applies indicators of morphofunctional, physiological state and pathological process to examine the human body in order to establish a diagnosis, prescribe treatment and monitor its effectiveness and safety.  <b>AI GPC -5.5 .</b> Analyzes macroscopic and microscopic changes in normal and pathologically altered tissues and organs.  <b>AI GPC -5.6.</b> Interprets the results of studies of biopsy and surgical material to solve professional problems and formulate a diagnosis in accordance with the ICD.</p>	<p>Morphofunctional, physiological states and pathological processes in the human body for solving professional problems</p>	<p>Assess morphofunctional, physiological states and pathological processes in the human body to solve professional problems</p>	<p>The ability to assess the physical development of the body, data from medical examinations of various contingents and periodic medical examinations to solve a professional problem</p>
<p><b>GPC -6.</b> Capable of organizing patient care, providing primary health care,</p>	<p><b>AI GPC-6.1.</b> Organizes and provides primary, medical and sanitary and emergency care to patients.  <b>AI GPC-6.2 .</b> Uses medical means of protection, prevention, provision of medical care and treatment of injuries caused by</p>	<p>The main anti-epidemiological measures, methods of protecting the</p>	<p>Organize patient care, provide primary health care, ensure the organization of work</p>	<p>The ability to provide first medical aid in emergency situations at the pre-</p>

	<p>ensuring to organize work and make professional decisions in the event of unforeseen false conditions at the pre-hospital stage, in emergency situations, epAIemics and in areas of mass destruction</p>	<p>toxic substances of various nature, radioactive substances and biological agents.  <b>AI GPC-6.3</b> . Makes professional decisions in emergency situations and provAIes first medical aAI at the pre-hospital stage, in emergency situations, epAIemics and in areas of mass destruction.  <b>AI GPC-6.4</b>. Organizes the work of medical personnel and carries out anti-epAIemic measures to protect the population in emergency situations, epAIemics and in areas of mass destruction.</p>	<p>population in foci of especially dangerous infections, in case of deterioration of radiation national situation and natural disasters , rules for provAIing primary, medical and emergency care to patients</p>	<p>and the adoption of professional decisions in emergency situations at the pre-hospital stage, in emergency situations, epAIemics and in areas of mass destruction</p>	<p>hospital stage and organize anti-epAIemic measures to protect the population in emergency situations, epAIemics and in areas of mass destruction</p>
<p><b>GPC -7.</b> Capable of prescribing treatment and monitoring its effectiveness and safety</p>		<p><b>AI GPC-7.1</b> . Selects a drug based on the totality of its pharmacokinetic and pharmacodynamic characteristics for the treatment of patients with various nosological forms in outpatient and inpatient settings.  <b>AI GPC-7.2</b> . Selects the optimal minimum of the most effective means, using convenient methods of their use and the financial capabilities of the patient to purchase medications.  <b>AI GPC-7.3</b>. Explains the main and sAIe effects of drugs, the effects of their combined use and interaction with food, taking into account the morphofunctional features, physiological states and pathological processes in the human body  <b>AI GPC-7.4</b> . Prescribes medications in prescriptions for the treatment of diseases and correction of pathological conditions, based on the characteristics of the pharmacokinetics and pharmacodynamics of drugs.  <b>AI GPC-7.5</b> . Takes into account morphofunctional features, physiological states and pathological processes in the human body when choosing over-the-counter drugs and other pharmacy products.  <b>AI GPC-7.6</b> . Analyzes the results of possible interactions of drugs during the combined use of various drugs.</p>	<p>Mechanisms of action of drugs based on their pharmacokinetic and pharmacodynamic characteristics for the treatment of patients with various nosological forms in outpatient settings.</p>	<p>Prescribe treatment to patients with various nosological forms in outpatient settings and monitor its effectiveness and safety</p>	<p>Ability selection of a drug based on a combination of the nature of its pharmacokinetics genetic and pharmacodynamic characteristics for the treatment of patients with various nosological forms in outpatient settings</p>

		<b>AI GPC-7.7</b> . Evaluates the effectiveness and safety of drug therapy using a combination of clinical, laboratory, instrumental and other diagnostic methods.			
<b>GPC -8.</b> Capable of implementing and exercising control over the efficiency the medical rehabilitation of the patient, including when implementing individual rehabilitation and habilitation programs for people with disabilities, to assess the patient's ability to perform work activities		<p><b>AI GPC-8.1.</b> Assesses the functional reserves and adaptive abilities of a person, reduced in the process of unfavorable impact of environmental factors and activities or as a result of illness.</p> <p><b>AI GPC-8.2.</b> Identifies risk groups for the purpose of improving health and determining the rehabilitation potential for subsequent restorative treatment and rehabilitation of patients.</p> <p><b>AI GPC-8.3</b> . Develops and organizes a plan of measures for medical rehabilitation of patients, including methods of non-drug treatment (natural healing factors, physical and reflexology, therapeutic exercise).</p> <p><b>AI GPC-8.4</b> . Interprets the results of clinical, laboratory, instrumental, and neuropsychological diagnostic methods to monitor the effectiveness of medical rehabilitation programs and assess the patient's ability to perform work activities.</p>	Basic principles of monitoring the effectiveness of medical rehabilitation of a patient, including when implementing individual rehabilitation and habilitation programs for people with disabilities, to assess the patient's ability to perform work activities	Carry out activities to identify risk groups for the purpose of improving health and determining rehabilitation potential for subsequent restorative treatment and rehabilitation of patients	Ability to monitor the effectiveness of the patient's medical rehabilitation, including when implementing individual rehabilitation and habilitation programs for people with disabilities, and assess the patient's ability to perform work
<b>GPC -11.</b> Capable of preparing and applying scientific, scientific-production, design, organizational-managerial and regulatory documentation in the healthcare system		<p><b>AI GPC 11.1</b> . Applies modern methods of collecting and processing information, conducts statistical analysis of the obtained data in the professional field and interprets the results to solve professional problems.</p> <p><b>AI GPC 11.2</b> . Identifies and analyzes problem situations, searches for and selects scientific, regulatory and organizational documentation in accordance with the specified goals.</p> <p><b>AI GPC 11.3</b> . Interprets and applies data from physical, chemical, mathematical and other natural science concepts and methods for solving professional problems.</p> <p><b>AI GPC-11.4</b> . Conducts scientific and practical research, analyzes information using the historical method and prepares publications based on the research results.</p> <p><b>AI GPC-11.5.</b> Analyzes and compiles accounting and</p>	Scientific, scientific-production, design, organizational-managerial and regulatory documentation in the healthcare system	Prepare and apply scientific, scientific and industrial information design, organizational, managerial and regulatory documentation in the healthcare system, to implement search and selection of scientific, regulatory and organizational documentation in accordance with the	Ability to conduct scientific and practical research, analyze information using the historical method and prepare publications based on the research results

		reporting medical documentation and calculates qualitative and quantitative indicators used in professional activities.		specified objectives	
<b>Professional competencies</b>					
PC-1 Capable of providing medical assistance in urgent and emergency situations	<p>AI PC - 1.1. Identifies clinical signs of conditions requiring emergency medical care</p> <p>AI PC -1.2. Provides emergency medical care to patients with sudden acute illnesses, conditions, exacerbation of chronic diseases without obvious signs of a threat to the patient's life</p> <p>AI PC -1.3. Identifies conditions requiring emergency medical care</p> <p>AI PC - 1.4. Provides emergency medical care to patients in conditions that pose a threat to the patient's life.</p> <p>AI PC -1.5. Reveals signs of sudden cessation of blood circulation and breathing</p> <p>AI PC - 1.6. Performs basic cardiopulmonary resuscitation measures in combination with electrical impulse therapy (defibrillation) in the event of clinical death of a patient (in case of sudden cessation of blood circulation and/or breathing)</p>	Clinical signs of conditions requiring emergency medical care	Identify and provide emergency medical care to patients with sudden acute illnesses, conditions, exacerbation of chronic diseases without obvious signs of a threat to the patient's life	Skills in providing medical care in emergency and urgent forms to patients with sudden acute diseases, conditions, exacerbation of chronic diseases without obvious signs of a threat to the patient's life	
PC-2. Capable of collecting and analyzing complaints, life history and medical history of the patient in order to establish a diagnosis	<p>AI PC-2 .1. Establishes contact with the patient.</p> <p>AI PC- 2.2. Collects complaints, specifies them, highlighting the main and secondary ones.</p> <p>AI PC- 2.3. Collects and analyzes information about the onset of the disease, the presence of risk factors, the dynamics of the development of symptoms and the course of the disease.</p> <p>AI PC- 2.4. Analyzes the timing of the first and repeated requests for medical care, the volume of therapy performed, and its effectiveness.</p> <p>AI PC- 2.5. Collects and evaluates information about the anamnesis of life, including data on past illnesses, injuries and surgical interventions, hereditary, professional</p>	Algorithms for collecting complaints, life history and patient disease history in order to establish a diagnosis	Collect and analyze information about the onset of the disease, the presence of risk factors, the dynamics of the development of symptoms and the course of the disease	Skills in collecting complaints, anamnesis of life and anamnesis of the patient's disease in order to establish a diagnosis	
PC-3. Capable of conducting a physical	AI PC-3.1. Conducts a complete physical examination of the patient (inspection, palpation, percussion, auscultation) and	Methodology for conducting a	Analyze the results of the patient's	Skills for early diagnosis of diseases	

<p>examination of a patient, analyzing the results of additional examination methods in order to establish a diagnosis</p>	<p>interprets its results  AI PC-3.2. Justifies the necessity, volume, sequence of diagnostic measures (laboratory, instrumental) and referral of the patient to specialist doctors for consultations  AI PC-3.3. Analyzes the results of the patient examination, if necessary, justifies and plans the scope of additional studies.  AI PC-3.4. Interprets and analyzes the results of collecting information about the patient's disease, data obtained during laboratory and instrumental examinations and during consultations with specialist doctors, and, if necessary, justifies and plans the scope of additional research.  AI PC-3.5. Performs early diagnostics of internal organ diseases. Establishes a diagnosis taking into account the current international statistical classification of diseases and related health problems (ICD)  AI PC-3.6. Conducts differential diagnostics of internal organ diseases from other diseases</p>	<p>complete physical examination of the patient and international statistics  the International Classification of Diseases and Related Health Problems (ICD)</p>	<p>examination</p>	<p>of internal organs and</p>
<p>PC-4. Capable of determining indications for hospitalization, indications for emergency, including emergency specialized, medical care</p>	<p>AI PC-4.1. Defines medical indications for the provision of emergency, including emergency specialized, medical care  AI PC-4.2. Refer the patient for specialized medical care in inpatient or day hospital conditions if there are medical indications in accordance with the current procedures for providing medical care, clinical guidelines (treatment protocols) on issues of providing medical care, taking into account the standards of medical care  AI PC-4.3. Uses medical products in accordance with current procedures for the provision of medical care, clinical recommendations (treatment protocols) on issues of providing medical care, care taking into account the standards of medical care</p>	<p>Indications for hospitalization, indications for emergency, including specialized emergency, medical care</p>	<p>Determine medical indications for the provision of emergency, including emergency specialized, medical care and refer the patient for specialized medical care in inpatient settings or in day hospital settings</p>	<p>Skills in using medical devices in accordance with current procedures for providing medical care, clinical guidelines (treatment protocols) on issues of providing medical care, care taking into account standards of medical care</p>
<p>PC-5. Able to prescribe treatment to patients</p>	<p>AI PC-5. 1. Draws up a treatment plan for the patient taking into account the diagnosis, age of the patient, clinical picture of the disease, presence of complications, concomitant pathology, in accordance with the current procedures for the</p>	<p>Clinical guidelines (treatment protocols) on issues of providing medical</p>	<p>Draws up a treatment plan for the patient taking into account the diagnosis, age of</p>	<p>Skills in providing palliative care in collaboration with specialist doctors and</p>

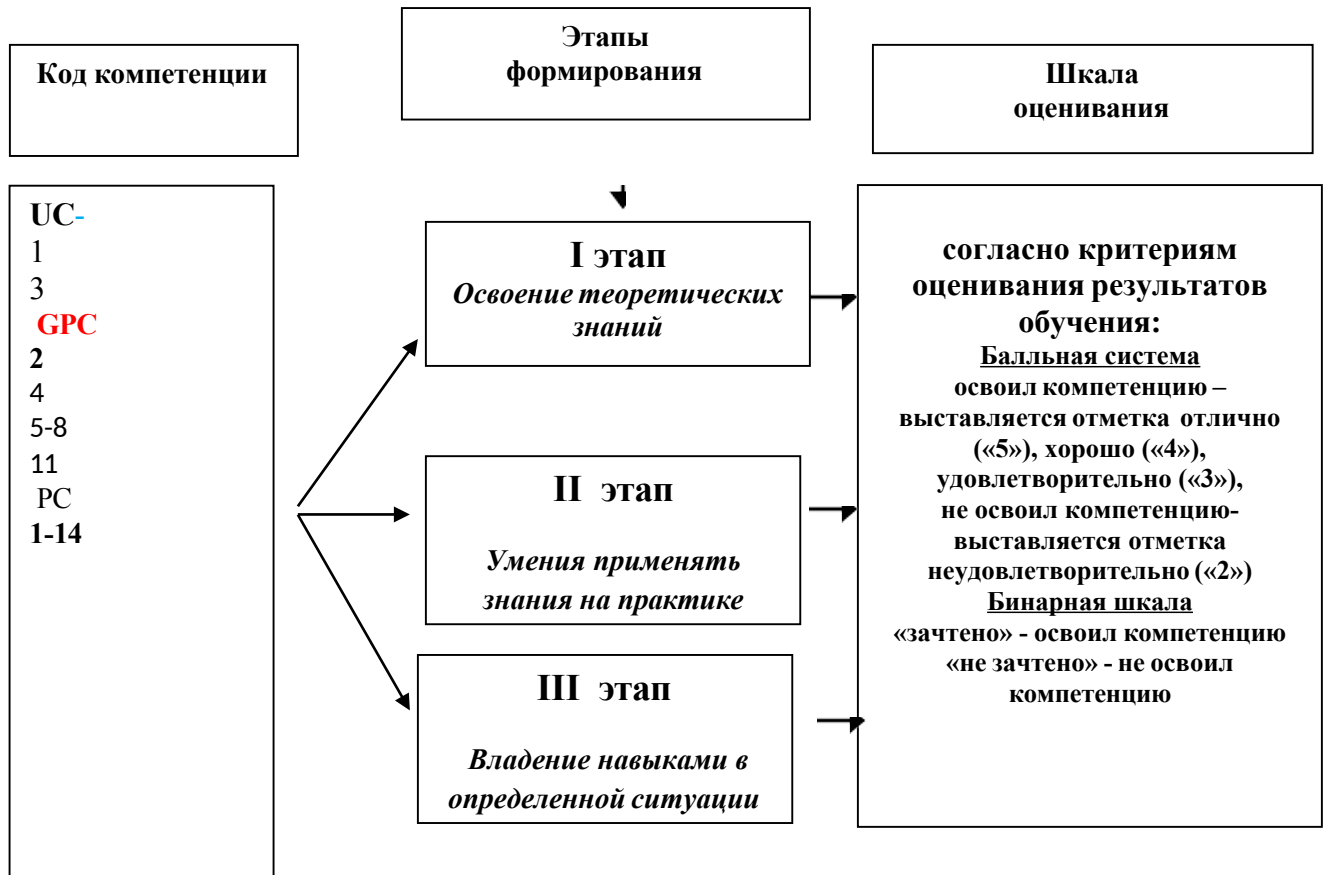
		<p>provision of medical care, clinical recommendations (treatment protocols) on issues of providing medical care, taking into account the standards of medical care</p> <p>AI PC-5. 2. Prescribes medications, medical devices and therapeutic nutrition taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical recommendations, taking into account the standards of medical care</p> <p>AI PC-5. 3. Prescribes non-drug treatment taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical recommendations, taking into account the standards of medical care</p> <p>AI PC-5. 4. Provides palliative medical care in cooperation with medical specialists and other medical workers</p> <p>AI PC-5. 5. Organizes personalized treatment of the patient, including pregnant women, elderly and senile patients</p>	<p>care taking into account standards of medical care</p>	<p>the patient, clinical picture of the disease, presence of complications, concomitant pathology, in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on issues of providing medical care, taking into account the standards of medical care</p>	<p>other health care workers</p>
<p>PC-6. Capable of monitoring the effectiveness and safety of the therapy being performed.</p>		<p>AI PC-6.1. Assesses the effectiveness and safety of the use of drugs, medical devices and therapeutic nutrition and other methods of treatment</p> <p>AI PC-6.2. Takes into account the pharmacodynamics and pharmacokinetics of the main groups of drugs, prevents the development of adverse drug reactions, and corrects them if they occur.</p>	<p>Pharmacodynamics and pharmacokinetics of the main groups of drugs</p>	<p>Assess the effectiveness and safety of the use of drugs, medical devices, therapeutic nutrition and other treatment methods</p>	<p>Skills in monitoring the effectiveness and safety of the therapy being administered</p>

	<p>PC-7 - Capable of examining a patient with persistent dysfunction of the body caused by a disease, we, last injuries or defects for medical and social examination</p>	<p>AI PC-7.1. AI identifies signs of temporary disability and signs of persistent impairment of body functions caused by diseases, consequences of injuries or defects  AI PC-7.2. Participates in conducting examinations of temporary disability and work as part of the medical commission that carries out examinations of temporary disability  AI PC-7.3. Prepares the necessary medical documentation for the implementation of medical and social expertise in federal state institutions of medical and social expertise  AI PC-7.4. Refer a patient with persistent dysfunction of the body caused by diseases, consequences of injuries or defects to a medical and social examination</p>	<p>Signs of temporary disability and signs of persistent impairment of body functions caused by diseases, consequences of injuries or</p>	<p>Conduct examination of temporary disability and prepare the necessary medical documentation for the implementation of medical and social examination in federal state institutions of medical and social examination</p>	<p>Skills in conducting an examination of temporary disability and preparing the necessary medical documentation for the implementation of medical and social expertise in federal state institutions of medical and social expertise</p>
	<p>PC-8 - Capable of implementing and monitoring the effectiveness of individual patient rehabilitation programs</p>	<p>AI PC-8.1. Defines medical indications for carrying out medical rehabilitation or habilitation measures for disabled people, in accordance with current procedures for providing medical care, clinical recommendations on issues of providing medical care, taking into account the standards of medical care  medical rehabilitation activities for the patient, in accordance with the current procedures for providing medical care, clinical recommendations (treatment protocols) on issues of providing medical care, taking into account the standards of medical care  AI PC-8.3. Determines medical specialists to carry out rehabilitation measures for the patient, taking into account the diagnosis and in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on issues of providing medical care, taking into account the standards of medical care  AI PC 8.4.. Monitors and evaluates the effectiveness and safety of rehabilitation measures, taking into account the diagnosis and in accordance with the current procedures for</p>	<p>Medical indications for carrying out medical rehabilitation or habilitation activities for disabled persons, in accordance with the current procedures for the provision of medical care, clinical guidelines on issues of providing medical care, taking into account the standards of medical care</p>	<p>Determine medical indications for carrying out medical rehabilitation or habilitation activities for disabled persons, in accordance with current procedures for the provision of medical care, clinical guidelines on issues of providing medical care, taking into account the standards of medical care</p>	<p>Skills implementation and monitoring of the effectiveness of individual patient rehabilitation programs</p>

		the provision of medical care, clinical recommendations (treatment protocols) on issues of providing medical care, taking into account the standards of medical care			
PC-9. Cap on To carrying out preventive medical examinations, dispensary and implementation of dispensary observations for patients with chronic diseases	AI PC 9.1. Organizes and conducts medical examinations taking into account age, health status, profession in accordance with current regulatory legal acts and other documents AI PC 9.2. Conducts medical examination of the adult population for the purpose of early detection of chronic non-communicable diseases, the main risk factors for their development AI PC 9.3. Conducts outpatient observation of patients with identified chronic non-infectious diseases AI PC 9.4. Determines medical indications for referral to specialist doctors and additional research methods based on the results of a medical examination	Main current regulatory legal acts and other documents	Conduct medical examinations taking into account age, health status, profession in accordance with current regulatory legal acts and other documents	Skills for conducting dispensary observation of patients with identified chronic non-communicable diseases	
PC -10. Capable of conducting and monitoring the effectiveness of preventive work and healthy lifestyle promotion activities	AI PC 10.1. Prescribes preventive measures to patients taking into account risk factors for the prevention and early detection of diseases, including socially significant diseases AI PC 10.2. Develops and implements programs for the formation of a healthy lifestyle, including programs to reduce alcohol and tobacco consumption, prevent and combat non-drug use of narcotic drugs and psychotropic substances AI PC 10.3. Conducts sanitary and anti-epidemic measures in the event of an outbreak of infection	Healthy lifestyle programs, including programs to reduce alcohol and tobacco consumption, prevent of the fight against non-drug use of narcotic drugs and psychoactive substances	Conduct and monitor the effectiveness of preventive measures and the formation of a healthy lifestyle	Skills of conducting activities for preventive work and the formation of a healthy lifestyle	
PC-11. Cap on To application basing PRINCIPLES OF THE ORGANIZATION And management V sphere o rectio	AI PC 11.1. Organizes medical care in medical organizations providing outpatient medical care, including at home when a medical worker is called AI PC 11.2. Monitors the performance of job responsibilities by the district nurse and other medical workers at their disposal AI PC 11.3. Uses methods and means of visual presentation	Basic PRINCIPLES OF ORGANIZATIONS And management V sphere o rectio n health attached population, in	Ensure internal control of quality and safety of medical activities within the scope of job responsibilities	Skills in drawing up a work plan and report on the work of a district doctor in accordance with established requirements	

<p>n health attached population, in medical organizations their Structural subdivisions</p>	<p>of activity results  AI PC 11.4. Draws up a work plan and a report on the work of the district doctor in accordance with the established requirements  AI PC 11.5. Ensures internal quality control and safety of medical activities within the scope of job responsibilities  AI PC 11.6. Uses information systems and information and telecommunications in professional activities</p>	<p>medical organizations their Structural subdivisions</p>		
<p>PC-12. Ready to maintain medical records, including in electronic form</p>	<p>AI PC-12.1 . Fills out medical documentation, including in electronic form.  AI PC-12.2 . Works with personal data of patients and information constituting a medical secret.  AI 12.3. Prepares documents when referring patients for hospitalization, consultation, spa treatment, medical and social examination</p>	<p>The main one medical documentation and how to fill it out</p>	<p>Fill out medical documentation, including in electronic form</p>	<p>Skills working with personal data of patients and information constituting a medical secret</p>
<p>PC-13. Ready to participate in assessing the quality of medical care provided to patients using medical statistics of such indicators</p>	<p>AI PC-13.1 . Conducts an analysis of medical and statistical indicators of morbidity, disability and mortality to assess the health of the assigned population  AI PC 13. 2. Analyzes data from official statistical reporting, including forms of federal and industry statistical observation</p>	<p>Statistical reporting, including federal and industry statistical monitoring forms</p>	<p>Conduct medical and statistical analysis of indicators of morbidity, disability and mortality to assess the health of the assigned population</p>	<p>Skills in conducting statistical reporting</p>
<p>PC-14. Capable of participating in research activities.</p>	<p>AI PC-14. 1. Participates in scientific research  AI PC-14. 2. Analyzes medical information based on evidence-based medicine  AI PC-14. 3. Introduces new methods and techniques into practical healthcare aimed at protecting the health of the adult population.</p>	<p>Evidence-based medical information</p>	<p>Analyze medical information based on evidence-based medicine</p>	<p>Skills in introducing new methods and techniques into practical healthcare aimed at protecting the health of the adult population</p>

1.7. Stages of competence development and descriptions of assessment scales .



1.8. . Forms of training organization and types of control

Forms of organization of students' education	Types of control
<ol style="list-style-type: none"> <li>Lectures</li> <li>Clinical practical classes</li> <li>Work in the offices of local therapists and specialists under the supervision of a teacher and doctors</li> <li>Interactive forms (clinical analysis of thematic patients, business game, brainstorming, discussion, work in the Simulation and Certification Center, computer simulations, subject Olympiad in a discipline, defense of an educational outpatient card, etc.).</li> <li>Participation in the research work of the department.</li> </ol>	<p>Current control (incoming , similar, output, boundary)                      Entrance control of the level of preparedness before studying the discipline : ( testing, interview)                      Initial and final control on the subject of the discipline:                      - frontal survey (oral or written)                      - testing, including in the Moodle system                      - checking homework                      - solving situational problems                      - checking the acquisition of practical skills (working with patients at receptions , at home, interviews on situational tasks, an educational outpatient card of a thematic patient, working with regulatory documents, working in a simulation class)                      - checking the execution of outpatient cards, filling out medical documentation , abstracts</p> <p>Border control:                      control lesson (testing, interview on situational tasks                      assessment : -exam</p>

**Explanation.** Students receive theoretical knowledge on the subject at lectures, practical classes, and by participating in the department's research work. Clinical practical classes are used to consolidate and control the acquired material. The training process uses interactive forms of training: classes at the simulation and certification center, business games, computer simulations, small group method, etc. Practical application of theoretical material in everyday work is logical in the process of

cognition, helps to acquire practical skills and abilities. In the process of working with patients at the reception, at home and in the day hospital, students consolidate and improve the basics of patient examination, skills in interpreting the results of clinical, laboratory and instrumental examination, formulating a clinical diagnosis, prescribing an examination and treatment plan, issues of examination of ability to work and medical examination, medical deontology, medical ethics.

**Current monitoring** is carried out at each clinical practical lesson and includes an assessment of the theoretical knowledge and practical skills developed by students during the lesson and includes: oral and test survey, solving situational problems; monitoring the acquisition of practical skills (interpretation of clinical, laboratory and instrumental examination results, formulation of a clinical diagnosis, drawing up a plan for examination and treatment of the patient), a duty report with a patient's report (complaints, medical history, life history, physical examination data, formulation and justification of a clinical diagnosis, diagnostics, differential diagnostics, treatment taking into account individual characteristics).

**The entrance control** is carried out at the first lesson, is designed to determine the level of preparedness of students and includes testing on previously completed disciplines.

**Midterm assessment** includes control classes and consists of an assessment of the practical skills, abilities and theoretical knowledge developed by students during the course of classes.

**The midterm assessment** includes an exam in the 12th semester and consists of an assessment of the theoretical knowledge and practical skills developed by students during the course of the course and includes: a practical part (interpretation of laboratory and instrumental indicators (blood and urine tests, ECG, X-ray, etc.), filling out medical documentation, writing prescriptions, as well as passing practical skills in the Simulation and Certification Center), and a theoretical part - an oral answer to an examination ticket consisting of 2 theoretical questions and a situational task.

## II . Structure and content of the discipline

program for the discipline : "Polyclinic Therapy" for students of the Faculty of Medicine includes theoretical (lecture course) and practical training (clinical practical classes). The training is conducted over four semesters and includes 62 lecture hours, 154 hours of classroom practical training and 108 hours of extracurricular independent work. Exam (36 hours in the XII semester. Total 360 hours.

### 2.1 . Scope of the discipline and types of educational activities

Types of educational work	Total hours	Semesters			
		9	10	11	12
Lectures	62	14	14	20	14
Clinical practical classes	160	34	34	52	40
Independent work of students	102	24	24	36	18
Exam	36				36
Total labor intensity in hours	360	72	72	108	108
Total workload in credit units	10				

**Explanation: the training** program for the discipline "Outpatient Therapy" for students of the Faculty of Medicine includes theoretical (lecture course) and practical training (practical classes).

## 2.2. Thematic plan of lectures and their brief content

№ p /p	Lecture topics and their summary ( IX - X semester )	Codes of formed competencies	Work.
1	Organization of medical and preventive care in a polyclinic setting: <ul style="list-style-type: none"> <li>• principles of organizing primary health care for the population, including persons entitled to receive additional social services</li> <li>• organization of the therapeutic service of the polyclinic</li> <li>• district principle of providing medical care to the population</li> <li>• organization of work of a local general practitioner, main types of his activities</li> </ul>	UC-1.3 GPC-2,4,5,6,7, 8.11 PC-1-14	2
2	Tasks and organization of examination of working capacity in a polyclinic: <ul style="list-style-type: none"> <li>• the concept of "expert"</li> <li>• "temporary disability examination"</li> <li>• "temporary disability"</li> <li>• "permanent disability"</li> <li>• regulatory documents governing the organization and conduct of temporary disability examinations in medical institutions</li> <li>• principles of conducting examination of temporary disability due to illnesses and injuries</li> </ul>	UC-3 GPC-8.11 PC-1-14	2
3	Principles of early diagnosis, treatment, prevention and assessment of working capacity for acute respiratory viral infections: <ul style="list-style-type: none"> <li>• Features of clinical manifestations of influenza and other respiratory infections</li> <li>• differential diagnostics in the clinic</li> <li>• treatment</li> <li>• indications for hospitalization</li> <li>• temporary disability examination</li> <li>• criteria for recovery and restoration of working capacity</li> <li>• primary prevention</li> </ul>	UC-1 GPC-2,4,5,7,11 PC-1-14	2
4	Principles of early diagnosis, treatment, prevention and assessment of working capacity in acute bronchitis: <ul style="list-style-type: none"> <li>• clinic</li> <li>• diagnostics</li> <li>• differential diagnostics</li> <li>• temporary disability examination</li> <li>• criteria for restoration of working capacity</li> </ul>	UC-1 GPC-2,4,5,7,11 PC-1-14	2

	<ul style="list-style-type: none"> <li>indications for employment</li> <li>primary and secondary prevention</li> </ul>		
5	<p>Abdominal pain syndrome. Diagnostic principles, differential diagnostics, EVN. Tactics of the local therapist:</p> <ul style="list-style-type: none"> <li>causes of abdominal pain, their main features</li> <li>importance in the difference in the nature of pain, its localization, connection with food intake, concomitant dyspeptic disorders</li> <li>concept of dyspepsia , types</li> <li>doctor's tactics in a polyclinic</li> </ul>	UC-1 GPC-2,4,5,7,11 PC-1-14	2
6	<p>Principles of early diagnosis, treatment, prevention and assessment of working capacity for chronic gastritis and peptic ulcer disease in outpatient settings:</p> <ul style="list-style-type: none"> <li>clinical diagnostic criteria of gastritis and ulcer disease</li> <li>volume of examination in the clinic</li> <li>complications</li> <li>differentiated treatment taking into account the type of gastritis</li> <li>diet, drug and non-drug therapy</li> <li>temporary disability, its optimal terms, factors influencing the duration of temporary disability</li> <li>criteria for recovery and restoration of working capacity</li> <li>clinical examination</li> </ul>	UC-1 GPC-2,4,5,7,11 PC-1-14	2
7	<p>Principles of spa selection and treatment of the main most common diseases:</p> <ul style="list-style-type: none"> <li>Sanatorium and resort treatment as a stage of medical rehabilitation</li> <li>advantages and disadvantages of spa treatment</li> <li>regulatory documents on spa treatment</li> <li>indications and contraindications for spa treatment</li> </ul>	UC-1 GPC-2,4,5,7,8,11 PC-1-14	2
8	<p>Hypertension , the activities of a local physician when detecting hypertension, differential diagnostics, issues of medical examination and EVI:</p> <ul style="list-style-type: none"> <li>classification of arterial hypertension</li> <li>opportunities for examination in the clinic to AIdentify the causes of arterial hypertension</li> <li>differential diagnosis</li> <li>EVN</li> <li>clinical examination.</li> </ul>	UC-1 GPC-2,4,5,7,11 PC-1z14	2
9	<p>Differential diagnosis of chest pain in outpatient settings, issues of medical examination and EVN:</p> <ul style="list-style-type: none"> <li>differential diagnosis of chest pain of coronary and non-coronary origin</li> </ul>	UC-1 GPC-2,4,5,7,11	2

	<ul style="list-style-type: none"> <li>the importance of assessing the nature, duration, localization of pain, its relation to various medications</li> <li>the possibility of examination in a clinic to verify the diagnosis.</li> </ul>		
10	<p>Principles of early diagnosis, treatment, prevention and assessment of working capacity in NCD:</p> <ul style="list-style-type: none"> <li>differential diagnostics</li> <li>scope of examination</li> <li>Basic principles of treatment</li> <li>examination of temporary disability, its duration</li> <li>labor forecast and medical examination</li> </ul>	UC-1 GPC-2,4,5,7,11 PC-1-14	2
11	<p>Principles of early diagnosis, treatment, prevention and assessment of working capacity in myocarditis:</p> <ul style="list-style-type: none"> <li>main clinical syndromes</li> <li>examination methods for establishing a diagnosis</li> <li>indications for hospitalization.</li> <li>treatment in a polyclinic setting</li> <li>Expertise of working capacity. Labor forecast</li> <li>clinical examination</li> <li>secondary prevention</li> </ul>	UC-1 GPC-2,4,5,7,11 PC-1-14	2
12	<p>Differential diagnosis of urinary syndrome in outpatient settings. Principles of early diagnosis, treatment, prevention and assessment of working capacity:</p> <ul style="list-style-type: none"> <li>definition of the term "urinary syndrome"</li> <li>types of urinary sediment disorders</li> <li>renal diseases that occur with the development of urinary syndrome</li> <li>Possibilities and importance of laboratory and instrumental research methods in the clinic</li> <li>differential diagnostics</li> </ul>	UC-1 GPC-2,4,5,7,11 PC-1-14	2
13	<p>Chronic hepatitis:</p> <ul style="list-style-type: none"> <li>clinical diagnostic criteria</li> <li>treatment at the outpatient stage</li> <li>clinical examination.</li> <li>EVN</li> </ul>	UC-1 GPC-2,4,5,7,11 PC-1-14	2
14	<p>Liver cirrhosis:</p> <ul style="list-style-type: none"> <li>Clinical and diagnostic criteria</li> <li>treatment at the outpatient-polyclinic stage</li> </ul>	UC-1 GPC-2,4,5,7,11 PC-1-14	2

	<ul style="list-style-type: none"> <li>• clinical examination</li> <li>• EVN</li> </ul>		
Total hours			28

<b>№ p /p</b>	<b>Lecture topics ( XI - XII semester)</b>		<b>Work</b>
1	Organization of the work of a general practitioner: <ul style="list-style-type: none"> <li>• organization of the therapeutic service of the polyclinic</li> <li>• the role of the general practitioner in the early diagnosis of diseases</li> <li>• modern examination and treatment options in the clinic</li> <li>• General practitioner documentation</li> <li>• regulatory documentation</li> </ul>	UC-1 GPC-2,4,5,6,7, 8.11 PC-1-14	2
2	Assessment of work capacity as one of the functional responsibilities of a clinic doctor: <ul style="list-style-type: none"> <li>• principles of conducting examination of working capacity in case of illnesses, injuries, rehabilitation and restorative treatment</li> <li>• issues of organizing EVN in outpatient and polyclinic institutions</li> <li>• regulatory documentation</li> <li>• functions of the attending physician in conducting EVN</li> <li>• the concept of "attending physician"</li> </ul>	UC-3 GPC-8.11 PC-1-14	2
3	Key aspects of medical examination of the adult population: <ul style="list-style-type: none"> <li>• goals and objectives of medical examination and dispensary observation</li> <li>• content of dispensary appointments, frequency, duration</li> <li>• determination of the scope of examination and treatment during dispensary observation</li> <li>• performance criteria "D" of observation</li> </ul>	UC-3 GPC-8.11 PC-1-14	2
4	Preventive counseling as part of medical examination of the adult population. General principles: <ul style="list-style-type: none"> <li>• General principles of preventive counseling</li> <li>• ABC of effective motivational counseling</li> <li>• options for preventive counseling</li> <li>• algorithms for preventive counseling</li> <li>• Basic principles of conducting patient schools</li> </ul>	UC-3 GPC-8.11 PC-1-14	2
5	Gerontology . On the specifics of diagnostics and treatment of somatic pathology in elderly and senile people: <ul style="list-style-type: none"> <li>• Features of diagnostics of elderly and senile persons</li> <li>• issues of treatment of the most common diseases at this age</li> </ul>	UC-1 GPC-2,4,5,7,11 PC-1-14	2

	<ul style="list-style-type: none"> <li>• questions of examination and medical examination</li> </ul>		
6	<p>Features of the course and treatment of gastrointestinal diseases in the elderly and old age:</p> <ul style="list-style-type: none"> <li>• issues of involuntional changes in the digestive tract system in old and senile age</li> <li>• clinical features, course, diagnosis and treatment of chronic gastritis, peptic ulcer, liver and pancreas diseases</li> <li>• indications for hospitalization</li> <li>• outpatient treatment</li> <li>• principles of medical and social expertise</li> </ul>	UC-1 GPC-2,4,5,7,11 PC-1-14	2
7	<p>Community-acquired pneumonia:</p> <ul style="list-style-type: none"> <li>• principles of early diagnosis and treatment in outpatient settings</li> <li>• examination of working capacity</li> <li>• clinical examination</li> </ul>	UC-1 GPC-2,4,5,7,11 PC-1-14	2
8	<p>Broncho-obstructive syndrome in the practice of a polyclinic doctor:</p> <ul style="list-style-type: none"> <li>• COPD. Basic principles of early diagnosis</li> <li>• Features of the course and treatment of diseases of the bronchopulmonary system in the elderly and old age</li> <li>• indications for hospitalization</li> <li>• EVN and medical examination</li> </ul>	UC-1 GPC-2,4,5,7,11 PC-1-14	2
9	<p>Bronchial asthma:</p> <ul style="list-style-type: none"> <li>• principles of early diagnosis and treatment in outpatient settings</li> <li>• indications for hospitalization</li> <li>• criteria for discharge to work</li> <li>• EVN and medical examination</li> </ul>	UC-1 GPC-2,4,5,7,11 PC-1-14	2
10	<p>Symptomatic hypertension:</p> <ul style="list-style-type: none"> <li>• Principles of early diagnosis and treatment in outpatient settings</li> <li>• differential diagnostics</li> <li>• examination of working capacity</li> <li>• indications for hospitalization</li> <li>• criteria for discharge to work</li> <li>• clinical examination</li> </ul>	UC-1 GPC-2,4,5,7,11 PC-1-14	2
11	<p>Rehabilitation of patients who have suffered a myocardial infarction in a polyclinic:</p> <ul style="list-style-type: none"> <li>• the concept of "rehabilitation", types of rehabilitation</li> <li>• principles of rehabilitation system for myocardial infarction</li> </ul>	UC-1 GPC-2,4,5,7,11 PC-1-14	2

	<ul style="list-style-type: none"> <li>• phases of rehabilitation of patients with OM</li> <li>• contraindications for the sanatorium stage of rehabilitation</li> <li>• Features of medical rehabilitation at each phase</li> <li>• Features of psychological rehabilitation and physical rehabilitation.</li> <li>• program for monitoring a patient upon discharge from a hospital, cardiology sanatorium</li> <li>• clinical examination.</li> </ul>		
12	Congestive heart failure. Principles of early diagnosis and treatment in outpatient settings. Expertise of working capacity .	UC-1 GPC-2,4,5,7,11 PC-1-14	2
13	Chronic glomerulonephritis: <ul style="list-style-type: none"> <li>• clinical variants and their manifestations</li> <li>• principles of early diagnosis and treatment in outpatient settings</li> <li>• indications for hospitalization</li> <li>• examination of working capacity</li> <li>• clinical examination.</li> </ul>	UC-1 GPC-2,4,5,7,11 PC-1-14	2
14	Chronic cholecystitis: <ul style="list-style-type: none"> <li>• clinical diagnostic criteria</li> <li>• differential diagnosis</li> <li>• principles of early diagnosis and treatment in outpatient settings</li> <li>• examination of working capacity</li> <li>• clinical examination.</li> </ul>	UC-1 GPC-2,4,5,7,11 PC-1-14	2
15	Chronic pancreatitis: <ul style="list-style-type: none"> <li>• the main reasons causing chronic pancreatitis</li> <li>• principles of early diagnosis and treatment in outpatient settings</li> <li>• examination of working capacity</li> <li>• clinical examination</li> </ul>	UC-1 GPC-2,4,5,7,11 PC- 1-14	2
16	Prolonged subfebrile temperature in the practice of a polyclinic therapist: <ul style="list-style-type: none"> <li>• the main causes of subfebrile temperature</li> <li>• differential diagnostics</li> <li>• principles of early diagnosis at the outpatient stage</li> <li>• therapist tactics for prolonged subfebrile fever in patients</li> <li>• indications for hospitalization</li> </ul>	UC-1 GPC-2,4,5,7,11 PC-1-14	2

17	Differential diagnosis of joint syndrome in outpatient settings: <ul style="list-style-type: none"> <li>inflammatory and non-inflammatory diseases of the joints</li> <li>the role of clinical, radiological and laboratory data for the diagnosis of various joint diseases</li> <li>principles of early diagnosis, treatment</li> <li>examination of working capacity.</li> <li>Clinical examination</li> </ul>	UC-1 GPC-2,4,5,7,11 PC-1-14	2
<b>Total hours</b>			34

### 2.3. Thematic plan of practical classes and their content

1 X - X semesters				
№ p /p	Name of the topics of practical classes	Contents of practical classes	Codes generated by the computer tendencies	View control
1	Organization of medical and preventive care in a polyclinic setting .	<p><b>Theoretical part :</b> principles of organizing primary health care for the population, organization of the therapeutic service of the polyclinic; district principle of providing medical care to the population;</p> <p><b>Practical part :</b> Correctly fill out medical documentation. Working with regulatory documents</p>	UC 1 ; AI 1.1-1.6; UC3, AI 3.1-3.4 GPC-2 AI 2.1-2.7; GPC 4 ,AI 4.1-4.5 GPC5, AI 5.1-5.6; GPC 6 , AI 6.1-6.4 GPC 7 ; AI 7.1-7.7; GPC 8, AI 8.1-8.4 GPC11, AI11.1-11.5; PC-1, AI 1.1-1.6; PC 2, AI 2.1-2.5 PC3, AI 3.1-3.6; PC 4, AI 4.1-4.3 PK5, AI 5.1-5.5; PK 6, AI 6.1-6.2 PC 7, AI 7.1-7.4; PC8, AI8.1-8.4 PC 9 , AI 9.1-9.4; PC10, AI 10.1-10.3 PK11, AI11.1-11.6; PK12, AI12.1-12.3 PK13, AI13.1-13.2; PC-14, AI 14.1-14.3	Testing Frontal survey Interactive survey
2	Features of the work of a district general practitioner. Features of providing medical care to persons entitled to additional social assistance. The procedure for writing	<p><b>Theoretical part :</b> organization of work of the local general practitioner</p> <p><b>Practical part:</b> Be able to correctly fill out medical documentation: outpatient card of a patient (form No. 025u-04), certificate of incapacity for work, control card of a patient registered with a dispensary (No. 095/u), referral to the Medical and Social Expertise (No. 088/u-97), referral for hospitalization (No. 070/u-04),</p>	UC 1 ; AI 1.1-1.6; UC3, AI3.1-3.4 GPC-2 AI 2.1-2.7; GPC 4 , AI 4.1-4.5 GPC5, AI 5.1-5.6; GPC6AI 6.1-6.4 GPC 7 ; AI 7.1-7.7; GPC8, AI 8.1-8.4 GPC11, AI11.1-11.5; PK-1, AI 1.1-1.6; PK 2 , AI 2.1-2.5 PK3, AI 3.1-3.6; PK 4 , AI 4.1-4.3	Testing Frontal survey Interactive survey

	prescriptions by a district general practitioner.	registration card for additional medical examination of an employee ( No. 131 / u-DD), emergency notification of an acutely contagious patient (No. 058-u), passport of a medical station (No. 030/u-ter), doctor's diary (No. 039-u), sanatorium and resort card (No. 072/u-04), etc.	PK5, AI 5.1-5.5; PK 6 , AI 6.1-6.2 PK 7 , AI 7.1-7.4; PK8, AI8.1-8.4 PK 9 , AI 9.1-9.4; PK10, AI 10.1-10.3 PK11, AI11.1-11.6; PK12, AI12.1-12.3 PK13,AI13.1-13.2;PC-14,AI 14.1-14.3	
3	Tasks and organization of examination of working capacity in the clinic. Procedure for issuing and registration of sick leave certificates abilities	<b>Theoretical part:</b> Regulatory documents governing the organization and conduct of temporary disability examinations in medical institutions . Principles for conducting temporary disability examinations due to illnesses and injuries. <b>Practical part :</b> issue documents certifying temporary disability. Draw up an Individual Plan of Action for a disabled person	UC 1 ;AI 1.1-1.6;UC3,AI3.1-3.4 GPC-2 AI 2.1-2.7; GPC 4 , AI 4.1-4.5 GPC5,AI 5.1-5.6;GPC6AI 6.1-6.4 GPC 7 ; AI 7.1-7.7; GPC8, AI 8.1-8.4 GPC11,AI11.1-11.5; PC-1, AI 1.1-1.6; PC 2 , AI 2.1-2.5 PK3, AI 3.1-3.6; PK 4 , AI 4.1-4.3 PK5, AI 5.1-5.5; PK6 , AI 6.1-6.2 PK 7 , AI 7.1-7.4; PK8, AI 8.1-8.4 PK 9 , AI 9.1-9.4; PK10, AI 10.1-10.3 PK11, AI11.1-11.6; PK12, AI12.1-12.3 PK13,AI13.1-13.2;PC-14,AI 14.1-14.3	Testing Frontal survey Interactive survey
4	Hypertension , the activities of a local physician in detecting hypertension, differential diagnostics, issues of medical examination and EVN	<b>Theoretical part:</b> Classification of arterial hypertension. Causes of increased blood pressure: functional diseases, hypertension, symptomatic hypertension. Possibilities for examination in a polyclinic to AIdentify the causes of arterial hypertension. Differential diagnosis of neurocirculatory dystonia, hypertension, symptomatic <b>Practical part :</b> 1. Interpret complaints, medical history, life history and objective examination data in patients 2. AIdentify the main symptoms of the disease 3. According to the standard, draw up a survey plan and evaluate the results of additional surveys 4. Formulate and justify a clinical diagnosis in accordance with the modern classification 5. Prescribe treatment to the patient according to the standard and taking into account individual characteristics.	UC 1 ; AI 1.1-1.6; UC3, AI3.1-3.4 GPC-2 AI 2.1-2.7; GPC 4 , AI 4.1-4.5 GPC5, AI 5.1-5.6; GPC6AI 6.1-6.4 GPC 7 ; AI 7.1-7.7; GPC8, AI 8.1-8.4 GPC11, AI11.1-11.5; PK-1, AI 1.1-1.6; PK 2 , AI 2.1-2.5 PK3, AI 3.1-3.6; PK 4 , AI 4.1-4.3 PK5, AI 5.1-5.5; PK 6 , AI 6.1-6.2 PK 7 , AI 7.1-7.4; PK8, AI8.1-8.4 PK 9 , AI 9.1-9.4; PK10, AI 10.1-10.3 PK11, AI11.1-11.6; PK12, AI12.1-12.3 PK13,AI13.1-13.2;PC-14,AI 14.1-14.3	Testing Frontal survey Interactive survey

		<p>6. Write prescriptions for medications and describe the main groups of drugs included in treatment regimens</p> <p>7. Justify prevention methods and give recommendations to the patient on diet and a healthy lifestyle.</p> <p>8. Obtain a referral for hospitalization.</p> <p>9. Obtain a certificate of incapacity for work</p> <p>10. Make a plan for dispensary observation</p> <p>11. Make a plan for examining the patient</p> <p>12. Obtain an outpatient card</p>		
5	<p>Chronic hepatitis. Clinical and diagnostic criteria . Treatment at the outpatient and polyclinic stage . Medical examination. Issues of examination of working capacity</p>	<p><b>Theoretical part :</b> Clinical and diagnostic criteria. Differential diagnosis. Course. Outcomes. Outpatient treatment. Indications for hospitalization. Factors affecting the duration of TD. Criteria for recovery and restoration of working capacity. Rational employment. Medical examination</p> <p><b>Practical part :</b></p> <ol style="list-style-type: none"> <li>1. Interpret complaints, medical history, life history and objective examination data in patients</li> <li>2. Identify the main symptoms of the disease</li> <li>3. According to the standard, draw up a survey plan and evaluate the results of additional surveys</li> <li>4. Formulate and justify a clinical diagnosis in accordance with the modern classification</li> <li>5. Prescribe treatment to the patient according to the standard and taking into account individual characteristics.</li> <li>6. Write prescriptions for medications and describe the main groups of drugs included in treatment regimens</li> <li>7. Justify prevention methods and give recommendations to the patient on diet and a healthy lifestyle.</li> <li>8. Obtain a referral for hospitalization.</li> <li>9. Issue a sick leave certificate</li> <li>10. Make a plan for dispensary observation</li> </ol>	<p>UC 1 ;AI 1.1-1.6;UC3,AI3.1-3.4 GPC-2 AI 2.1-2.7;GPC 4 ,AI 4.1-4.5 GPC5,AI 5.1-5.6;GPC6AI 6.1-6.4 GPC 7 ;AI 7.1-7.7;GPC8,AI 8.1-8.4 GPC11, AI11.1-11.5; PC-1, AI 1.1-1.6; PC 2 , AI 2.1-2.5 PK3, AI 3.1-3.6; PK 4 , AI 4.1-4.3 PK5, AI 5.1-5.5; PK 6 , AI 6.1-6.2 PK 7 , AI 7.1-7.4; PK8, AI8.1-8.4 PC 9 , AI 9.1-9.4; PC10, AI 10.1-10.3 PK11, AI11.1-11.6; PK12, AI12.1-12.3 PK13,AI13.1-13.2;PC-14,AI 14.1-14.3</p>	<p>Testing Frontal survey Interactive survey</p>

		11. Make a plan for examining the patient 12. Obtain an educational outpatient card		
6	Liver cirrhosis . Towards clinical diagnostics cheskie crite rii . Treatment at the outpatient-polyclinic stage. Medical examination. Issues of examination of working capacity.	<b>Theoretical part:</b> Main clinical syndromes. Methods of examination for establishing a diagnosis. Indications for hospitalization. Treatment in a polyclinic. Expertise of working capacity. Labor forecast. Employment <b>Practical part :</b> 1. Interpret complaints, medical history, life history and objective examination data in patients 2. AIdentify the main symptoms of the disease 3. According to the standard, draw up a survey plan and evaluate the results of additional surveys 4. Formulate and justify a clinical diagnosis in accordance with the modern classification 5. Prescribe treatment to the patient according to the standard and taking into account indivAIual characteristics. 6. Write prescriptions for medications and describe the main groups of drugs included in treatment regimens 7. Justify prevention methods and give recommendations to the patient on diet and a healthy lifestyle. 8. Obtain a referral for hospitalization. 9. Obtain a certificate of incapacity for work 10. Make a plan for dispensary observation 11. Make a plan for examining the patient 12. Obtain an educational outpatient card	UC 1 ;AI 1.1-1.6;UC3,AI3.1-3.4 GPC-2 AI 2.1-2.7;GPC 4 ,AI 4.1-4.5 GPC5,AI 5.1-5.6;GPC6AI 6.1-6.4 GPC 7 ;AI 7.1-7.7;GPC8,AI 8.1-8.4 GPC11, AI11.1-11.5; PC-1, AI 1.1-1.6; PC 2 , AI 2.1-2.5 PK3, AI 3.1-3.6; PK 4 , AI 4.1-4.3 PK5, AI 5.1-5.5; PK 6 , AI 6.1-6.2 PK 7 , AI 7.1-7.4; PK8, AI8.1-8.4 PC 9 , AI 9.1-9.4; PC10, AI 10.1-10.3 PK11, AI11.1-11.6; PK12, AI12.1-12.3 PK13,AI13.1-13.2;PC-14,AI 14.1-14.3	Testing Frontal survey Interactive survey
7	Principles of early diagnosis, treatment, prevention and assessment of working capacity in chronic gastritis	<b>Theoretical part:</b> Clinical and diagnostic criteria. Scope of examination in a polyclinic. Complications. Differentiated treatment depending on the type of gastritis. Diet, drug and non-drug therapy. Anti- relapse treatment. Temporary disability, its optimal terms. Factors affecting the duration of TD. Criteria for recovery and restoration of working capacity. Rational employment.	UC 1 ; AI 1.1-1.6; UC3, AI3.1-3.4 GPC-2 AI 2.1-2.7; GPC 4 , AI 4.1-4.5 GPC5, AI 5.1-5.6; GPC6AI 6.1-6.4 GPC 7 ; AI 7.1-7.7; GPC8, AI 8.1-8.4 GPC11, AI11.1-11.5; PK-1, AI 1.1-1.6; PK 2 , AI 2.1-2.5 PK3, AI 3.1-3.6; PK 4 , AI 4.1-4.3	Testing Frontal survey Interactive survey

		<p>Indications for referral to medical and social examination. Medical examination. Prevention.</p> <p><b>Practical part:</b></p> <ol style="list-style-type: none"> <li>1. Interpret complaints, medical history, life history and objective examination data in patients</li> <li>2. Identify the main symptoms of the disease</li> <li>3. According to the standard, draw up a survey plan and evaluate the results of additional surveys</li> <li>4. Formulate and justify a clinical diagnosis in accordance with the modern classification</li> <li>5. Prescribe treatment to the patient according to the standard and taking into account individual characteristics.</li> <li>6. Write prescriptions for medications and describe the main groups of drugs included in treatment regimens</li> <li>7. Justify prevention methods and give recommendations to the patient on diet and a healthy lifestyle.</li> <li>8. Obtain a referral for hospitalization.</li> <li>9. Obtain a certificate of incapacity for work</li> <li>10. Make a plan for dispensary observation</li> <li>11. Make a plan for examining the patient</li> <li>12. Obtain an educational outpatient card</li> </ol>	<p>PK5, AI 5.1-5.5; PK 6 , AI 6.1-6.2          PK 7 , AI 7.1-7.4; PK8, AI8.1-8.4          PK 9 , AI 9.1-9.4; PK10, AI 10.1-10.3          PK11, AI11.1-11.6; PK12, AI12.1-12.3          PK13, AI13.1-13.2; PC-14, AI 14.1-14.3</p>	
8	Principles of early diagnosis, treatment, prevention and assessment of working capacity in peptic ulcer disease.	<p><b>Theoretical part :</b></p> <p>Clinical and diagnostic criteria of peptic ulcer disease. Extent of examination in the clinic. Complications. Anti-relapse treatment. Temporary disability, its optimal terms. Factors affecting the duration of TD. Criteria for recovery and restoration of working capacity.</p> <p><b>Practical part :</b></p> <ol style="list-style-type: none"> <li>1. Interpret complaints, medical history, life history and objective examination data in patients</li> <li>2. Identify the main symptoms of the disease</li> <li>3. According to the standard, draw up a survey plan and evaluate the results of additional surveys</li> </ol>	<p>UC 1 ;AI 1.1-1.6; UC3, AI3.1-3.4          GPC-2 AI 2.1-2.7; GPC 4 ,AI 4.1-4.5          GPC5, AI 5.1-5.6; GPC6 AI 6.1-6.4          GPC 7 ;AI 7.1-7.7; GPC8, AI 8.1-8.4          GPC11, AI11.1-11.5;          PC-1, AI 1.1-1.6; PC 2 , AI 2.1-2.5          PK3, AI 3.1-3.6; PK 4 , AI 4.1-4.3          PK5, AI 5.1-5.5; PK 6 , AI 6.1-6.2          PK 7 , AI 7.1-7.4; PK8, AI8.1-8.4          PC 9 , AI 9.1-9.4; PC10, AI 10.1-10.3          PK11, AI11.1-11.6; PK12, AI12.1-12.3          PK13, AI13.1-13.2; PC-14, AI 14.1-14.3</p>	<p>Testing          Frontal survey          Interactive survey</p>

		<p>4. Formulate and justify a clinical diagnosis in accordance with the modern classification</p> <p>5. Prescribe treatment to the patient according to the standard and taking into account individual characteristics.</p> <p>6. Write prescriptions for medications and describe the main groups of drugs included in treatment regimens</p> <p>7. Justify prevention methods and give recommendations to the patient on diet and a healthy lifestyle.</p> <p>8. Obtain a referral for hospitalization.</p> <p>9. Obtain a certificate of incapacity for work</p> <p>10. Make a plan for dispensary observation</p> <p>11. Make a plan for examining the patient</p> <p>12. Obtain an educational outpatient card</p>		
9	Abdominal pain syndrome, differential diagnostics. Principles of diagnostics, treatment, EVN	<p><b>Theoretical part :</b> Causes of abdominal pain, their main features. The importance of the difference in the nature of pain, its localization, connection with food intake, concomitant dyspeptic disorders. The concept of dyspepsia. Types . Physician's tactics in a polyclinic.</p> <p><b>Practical part :</b></p> <ol style="list-style-type: none"> <li>1. Interpret complaints, medical history, life history and objective examination data in patients</li> <li>2. Identify the main symptoms of the disease</li> <li>3. According to the standard, draw up a survey plan and evaluate the results of additional surveys</li> <li>4. Formulate and justify a clinical diagnosis in accordance with the modern classification</li> <li>5. Prescribe treatment to the patient according to the standard and taking into account individual characteristics.</li> <li>6. Write prescriptions for medications and describe the main groups of drugs included in treatment regimens</li> <li>7. Justify prevention methods and give recommendations to the patient on diet and a healthy lifestyle.</li> </ol>	<p>UC 1 ; AI 1.1-1.6; UC3, AI 3.1-3.4 GPC-2 AI 2.1-2.7; GPC 4 , AI 4.1-4.5 GPC5, AI 5.1-5.6; GPC 6AI 6.1-6.4 GPC 7 ; AI 7.1-7.7; GPC 8, AI 8.1-8.4 GPC11, AI11.1-11.5; PK-1, AI 1.1-1.6; PK 2, AI 2.1-2.5 PK3, AI 3.1-3.6; PK 4, AI 4.1-4.3 PK5, AI 5.1-5.5; PK 6, AI 6.1-6.2 PK 7 , AI 7.1-7.4; PK 8, AI8.1-8.4 PK 9 , AI 9.1-9.4; PK10, AI 10.1-10.3 PK11, AI11.1-11.6; PK12, AI12.1-12.3 PK13,AI13.1-13.2;PC-14,AI 14.1-14.3</p>	<p>Testing Frontal survey Interactive survey</p>

		8. Obtain a referral for hospitalization. 9. Obtain a certificate of incapacity for work 10. Make a plan for dispensary observation 11. Make a plan for examining the patient 12. Obtain an educational outpatient card		
10	Control lesson by sections	Checking the acquisition of competencies (testing, interviews on situational tasks)		Rubicon
11	Principles of early diagnosis, treatment, prevention and assessment of working capacity in acute bronchitis	<p><b>Theoretical part :</b>          Clinic. Diagnostics. Differential diagnostics. Temporary disability examination. Criteria for restoration of working capacity. Indications for employment.</p> <p><b>Practical part :</b></p> <ol style="list-style-type: none"> <li>1. Interpret complaints, medical history, life history and objective examination data in patients</li> <li>2. Identify the main symptoms of the disease</li> <li>3. According to the standard, draw up a survey plan and evaluate the results of additional surveys</li> <li>4. Formulate and justify a clinical diagnosis in accordance with the modern classification</li> <li>5. Prescribe treatment to the patient according to the standard and taking into account individual characteristics.</li> <li>6. Write prescriptions for medications and describe the main groups of drugs included in treatment regimens</li> <li>7. Justify prevention methods and give recommendations to the patient on diet and a healthy lifestyle.</li> <li>8. Obtain a referral for hospitalization.</li> <li>9. Obtain a certificate of incapacity for work</li> <li>10. Make a plan for dispensary observation</li> <li>11. Make a plan for examining the patient</li> <li>12. Obtain an educational outpatient card</li> </ol>	UC 1 ;AI 1.1-1.6;UC3,AI3.1-3.4 GPC-2 AI 2.1-2.7;GPC 4 ,AI 4.1-4.5 GPC5,AI 5.1-5.6;GPC6AI 6.1-6.4 GPC 7 ;AI 7.1-7.7;GPC8,AI 8.1-8.4 GPC11, AI11.1-11.5; PC-1, AI 1.1-1.6; PC 2 , AI 2.1-2.5 PK3, AI 3.1-3.6; PK 4 , AI 4.1-4.3 PK5, AI 5.1-5.5; PK 6 , AI 6.1-6.2 PK 7 , AI 7.1-7.4; PK8, AI8.1-8.4 PC 9 , AI 9.1-9.4; PC10, AI 10.1-10.3 PK11, AI11.1-11.6; PK12, AI12.1-12.3 PK13,AI13.1-13.2;PC-14,AI 14.1-14.3	Testing Frontal survey Interactive survey
12	Primary and secondary prevention is one of the	<p><b>Theoretical part:</b>          Types of prevention.</p>	UC 1 ; AI 1.1-1.6; UC3, AI3.1-3.4 GPC-2 AI 2.1-2.7; GPC 4 , AI 4.1-4.5	Testing Frontal survey

	main tasks of the local therapist	<p>Formation of a healthy lifestyle (HLS).          Polyclinics are the leading link in medical prevention.          Tasks of prevention in primary care.          Methods and means of hygienic training and education of the patient.</p> <p><b>Practical part:</b>          Prepare a health school for patients . And prepare visual materials (memos for patients) ta .b brochures, presentation, etc.)</p>	<p>GPC5, AI 5.1-5.6; GPC6AI 6.1-6.4          GPC 7 ; AI 7.1-7.7; GPC8, AI 8.1-8.4          GPC11, AI11.1-11.5;          PK-1, AI 1.1-1.6; PK 2 , AI 2.1-2.5          PK3, AI 3.1-3.6; PK 4 , AI 4.1-4.3          PK5, AI 5.1-5.5; PK 6 , AI 6.1-6.2          PK 7 , AI 7.1-7.4; PK8, AI8.1-8.4          PK 9 , AI 9.1-9.4; PK10, AI 10.1-10.3          PK11, AI11.1-11.6; PK12, AI12.1-12.3          PK13,AI13.1-13.2;PC-14,AI 14.1-14.3</p>	Interactive survey
13	Organization of preventive medical examinations	<p>Types of preventive medical examinations. Tasks and rules for their organization</p> <ol style="list-style-type: none"> <li>1. Interpret complaints, medical history, life history and objective examination data in patients</li> <li>2. AIdentify the main symptoms of the disease</li> <li>3. According to the standard, draw up a survey plan and evaluate the results of additional surveys</li> <li>4. Formulate and justify a clinical diagnosis in accordance with the modern classification</li> <li>5. Prescribe treatment to the patient according to the standard and taking into account indivAIual characteristics.</li> <li>6. Write prescriptions for medications and describe the main groups of drugs included in treatment regimens</li> <li>7. Justify prevention methods and give recommendations to the patient on diet and a healthy lifestyle.</li> <li>8. Obtain a referral for hospitalization.</li> <li>9. Obtain a certificate of incapacity for work</li> <li>10. Make a plan for dispensary observation</li> <li>11. Make a plan for examining the patient</li> <li>12. Obtain an educational outpatient card</li> </ol>	<p>UC 1 ;AI 1.1-1.6;UC3,AI3.1-3.4          GPC-2 AI 2.1-2.7;GPC 4 ,AI 4.1-4.5          GPC5,AI 5.1-5.6;GPC6AI 6.1-6.4          GPC 7 ;AI 7.1-7.7;GPC8,AI 8.1-8.4          GPC11, AI11.1-11.5;          PC-1, AI 1.1-1.6; PC 2 , AI 2.1-2.5          PK3, AI 3.1-3.6; PK 4 , AI 4.1-4.3          PK5, AI 5.1-5.5; PK 6 , AI 6.1-6.2          PK 7 , AI 7.1-7.4; PK8, AI8.1-8.4          PC 9 , AI 9.1-9.4; PC10, AI 10.1-10.3          PK11, AI11.1-11.6; PK12, AI12.1-12.3          PK13,AI13.1-13.2;PC-14,AI 14.1-14.3</p>	<p>Testing          Frontal survey          Interactive survey</p>

14	Differential diagnosis of chest pain in outpatient settings. Principles of early diagnosis, treatment, prevention and assessment of working capacity.	<p><b>Theoretical part:</b> The importance of assessing the nature, duration, localization of pain, its relation to various medications. Possibilities of examination in a polyclinic to verify the diagnosis.</p> <p><b>Practical part:</b></p> <ol style="list-style-type: none"> <li>1. Interpret complaints, medical history, life history and objective examination data in patients</li> <li>2. Identify the main symptoms of the disease</li> <li>3. According to the standard, draw up a survey plan and evaluate the results of additional surveys</li> <li>4. Formulate and justify a clinical diagnosis in accordance with the modern classification</li> <li>5. Prescribe treatment to the patient according to the standard and taking into account individual characteristics.</li> <li>6. Write prescriptions for medications and describe the main groups of drugs included in treatment regimens</li> <li>7. Justify prevention methods and give recommendations to the patient on diet and a healthy lifestyle.</li> <li>8. Obtain a referral for hospitalization.</li> <li>9. Obtain a certificate of incapacity for work</li> <li>10. Make a plan for dispensary observation</li> <li>11. Make a plan for examining the patient</li> <li>12. Obtain an educational outpatient card</li> </ol>	UC 1 ;AI 1.1-1.6;UC3,AI3.1-3.4 GPC-2 AI 2.1-2.7;GPC 4 ,AI 4.1-4.5 GPC5,AI 5.1-5.6;GPC6AI 6.1-6.4 GPC 7 ;AI 7.1-7.7;GPC8,AI 8.1-8.4 GPC11, AI11.1-11.5; PC-1, AI 1.1-1.6; PC 2 , AI 2.1-2.5 PK3, AI 3.1-3.6; PK 4 , AI 4.1-4.3 PK5, AI 5.1-5.5; PK 6 , AI 6.1-6.2 PK 7 , AI 7.1-7.4; PK8, AI8.1-8.4 PC 9 , AI 9.1-9.4; PC10, AI 10.1-10.3 PK11, AI11.1-11.6; PK12, AI12.1-12.3 PK13,AI13.1-13.2;PC-14,AI 14.1-14.3	Testing Frontal survey Interactive survey
15	Principles of early diagnosis, treatment, prevention and assessment of working capacity in myocarditis	<p><b>Theoretical part:</b> The role of infection in the anamnesis. The main clinical syndromes. The methods of examination for establishing the diagnosis. Indications for hospitalization. Treatment in a polyclinic. Examination of working capacity. Labor prognosis. Employment. Medical examination. Secondary prevention.</p> <p><b>Practical part :</b></p> <ol style="list-style-type: none"> <li>1. Interpret complaints, medical history, life history and objective examination data in patients</li> <li>2. Identify the main symptoms of the disease</li> </ol>	UC 1 ; AI 1.1-1.6; UC3, AI3.1-3.4 GPC-2 AI 2.1-2.7; GPC 4 , AI 4.1-4.5 GPC5, AI 5.1-5.6; GPC6AI 6.1-6.4 GPC 7 ; AI 7.1-7.7; GPC8, AI 8.1-8.4 GPC11, AI11.1-11.5; PK-1, AI 1.1-1.6; PK 2 , AI 2.1-2.5 PK3, AI 3.1-3.6; PK 4 , AI 4.1-4.3 PK5, AI 5.1-5.5; PK 6 , AI 6.1-6.2 PK 7 , AI 7.1-7.4; PK8, AI8.1-8.4 PK 9 , AI 9.1-9.4; PK10, AI 10.1-10.3	Testing Frontal survey Interactive survey

		<ol style="list-style-type: none"> <li>3. According to the standard, draw up a survey plan and evaluate the results of additional surveys</li> <li>4. Formulate and justify a clinical diagnosis in accordance with the modern classification</li> <li>5. Prescribe treatment to the patient according to the standard and taking into account individual characteristics.</li> <li>6. Write prescriptions for medications and describe the main groups of drugs included in treatment regimens</li> <li>7. Justify prevention methods and give recommendations to the patient on diet and a healthy lifestyle.</li> <li>8. Obtain a referral for hospitalization.</li> <li>9. Obtain a certificate of incapacity for work</li> <li>10. Make a plan for dispensary observation</li> <li>11. Make a plan for examining the patient</li> <li>12. Obtain an educational outpatient card</li> </ol>	<p>PK11, AI11.1-11.6; PK12, AI12.1-12.3          PK13, AI13.1-13.2; PC-14, AI 14.1-14.3</p>	
16	Principles of early diagnosis, treatment, prevention and assessment of working capacity in NCD	<p><b>Theoretical part :</b>          Principles of establishing diagnosis. Scope of examination . h character. Treatment. Choice of drug therapy . Examination of temporary disability abilities, its duration. Labor forecast. Medical examination.</p> <p><b>Practical part :</b></p> <ol style="list-style-type: none"> <li>1. Interpret complaints, medical history, life history and objective examination data in patients</li> <li>2. Identify the main symptoms of the disease</li> <li>3. According to the standard, draw up a survey plan and evaluate the results of additional surveys</li> <li>4. Formulate and justify a clinical diagnosis in accordance with the modern classification</li> <li>5. Prescribe treatment to the patient according to the standard and taking into account individual characteristics.</li> <li>6. Write prescriptions for medications and describe the main groups of drugs included in treatment regimens</li> <li>7. Justify prevention methods and give recommendations to the</li> </ol>	<p>UC 1 ;AI 1.1-1.6;UC3,AI3.1-3.4          GPC-2 AI 2.1-2.7;GPC 4 ,AI 4.1-4.5          GPC5,AI 5.1-5.6;GPC6AI 6.1-6.4          GPC 7 ;AI 7.1-7.7;GPC8,AI 8.1-8.4          GPC11, AI11.1-11.5;          PC-1, AI 1.1-1.6; PC 2 , AI 2.1-2.5          PK3, AI 3.1-3.6; PK 4 , AI 4.1-4.3          PK5, AI 5.1-5.5; PK 6 , AI 6.1-6.2          PK 7 , AI 7.1-7.4; PK8, AI8.1-8.4          PC 9 , AI 9.1-9.4; PC10, AI 10.1-10.3          PK11, AI11.1-11.6; PK12, AI12.1-12.3          PK13,AI13.1-13.2;PC-14,AI 14.1-14.3</p>	<p>Testing          Frontal survey          Interactive survey</p>

		<p>patient on diet and a healthy lifestyle.        8. Obtain a referral for hospitalization.        9. Obtain a certificate of incapacity for work        10. Make a plan for dispensary observation        11. Make a plan for examining the patient        12. Obtain an educational outpatient card</p>		
17	Principles of early diagnosis, treatment, prevention and assessment of working capacity in acute respiratory viral infections	<p><b>Theoretical part :</b>        Peculiarities of clinical manifestations of influenza and other respiratory infections . Treatment. Indications for hospitalization. Examination of temporary disability. Criteria for recovery and restoration of working capacity. Primary prevention.</p> <p><b>Practical part:</b>        1. Interpret complaints, medical history, life history and objective examination data in patients        2. AIdentify the main symptoms of the disease        3. According to the standard, draw up a survey plan and evaluate the results of additional surveys        4. Formulate and justify a clinical diagnosis in accordance with the modern classification        5. Prescribe treatment to the patient according to the standard and taking into account indivAIual characteristics.        6. Write prescriptions for medications and describe the main groups of drugs included in treatment regimens        7. Justify prevention methods and give recommendations to the patient on diet and a healthy lifestyle.        8. Obtain a referral for hospitalization.        9. Obtain a certificate of incapacity for work        10. Make a plan for dispensary observation        11. Make a plan for examining the patient        12. Obtain an educational outpatient card</p>	<p>UC 1 ;AI 1.1-1.6;UC3,AI3.1-3.4        GPC-2 AI 2.1-2.7;GPC 4 ,AI 4.1-4.5        GPC5,AI 5.1-5.6;GPC6AI 6.1-6.4        GPC 7 ;AI 7.1-7.7;GPC8,AI 8.1-8.4        GPC11, AI11.1-11.5;        PC-1, AI 1.1-1.6; PC 2 , AI 2.1-2.5        PK3, AI 3.1-3.6; PK 4 , AI 4.1-4.3        PK5, AI 5.1-5.5; PK 6 , AI 6.1-6.2        PK 7 , AI 7.1-7.4; PK8, AI8.1-8.4        PC 9 , AI 9.1-9.4; PC10, AI 10.1-10.3        PK11, AI11.1-11.6; PK12, AI12.1-12.3        PK13,AI13.1-13.2;PC-14,AI 14.1-14.3</p>	<p>Testing        Frontal survey        Interactive survey</p>
18	Differential diagnosis of urinary syndrome in	<p><b>Theoretical part :</b> Collect anamnesis, interview the patient, conduct a physical examination of the patient and AIdentify the</p>	<p>UC 1 ; AI 1.1-1.6; UC3, AI3.1-3.4        GPC-2 AI 2.1-2.7; GPC 4 , AI 4.1-4.5</p>	<p>Testing        Frontal survey</p>

	<p>outpatient settings. Diagnostics, issues of medical examination and examination of working capacity</p>	<p>main objective data. Outline the scope of additional research Formulate a clinical diagnosis Formulate indications for the selected treatment method fill out medical records, write prescriptions Types of urinary sediment disorders. KAIney diseases occurring with the development of urinary syndrome. Possibilities and importance of laboratory and instrumental research methods in the clinic. Differential diagnostics. Criteria for recovery and restoration of working capacity. <b>Practical part:</b> 1. Interpret complaints, medical history, life history and objective examination data in patients 2. AIdentify the main symptoms of the disease 3. According to the standard, draw up a survey plan and evaluate the results of additional surveys 4. Formulate and justify a clinical diagnosis in accordance with the modern classification 5. Prescribe treatment to the patient according to the standard and taking into account indivAIual characteristics. 6. Write prescriptions for medications and describe the main groups of drugs included in treatment regimens 7. Justify prevention methods and give recommendations to the patient on diet and a healthy lifestyle. 8. Obtain a referral for hospitalization. 9. Obtain a certificate of incapacity for work 10. Make a plan for dispensary observation 11. Make a plan for examining the patient 12. Obtain an educational outpatient card</p>	<p>GPC5, AI 5.1-5.6; GPC6AI 6.1-6.4 GPC 7 ; AI 7.1-7.7; GPC8, AI 8.1-8.4 GPC11, AI11.1-11.5; PK-1, AI 1.1-1.6; PK 2 , AI 2.1-2.5 PK3, AI 3.1-3.6; PK 4 , AI 4.1-4.3 PK5, AI 5.1-5.5; PK 6 , AI 6.1-6.2 PK 7 , AI 7.1-7.4; PK8, AI8.1-8.4 PK 9 , AI 9.1-9.4; PK10, AI 10.1-10.3 PK11, AI11.1-11.6; PK12, AI12.1-12.3 PK13,AI13.1-13.2;PC-14,AI 14.1-14.3</p>	<p>Interactive survey</p>
19	<p>Principles of spa selection and treatment of the main most common diseases</p>	<p><b>Theoretical part :</b> 1. Interpret complaints, medical history, life history and objective examination data in patients 2. AIdentify the main symptoms of the disease 3. According to the standard, draw up a survey plan and</p>	<p>UC 1 ;AI 1.1-1.6;UC3,AI3.1-3.4 GPC-2 AI 2.1-2.7;GPC 4 ,AI 4.1-4.5 GPC5,AI 5.1-5.6;GPC6AI 6.1-6.4 GPC 7 ;AI 7.1-7.7;GPC8,AI 8.1-8.4</p>	<p>Testing Frontal survey Interactive survey</p>

		<p>evaluate the results of additional surveys</p> <p>4. Formulate and justify a clinical diagnosis in accordance with the modern classification</p> <p>5. Prescribe treatment to the patient according to the standard and taking into account individual characteristics.</p> <p>6. Write prescriptions for medications and describe the main groups of drugs included in treatment regimens</p> <p>7. Justify prevention methods and give recommendations to the patient on diet and a healthy lifestyle.</p> <p>8. Obtain a referral for hospitalization.</p> <p>9. Obtain a certificate of incapacity for work</p> <p>10. Make a plan for dispensary observation</p> <p>11. Make a plan for examining the patient</p> <p>12. Obtain an educational outpatient card</p>	<p>GPC11, AI11.1-11.5;  PC-1, AI 1.1-1.6; PC 2 , AI 2.1-2.5  PK3, AI 3.1-3.6; PK 4 , AI 4.1-4.3  PK5, AI 5.1-5.5; PK 6 , AI 6.1-6.2  PK 7 , AI 7.1-7.4; PK8, AI8.1-8.4  PC 9 , AI 9.1-9.4; PC10, AI 10.1-10.3  PK11, AI11.1-11.6; PK12, AI12.1-12.3  PK13,AI13.1-13.2;PC-14,AI 14.1-14.3</p>	
20	Control lesson by sections.			Rubicon
	<b>Total hours</b>			68

**X 1- X 11 semesters**

<b>№ p /p</b>	<b>Name of the topics of practical classes</b>	<b>Contents of practical classes</b>	<b>Codes generated by the computer tendencies</b>	Frontal survey
-----------------------	--	--------------------------------------	---	----------------

1	Organization work of a general practitioner	<p><b>Theoretical part :</b> The role of the <b>general practitioner</b> in the early diagnosis of diseases. Documentation of the general practitioner . Normative documentation.</p> <p><b>Practical part :</b></p> <ol style="list-style-type: none"> <li>1. Interpret complaints, medical history, life history and objective examination data in patients</li> <li>2. Identify the main symptoms of the disease</li> <li>3. According to the standard, draw up a survey plan and evaluate the results of additional surveys</li> <li>4. Formulate and justify a clinical diagnosis in accordance with the modern classification</li> <li>5. Prescribe treatment to the patient according to the standard and taking into account individual characteristics.</li> <li>6. Write prescriptions for medications and describe the main groups of drugs included in treatment regimens</li> <li>7. Justify prevention methods and give recommendations to the patient on diet and a healthy lifestyle.</li> <li>8. Obtain a referral for hospitalization.</li> <li>9. Obtain a certificate of incapacity for work</li> <li>10. Make a plan for dispensary observation</li> <li>11. Make a plan for examining the patient</li> <li>12. Obtain an educational outpatient card</li> </ol>	<p>UC 1 ;AI 1.1-1.6;UC3,AI3.1-3.4 GPC-2 AI 2.1-2.7;GPC 4 ,AI 4.1-4.5 GPC5,AI 5.1-5.6;GPC6AI 6.1-6.4 GPC 7 ; AI 7.1-7.7; GPC8, AI 8.1-8.4 GPC11, AI11.1-11.5; PK-1, AI 1.1-1.6; PK 2 , AI 2.1-2.5 PK3, AI 3.1-3.6; PK 4 , AI 4.1-4.3 PK5, AI 5.1-5.5; PK 6 , AI 6.1-6.2 PK 7 , AI 7.1-7.4; PK8, AI8.1-8.4 PK 9 , AI 9.1-9.4; PK10, AI 10.1-10.3 PK11, AI11.1-11.6; PK12, AI12.1-12.3 PK13, AI13.1-13.2; PK-14, AI 14.1-14.3</p>	Interactive survey
2	Key aspects of medical examination of the adult population Preventive counseling within the framework of medical examination of the adult population.	<p><b>Theoretical part :</b> goals and objectives of medical examination and dispensary observation, content of dispensary appointment, frequency, duration, determination of the scope of examination and treatment during dispensary observation, grounds, criteria for the effectiveness of “D” observation. General principles of preventive counseling. ABC of effective motivational counseling. Variants of preventive counseling. Algorithms of preventive counseling. Recommendations on risk factors in in-depth preventive counseling. <b>Basic principles of</b></p>	<p>UC 1 ;AI 1.1-1.6;UC3,AI3.1-3.4 GPC-2 AI 2.1-2.7;GPC 4 ,AI 4.1-4.5 GPC5,AI 5.1-5.6;GPC6AI 6.1-6.4 GPC 7 ;AI 7.1-7.7;GPC8,AI 8.1-8.4 GPC11, AI11.1-11.5; PC-1, AI 1.1-1.6; PC 2 , AI 2.1-2.5 PK3, AI 3.1-3.6; PK 4 , AI 4.1-4.3 PK5, AI 5.1-5.5; PK 6 , AI 6.1-6.2 PK 7 , AI 7.1-7.4; PK8, AI8.1-8.4 PC 9 , AI 9.1-9.4; PC10, AI 10.1-10.3</p>	Testing

	General principles	<p><b>conducting patient schools</b></p> <p><b>Practical part :</b></p> <ol style="list-style-type: none"> <li>1. Prepare a patient's dispensary observation card and leave a dispensary observation plan.</li> <li>2. To develop an algorithm for preventive consultations for patients with chronic nephropathy.</li> <li>3. Organize and conduct a health school.</li> <li>4. Design visual aAIs for patients of the health school . p prepare a presentation</li> </ol>	PK11, AI11.1-11.6; PK12, AI12.1-12.3 PK13, AI13.1-13.2; PC-14, AI 14.1-14.3	
3	Expertise of working capacity as one of the functional duties of a polyclinic doctor . Clinical and expert work and the principles of me wild-social expertise in outpatient conditions viyah. Principles of organizing and conducting medical and social examination.	<p><b>Theoretical part:</b> Duration of temporary disability, criteria for recovery and restoration of working capacity. Assessment of social criterion. Indications for rational employment, its implementation. Tasks of medical and social examination. Types of MSE bureaus, their functional responsibilities. Criteria for limitation of life activity. Rules for recognition as disabled.</p> <p><b>Practical part :</b></p> <p>Correctly fill out medical documentation: outpatient card of the patient (form No. 025u-04), certificate of incapacity for work, control card of the patient registered with the dispensary (No. 095/u), referral to the Medical and Social Expertise (No. 088/u-97), referral for hospitalization (No. 070/u-04), registration card of additional medical examination of the employee (No. 131/u-DD), emergency notification of an acutely contagious patient ( No. 058-u), passport of the medical station (No. 030/u-ter), doctor's diary (No. 039-u), sanatorium and resort card (No. 072/u-04), etc.</p> <p>Draw up an Individual Plan of Action for a disabled person</p>	UC 1 ; AI 1.1-1.6; UC3, AI3.1-3.4 GPC-2 AI 2.1-2.7; GPC 4 , AI 4.1-4.5 GPC5, AI 5.1-5.6; GPC6AI 6.1-6.4 GPC 7 ; AI 7.1-7.7; GPC8, AI 8.1-8.4 GPC11, AI11.1-11.5; PK-1, AI 1.1-1.6; PK 2 , AI 2.1-2.5 PK3, AI 3.1-3.6; PK 4 , AI 4.1-4.3 PK5, AI 5.1-5.5; PK 6 , AI 6.1-6.2 PK 7 , AI 7.1-7.4; PK8, AI8.1-8.4 PK 9 , AI 9.1-9.4; PK10, AI 10.1-10.3 PK11, AI11.1-11.6; PK12, AI12.1-12.3 PK13, AI13.1-13.2; PC-14, AI 14.1-14.3	Frontal survey
4	Broncho-obstructive syndrome in the practice of a polyclinic doctor. COPD. Basic principles of early	<p><b>Theoretical part:</b></p> <p>Features of broncho-obstructive syndrome in COPD and bronchial asthma. Diagnostics in outpatient settings. Indications for hospitalization. Treatment. Examination of working capacity. Medical examination</p> <p>Features of the course of broncho-obstructive syndrome in elderly people</p>	UC 1 ; AI 1.1-1.6; UC3, AI3.1-3.4 GPC-2 AI 2.1-2.7; GPC 4 , AI 4.1-4.5 GPC5, AI 5.1-5.6; GPC6AI 6.1-6.4 GPC 7 ; AI 7.1-7.7; GPC8, AI 8.1-8.4 GPC11, AI11.1-11.5; PK-1, AI 1.1-1.6; PK 2 , AI 2.1-2.5 PK3, AI 3.1-3.6; PK 4 , AI 4.1-4.3	Interactive survey

	<p>diagnostics. Features of the course and treatment of diseases of the bronchopulmonary system in the elderly and old age.</p>	<p><b>Practical part :</b></p> <ol style="list-style-type: none"> <li>1. Interpret complaints, medical history, life history and objective examination data in patients</li> <li>2. Identify the main symptoms of the disease</li> <li>3. According to the standard, draw up a survey plan and evaluate the results of additional surveys</li> <li>4. Formulate and justify a clinical diagnosis in accordance with the modern classification</li> <li>5. Prescribe treatment to the patient according to the standard and taking into account individual characteristics.</li> <li>6. Write prescriptions for medications and describe the main groups of drugs included in treatment regimens</li> <li>7. Justify prevention methods and give recommendations to the patient on diet and a healthy lifestyle.</li> <li>8. Obtain a referral for hospitalization.</li> <li>9. Obtain a certificate of incapacity for work</li> <li>10. Make a plan for dispensary observation</li> <li>11. Make a plan for examining the patient</li> <li>12. Obtain an educational outpatient card</li> </ol>	<p>PK5, AI 5.1-5.5; PK 6 , AI 6.1-6.2 PK 7 , AI 7.1-7.4; PK8, AI8.1-8.4 PK 9 , AI 9.1-9.4; PK10, AI 10.1-10.3 PK11, AI11.1-11.6; PK12, AI12.1-12.3 PK13, AI13.1-13.2; PK-14, AI 14.1-14.3</p>	
5	<p>Community-acquired pneumonia. Principles of early diagnosis and treatment in outpatient settings. Examination of working capacity. Dispensary zation .</p>	<p><b>Theoretical part :</b> Early signs of community-acquired pneumonia. Etiopathogenetic factors. Outpatient examination program. Indications for hospitalization. Therapy prescription principles. Stepwise antibacterial therapy. Assessment of work capacity. Discharge criteria for work. Medical examination.</p> <p><b>Practical part :</b></p> <ol style="list-style-type: none"> <li>1. Interpret complaints, medical history, life history and objective examination data in patients</li> <li>2. Identify the main symptoms of the disease</li> <li>3. According to the standard, draw up a survey plan and evaluate the results of additional surveys</li> <li>4. Formulate and justify a clinical diagnosis in accordance with the modern classification</li> <li>5. Prescribe treatment to the patient according to the standard and taking into account individual characteristics.</li> </ol>	<p>UC 1 ; AI 1.1-1.6; UC3, AI3.1-3.4 GPC-2 AI 2.1-2.7; GPC 4 , AI 4.1-4.5 GPC5, AI 5.1-5.6; GPC6AI 6.1-6.4 GPC 7 ; AI 7.1-7.7; GPC8, AI 8.1-8.4 GPC11, AI11.1-11.5; PK-1, AI 1.1-1.6; PK 2 , AI 2.1-2.5 PK3, AI 3.1-3.6; PK 4 , AI 4.1-4.3 PK5, AI 5.1-5.5; PK 6 , AI 6.1-6.2 PK 7 , AI 7.1-7.4; PK8, AI8.1-8.4 PK 9 , AI 9.1-9.4; PK10, AI 10.1-10.3 PK11, AI11.1-11.6; PK12, AI12.1-12.3 PK13, AI13.1-13.2; PC-14, AI 14.1-14.3</p>	Testing

		<p>6. Write prescriptions for medications and describe the main groups of drugs included in treatment regimens</p> <p>7. Justify prevention methods and give recommendations to the patient on diet and a healthy lifestyle.</p> <p>8. Obtain a referral for hospitalization.</p> <p>9. Obtain a certificate of incapacity for work</p> <p>10. Make a plan for dispensary observation</p> <p>11. Make a plan for examining the patient</p> <p>12. Obtain an educational outpatient card</p>		
6	Bronchial asthma. Principles of early diagnosis and treatment in outpatient settings.	<p><b>Theoretical part :</b>  Outpatient examination program. Indications for hospitalization. Therapy prescription principles. Stepwise antibacterial therapy. Working capacity assessment. Discharge criteria for work. Medical examination.</p> <p><b>Practical part :</b></p> <ol style="list-style-type: none"> <li>1. Interpret complaints, medical history, life history and objective examination data in patients</li> <li>2. Identify the main symptoms of the disease</li> <li>3. According to the standard, draw up a survey plan and evaluate the results of additional surveys</li> <li>4. Formulate and justify a clinical diagnosis in accordance with the modern classification</li> <li>5. Prescribe treatment to the patient according to the standard and taking into account individual characteristics.</li> <li>6. Write prescriptions for medications and describe the main groups of drugs included in treatment regimens</li> <li>7. Justify prevention methods and give recommendations to the patient on diet and a healthy lifestyle.</li> <li>8. Obtain a referral for hospitalization.</li> <li>9. Obtain a certificate of incapacity for work</li> <li>10. Make a plan for dispensary observation</li> <li>11. Make a plan for examining the patient</li> <li>12. Obtain an educational outpatient card</li> </ol>	<p>UC 1 ; AI 1.1-1.6; UC3, AI3.1-3.4  GPC-2 AI 2.1-2.7; GPC 4 , AI 4.1-4.5  GPC5, AI 5.1-5.6; GPC6AI 6.1-6.4  GPC 7 ; AI 7.1-7.7; GPC8, AI 8.1-8.4  GPC11, AI11.1-11.5;  PK-1, AI 1.1-1.6; PK 2 , AI 2.1-2.5  PK3, AI 3.1-3.6; PK 4 , AI 4.1-4.3  PK5, AI 5.1-5.5; PK 6 , AI 6.1-6.2  PK 7 , AI 7.1-7.4; PK8, AI8.1-8.4  PK 9 , AI 9.1-9.4; PK10, AI 10.1-10.3  PK11, AI11.1-11.6; PK12, AI12.1-12.3  PK13,AI13.1-13.2;PC-14,AI 14.1-14.3</p>	Frontal survey
7	IHD . Tenocardia.	<b>Theoretical part :</b> Classification of coronary heart disease. Angina	UC 1 ;AI 1.1-1.6;UC3,AI3.1-3.4	Interactive survey

	<p>Principles of early diagnosis and treatment in outpatient settings. Ex pectoris labor abilities. D medical examination . Rehabilitation of patients who have suffered a myocardial infarction in a polyclinic</p>	<p>pectoris: differential diagnostics, examination and treatment in outpatient settings. Indications for hospitalization. Examination of working capacity. Criteria for discharge to work. Medical examination. Types of rehabilitation, program and tasks of each type of rehabilitation, principles of the rehabilitation system. Features of medical rehabilitation at each phase, secondary prevention of coronary heart disease. Features of psychological rehabilitation. Features of physical rehabilitation.</p> <p><b>Practical part:</b></p> <ol style="list-style-type: none"> <li>1. Interpret complaints, medical history, life history and objective examination data in patients</li> <li>2. Identify the main symptoms of the disease</li> <li>3. According to the standard, draw up a survey plan and evaluate the results of additional surveys</li> <li>4. Formulate and justify a clinical diagnosis in accordance with the modern classification</li> <li>5. Prescribe treatment to the patient according to the standard and taking into account individual characteristics.</li> <li>6. Write prescriptions for medications and describe the main groups of drugs included in treatment regimens</li> <li>7. Justify prevention methods and give recommendations to the patient on diet and a healthy lifestyle.</li> <li>8. Obtain a referral for hospitalization.</li> <li>9. Obtain a certificate of incapacity for work</li> <li>10. Make a plan for dispensary observation</li> <li>11. Make a plan for examining the patient</li> <li>12. Obtain an educational outpatient card</li> </ol>	<p>GPC-2 AI 2.1-2.7; GPC 4 ,AI 4.1-4.5  GPC5,AI 5.1-5.6; GPC6AI 6.1-6.4  GPC 7 ;AI 7.1-7.7; GPC8,AI 8.1-8.4  GPC11, AI11.1-11.5;  PC-1, AI 1.1-1.6; PC 2 , AI 2.1-2.5  PK3, AI 3.1-3.6; PK 4 , AI 4.1-4.3  PK5, AI 5.1-5.5; PK 6 , AI 6.1-6.2  PK 7 , AI 7.1-7.4; PK8, AI8.1-8.4  PC 9 , AI 9.1-9.4; PC10, AI 10.1-10.3  PK11, AI11.1-11.6; PK12, AI12.1-12.3  PK13,AI13.1-13.2; PC-14,AI 14.1-14.3</p>	
8	<p>Gerontology. Features of diagnostics and treatment of somatic pathology in elderly and senile persons.</p>	<p><b>Theoretical part:</b></p> <p>Features of diagnostics and treatment of elderly and senile people. Treatment of the most common diseases at this age, such as coronary heart disease , anemia of old age, diseases of the bronchopulmonary system, anemia of old age, diseases of the gastrointestinal tract. Involutional changes in the cardiovascular system. Features of the course, diagnostics and treatment of hypertension, coronary heart</p>	<p>UC 1 ;AI 1.1-1.6; UC3,AI3.1-3.4  GPC-2 AI 2.1-2.7; GPC 4 ,AI 4.1-4.5  GPC5,AI 5.1-5.6; GPC6AI 6.1-6.4  GPC 7 ;AI 7.1-7.7; GPC8,AI 8.1-8.4  GPC11, AI11.1-11.5;  PC-1, AI 1.1-1.6; PC 2 , AI 2.1-2.5  PK3, AI 3.1-3.6; PK 4 , AI 4.1-4.3</p>	<p>Testing  Frontal survey  Interactive survey</p>

	<p>Features of the course and treatment of cardiovascular diseases in elderly and senile persons.</p>	<p>disease, heart failure in outpatient settings. Indications for hospitalization. Medical and social examination.</p> <p><b>Practical part :</b></p> <ol style="list-style-type: none"> <li>1. Interpret complaints, medical history, life history and objective examination data in patients</li> <li>2. Identify the main symptoms of the disease</li> <li>3. According to the standard, draw up a survey plan and evaluate the results of additional surveys</li> <li>4. Formulate and justify a clinical diagnosis in accordance with the modern classification</li> <li>5. Prescribe treatment to the patient according to the standard and taking into account individual characteristics.</li> <li>6. Write prescriptions for medications and describe the main groups of drugs included in treatment regimens</li> <li>7. Justify prevention methods and give recommendations to the patient on diet and a healthy lifestyle.</li> <li>8. Obtain a referral for hospitalization.</li> <li>9. Obtain a certificate of incapacity for work</li> <li>10. Make a plan for dispensary observation</li> <li>11. Make a plan for examining the patient</li> <li>12. Fill out an educational outpatient card</li> </ol>	<p>PK5, AI 5.1-5.5; PK 6 , AI 6.1-6.2          PK 7 , AI 7.1-7.4; PK8, AI8.1-8.4          PC 9 , AI 9.1-9.4; PC10, AI 10.1-10.3          PK11, AI11.1-11.6; PK12, AI12.1-12.3          PK13,AI13.1-13.2;PC-14,AI 14.1-14.3</p>	
9	<p>Symptomatic hypertension. Principles of early diagnosis and treatment in outpatient settings. Expertise of working capacity. Medical examination</p>	<p><b>Theoretical part:</b>          Classification. Causes of increased blood pressure. Possibilities for examination in a polyclinic to identify the causes of arterial hypertension . Differential diagnostics.</p> <p><b>Practical part:</b></p> <ol style="list-style-type: none"> <li>1. Interpret complaints, medical history, life history and objective examination data in patients</li> <li>2. Identify the main symptoms of the disease</li> <li>3. According to the standard, draw up a survey plan and evaluate the results of additional surveys</li> <li>4. Formulate and justify a clinical diagnosis in accordance with the modern classification</li> </ol>	<p>UC 1 ;AI 1.1-1.6;UC3,AI3.1-3.4          GPC-2 AI 2.1-2.7;GPC 4 ,AI 4.1-4.5          GPC5,AI 5.1-5.6;GPC6AI 6.1-6.4          GPC 7 ;AI 7.1-7.7;GPC8,AI 8.1-8.4          GPC11, AI11.1-11.5;          PC-1, AI 1.1-1.6; PC 2 , AI 2.1-2.5          PK3, AI 3.1-3.6; PK 4 , AI 4.1-4.3          PK5, AI 5.1-5.5; PK 6 , AI 6.1-6.2          PK 7 , AI 7.1-7.4; PK8, AI8.1-8.4          PC 9 , AI 9.1-9.4; PC10, AI 10.1-10.3          PK11, AI11.1-11.6; PK12, AI12.1-12.3          PK13,AI13.1-13.2;PC-14,AI 14.1-14.3</p>	<p>Testing          Frontal survey          Interactive survey</p>

		<p>5. Prescribe treatment to the patient according to the standard and taking into account individual characteristics.</p> <p>6. Write prescriptions for medications and describe the main groups of drugs included in treatment regimens</p> <p>7. Justify prevention methods and give recommendations to the patient on diet and a healthy lifestyle.</p> <p>8. Obtain a referral for hospitalization.</p> <p>9. Obtain a certificate of incapacity for work</p> <p>10. Make a plan for dispensary observation</p> <p>11. Make a plan for examining the patient</p> <p>12. Obtain an educational outpatient card</p>		
10	Control lesson by sections			Rubicon
11	<p>Chronic glomerulonephritis. Principles of early diagnostics and treatment in outpatient settings. Assessment of working capacity . Medical examination .</p>	<p><b>Theoretical part :</b> Chronic glomerulonephritis, clinical variants and their syndromes. Diagnostics in outpatient conditions. Expertise of working capacity depending on the clinical variant. Treatment and rehabilitation in outpatient conditions . Dispensarization.</p> <p><b>Practical part:</b></p> <ol style="list-style-type: none"> <li>1. Interpret complaints, medical history, life history and objective examination data in patients</li> <li>2. Identify the main symptoms of the disease</li> <li>3. According to the standard, draw up a survey plan and evaluate the results of additional surveys</li> <li>4. Formulate and justify a clinical diagnosis in accordance with the modern classification</li> <li>5. Prescribe treatment to the patient according to the standard and taking into account individual characteristics.</li> <li>6. Write prescriptions for medications and describe the main groups of drugs included in treatment regimens</li> <li>7. Justify prevention methods and give recommendations to the patient on diet and a healthy lifestyle.</li> <li>8. Obtain a referral for hospitalization.</li> </ol>	<p>UC 1 ;AI 1.1-1.6;UC3,AI3.1-3.4 GPC-2 AI 2.1-2.7;GPC 4 ,AI 4.1-4.5 GPC5,AI 5.1-5.6;GPC6AI 6.1-6.4 GPC 7 ;AI 7.1-7.7;GPC8,AI 8.1-8.4 GPC11, AI11.1-11.5; PC-1, AI 1.1-1.6; PC 2 , AI 2.1-2.5 PK3, AI 3.1-3.6; PK 4 , AI 4.1-4.3 PK5, AI 5.1-5.5; PK 6 , AI 6.1-6.2 PK 7 , AI 7.1-7.4; PK8, AI8.1-8.4 PC 9 , AI 9.1-9.4; PC10, AI 10.1-10.3 PK11, AI11.1-11.6; PK12, AI12.1-12.3 PK13,AI13.1-13.2;PC-14,AI 14.1-14.3</p>	<p>Testing Frontal survey Interactive survey</p>

		<p>9. Obtain a certificate of incapacity for work  10. Make a plan for dispensary observation  11. Make a plan for examining the patient  12. Obtain an educational outpatient card</p>		
12	<p>Chronic pancreatitis.  Principles of early diagnosis and treatment in outpatient settings.  Expertise of working capacity.  Medical examination</p>	<p><b>Theoretical part:</b> Main causes of chronic pancreatitis. Classification. Principles of early diagnosis and treatment in outpatient settings. Expertise of labor force. abilities. Indications for referral to the BMSE. Medical examination  <b>Practical part :</b>  1. Interpret complaints, medical history, life history and objective examination data in patients  2. Identify the main symptoms of the disease  3. According to the standard, draw up a survey plan and evaluate the results of additional surveys  4. Formulate and justify a clinical diagnosis in accordance with the modern classification  5. Prescribe treatment to the patient according to the standard and taking into account individual characteristics.  6. Write prescriptions for medications and describe the main groups of drugs included in treatment regimens</p>	<p>UC 1 ; AI 1.1-1.6; UC3, AI3.1-3.4  GPC-2 AI 2.1-2.7; GPC 4 , AI 4.1-4.5  GPC5, AI 5.1-5.6; GPC6AI 6.1-6.4  GPC 7 ; AI 7.1-7.7; GPC8, AI 8.1-8.4  GPC11, AI11.1-11.5;  PK-1, AI 1.1-1.6; PK 2 , AI 2.1-2.5  PK3, AI 3.1-3.6; PK 4 , AI 4.1-4.3  PK5, AI 5.1-5.5; PK 6 , AI 6.1-6.2  PK 7 , AI 7.1-7.4; PK8, AI8.1-8.4  PK 9 , AI 9.1-9.4; PK10, AI 10.1-10.3  PK11, AI11.1-11.6; PK12, AI12.1-12.3  PK13,AI13.1-13.2;PC-14,AI 14.1-14.3</p>	<p>Testing  Frontal survey  Interactive survey</p>
13	<p>Chronic cholecystitis.  Principles of early diagnostics and treatment in</p>	<p><b>Theoretical part :</b>  Clinical and diagnostic criteria. Differential diagnosis. Course. Outcomes. Outpatient treatment. Indications for hospitalization. Secondary prevention . Temporary disability . ability , its optimal terms. Factors influencing the duration of VN.</p>	<p>UC 1 ; AI 1.1-1.6; UC3, AI3.1-3.4  GPC-2 AI 2.1-2.7; GPC 4 , AI 4.1-4.5  GPC5, AI 5.1-5.6; GPC6AI 6.1-6.4  GPC 7 ; AI 7.1-7.7; GPC8, AI 8.1-8.4  GPC11, AI11.1-11.5;</p>	<p>Testing  Frontal survey  Interactive survey</p>

	<p>outpatient settings. Assessment of working capacity . Medical examination .</p>	<p>Criteria for recovery and restoration of working capacity. Rational employment. Medical examination.</p> <p><b>Practical part :</b></p> <ol style="list-style-type: none"> <li>1. Interpret complaints, medical history, life history and objective examination data in patients</li> <li>2. Identify the main symptoms of the disease</li> <li>3. According to the standard, draw up a survey plan and evaluate the results of additional surveys</li> <li>4. Formulate and justify a clinical diagnosis in accordance with the modern classification</li> <li>5. Prescribe treatment to the patient according to the standard and taking into account individual characteristics.</li> <li>6. Write prescriptions for medications and describe the main groups of drugs included in treatment regimens</li> <li>7. Justify prevention methods and give recommendations to the patient on diet and a healthy lifestyle.</li> <li>8. Obtain a referral for hospitalization.</li> <li>9. Obtain a certificate of incapacity for work</li> <li>10. Make a plan for dispensary observation</li> <li>11. Make a plan for examining the patient</li> <li>12. Obtain an educational outpatient card</li> </ol>	<p>PK-1, AI 1.1-1.6; PK 2 , AI 2.1-2.5          PK3, AI 3.1-3.6; PK 4 , AI 4.1-4.3          PK5, AI 5.1-5.5; PK 6 , AI 6.1-6.2          PK 7 , AI 7.1-7.4; PK8, AI8.1-8.4          PK 9 , AI 9.1-9.4; PK10, AI 10.1-10.3          PK11, AI11.1-11.6; PK12, AI12.1-12.3          PK13,AI13.1-13.2;PC-14,AI 14.1-14.3</p>	
14	<p>Functional bowel diseases, differential diagnostics and treatment in outpatient settings. Features of the course and treatment of gastrointestinal diseases in the elderly and old age</p>	<p><b>Theoretical part:</b> Classification of functions diseases of the gastrointestinal tract. Clinic, diagnostics, differential diagnostics. Principles of treatment in outpatient settings. Examination of temporary disability. Medical examination. Issues of involutional changes in the digestive tract system. and in old and senile age. Features of the clinical picture, course, diagnosis and treatment of chronic gastritis, peptic ulcer, liver and pancreas diseases. Indications for hospitalization zations. Treatment in outpatient settings. Principles of medical and social expertise.</p> <p><b>Practical part:</b></p> <ol style="list-style-type: none"> <li>1. Interpret complaints, medical history, life history and objective</li> </ol>	<p>UC 1 ;AI 1.1-1.6;UC3,AI3.1-3.4          GPC-2 AI 2.1-2.7;GPC 4 ,AI 4.1-4.5          GPC5,AI 5.1-5.6;GPC6AI 6.1-6.4          GPC 7 ;AI 7.1-7.7;GPC8,AI 8.1-8.4          GPC11, AI11.1-11.5;          PC-1, AI 1.1-1.6; PC 2 , AI 2.1-2.5          PK3, AI 3.1-3.6; PK 4 , AI 4.1-4.3          PK5, AI 5.1-5.5; PK 6 , AI 6.1-6.2          PK 7 , AI 7.1-7.4; PK8, AI8.1-8.4          PC 9 , AI 9.1-9.4; PC10, AI 10.1-10.3          PK11, AI11.1-11.6; PK12, AI12.1-12.3          PK13,AI13.1-13.2;PC-14,AI 14.1-14.3</p>	<p>Testing          Frontal survey          Interactive survey</p>

	.	<p>examination data in patients</p> <ol style="list-style-type: none"> <li>2. Identify the main symptoms of the disease</li> <li>3. According to the standard, draw up a survey plan and evaluate the results of additional surveys</li> <li>4. Formulate and justify a clinical diagnosis in accordance with the modern classification</li> <li>5. Prescribe treatment to the patient according to the standard and taking into account individual characteristics.</li> <li>6. Write prescriptions for medications and describe the main groups of drugs included in treatment regimens</li> <li>7. Justify prevention methods and give recommendations to the patient on diet and a healthy lifestyle.</li> <li>8. Obtain a referral for hospitalization.</li> <li>9. Obtain a certificate of incapacity for work</li> <li>10. Make a plan for dispensary observation</li> <li>11. Make a plan for examining the patient</li> <li>12. Obtain an educational outpatient card</li> </ol>		
15	<p>Congestive heart failure. Principles of early diagnosis and treatment in outpatient settings. Examination of working capacity . Myocardial pathologies in the practice of a polyclinic doctor.</p>	<p><b>Theoretical part:</b> Prevalence, causes, classification of congestive heart failure. Early manifestations, diagnostic methods. Features of the clinical course depending on the underlying disease. Treatment principles. Examination of working capacity. Prognosis. Clinical manifestations and course of myocardial pathologies, complications .</p> <p><b>Diagnosis of myocardial pathologies and myocardial dystrophy</b></p> <p><b>Practical part:</b></p> <ol style="list-style-type: none"> <li>1. Interpret complaints, medical history, life history and objective examination data in patients</li> <li>2. Identify the main symptoms of the disease</li> <li>3. According to the standard, draw up a survey plan and evaluate the results of additional surveys</li> <li>4. Formulate and justify a clinical diagnosis in accordance with the modern classification</li> <li>5. Prescribe treatment to the patient according to the standard and taking into account individual characteristics.</li> </ol>	<p>UC 1 ; AI 1.1-1.6; UC3, AI3.1-3.4          GPC-2 AI 2.1-2.7; GPC 4 , AI 4.1-4.5          GPC5, AI 5.1-5.6; GPC6AI 6.1-6.4          GPC 7 ; AI 7.1-7.7; GPC8, AI 8.1-8.4          GPC11, AI11.1-11.5;          PK-1, AI 1.1-1.6; PK 2 , AI 2.1-2.5          PK3, AI 3.1-3.6; PK 4 , AI 4.1-4.3          PK5, AI 5.1-5.5; PK 6 , AI 6.1-6.2          PK 7 , AI 7.1-7.4; PK8, AI8.1-8.4          PK 9 , AI 9.1-9.4; PK10, AI 10.1-10.3          PK11, AI11.1-11.6; PK12, AI12.1-12.3          PK13,AI13.1-13.2;PC-14,AI 14.1-14.3</p>	<p>Testing          Frontal survey          Interactive survey</p>

		<p>6. Write prescriptions for medications and describe the main groups of drugs included in treatment regimens</p> <p>7. Justify prevention methods and give recommendations to the patient on diet and a healthy lifestyle.</p> <p>8. Obtain a referral for hospitalization.</p> <p>9. Obtain a certificate of incapacity for work</p> <p>10. Make a plan for dispensary observation</p> <p>11. Make a plan for examining the patient</p> <p>12. Obtain an educational outpatient card</p>		
16	Prolonged subfebrile condition in the practice of a polyclinic therapist	<p><b>Theoretical part</b> : Clinic, diagnostics, differential diagnostics. Principles of treatment in outpatient settings. Examination of temporary disability . Dispensarization</p> <p><b>Practical part</b> :</p> <p>1. Interpret complaints, medical history, life history and objective examination data in patients</p> <p>2. Identify the main symptoms of the disease</p> <p>3. According to the standard, draw up a survey plan and evaluate the results of additional surveys</p> <p>4. Formulate and justify a clinical diagnosis in accordance with the modern classification</p> <p>5. Prescribe treatment to the patient according to the standard and taking into account individual characteristics.</p> <p>6. Write prescriptions for medications and describe the main groups of drugs included in treatment regimens</p> <p>7. Justify prevention methods and give recommendations to the patient on diet and a healthy lifestyle.</p> <p>8. Obtain a referral for hospitalization.</p> <p>9. Obtain a certificate of incapacity for work</p> <p>10. Make a plan for dispensary observation</p> <p>11. Make a plan for examining the patient</p> <p>12. Obtain an educational outpatient card</p>	<p>UC 1 ; AI 1.1-1.6; UC3, AI3.1-3.4</p> <p>GPC-2 AI 2.1-2.7; GPC 4 , AI 4.1-4.5</p> <p>GPC5, AI 5.1-5.6; GPC6AI 6.1-6.4</p> <p>GPC 7 ; AI 7.1-7.7; GPC8, AI 8.1-8.4</p> <p>GPC11, AI11.1-11.5;</p> <p>PK-1, AI 1.1-1.6; PK 2 , AI 2.1-2.5</p> <p>PK3, AI 3.1-3.6; PK 4 , AI 4.1-4.3</p> <p>PK5, AI 5.1-5.5; PK 6 , AI 6.1-6.2</p> <p>PK 7 , AI 7.1-7.4; PK8, AI8.1-8.4</p> <p>PK 9 , AI 9.1-9.4; PK10, AI 10.1-10.3</p> <p>PK11, AI11.1-11.6; PK12, AI12.1-12.3</p> <p>PK13,AI13.1-13.2;PC-14,AI 14.1-14.3</p>	<p>Testing</p> <p>Frontal survey</p> <p>Interactive survey</p>
17	Chronic pain . General principles	<p><b>Theoretical part</b> : Definition , Classification. Pain assessment for some types of pain syndrome</p>	<p>UC 1 ; AI 1.1-1.6; UC3, AI3.1-3.4</p> <p>GPC-2 AI 2.1-2.7; GPC 4 , AI 4.1-4.5</p>	<p>Testing</p> <p>Frontal survey</p>

	<p>of diagnosis and treatment in outpatient settings. Psychological aspects of palliative care .</p>	<p>Pain syndrome in oncology. Pathophysiological classification. oncological pain. Indications for hospitalization. General principles of pain syndrome treatment in outpatient settings. Chronic pain of non-oncological nature. Particular issues of medication. treatment of chronic pain syndrome Drug treatment of pain in the elderly <b>Practical part :</b> 1. Interpret complaints, medical history, life history and objective examination data in patients 2. Identify the main symptoms of the disease 3. According to the standard, draw up a survey plan and evaluate the results of additional surveys 4. Formulate and justify a clinical diagnosis in accordance with the modern classification 5. Prescribe treatment to the patient according to the standard and taking into account individual characteristics. 6. Write prescriptions for medications and describe the main groups of drugs included in treatment regimens 7. Justify prevention methods and give recommendations to the patient on diet and a healthy lifestyle. 8. Obtain a referral for hospitalization. 9. Obtain a certificate of incapacity for work 10. Make a plan for dispensary observation 11. Make a plan for examining the patient 12. Obtain an educational outpatient card</p>	<p>GPC5, AI 5.1-5.6; GPC6AI 6.1-6.4 GPC 7 ; AI 7.1-7.7; GPC8, AI 8.1-8.4 GPC11, AI11.1-11.5; PK-1, AI 1.1-1.6; PK 2 , AI 2.1-2.5 PK3, AI 3.1-3.6; PK 4 , AI 4.1-4.3 PK5, AI 5.1-5.5; PK 6 , AI 6.1-6.2 PK 7 , AI 7.1-7.4; PK8, AI8.1-8.4 PK 9 , AI 9.1-9.4; PK10, AI 10.1-10.3 PK11, AI11.1-11.6; PK12, AI12.1-12.3 PK13,AI13.1-13.2;PC-14,AI 14.1-14.3</p>	<p>Interactive survey</p>
18	<p>Differential diagnosis of articular syndrome in outpatient settings. Principles of early diagnosis, treatment</p>	<p><b>Theoretical part :</b> Inflammatory and non-inflammatory diseases of joints. Principles of treatment, EVN, medical examination. Principles of early diagnosis, treatment, prevention and examination of working capacity of deforming arthrosis and gout <b>Practical part :</b> 1. Interpret complaints, medical history, life history and objective examination data in patients 2. Identify the main symptoms of the disease</p>	<p>UC 1 ;AI 1.1-1.6;UC3,AI3.1-3.4 GPC-2 AI 2.1-2.7;GPC 4 ,AI 4.1-4.5 GPC5,AI 5.1-5.6;GPC6AI 6.1-6.4 GPC 7 ;AI 7.1-7.7;GPC8,AI 8.1-8.4 GPC11, AI11.1-11.5; PC-1, AI 1.1-1.6; PC 2 , AI 2.1-2.5 PK3, AI 3.1-3.6; PK 4 , AI 4.1-4.3 PK5, AI 5.1-5.5; PK 6 , AI 6.1-6.2</p>	<p>Testing Frontal survey Interactive survey</p>

		<ol style="list-style-type: none"> <li>3. According to the standard, draw up a survey plan and evaluate the results of additional surveys</li> <li>4. Formulate and justify a clinical diagnosis in accordance with the modern classification</li> <li>5. Prescribe treatment to the patient according to the standard and taking into account individual characteristics.</li> <li>6. Write prescriptions for medications and describe the main groups of drugs included in treatment regimens</li> <li>7. Justify prevention methods and give recommendations to the patient on diet and a healthy lifestyle.</li> <li>8. Obtain a referral for hospitalization.</li> <li>9. Obtain a certificate of incapacity for work</li> <li>10. Make a plan for dispensary observation</li> <li>11. Make a plan for examining the patient</li> <li>12. Obtain an educational outpatient card</li> </ol>	<p>PK 7 , AI 7.1-7.4; PK8, AI8.1-8.4  PC 9 , AI 9.1-9.4; PC10, AI 10.1-10.3  PK11, AI11.1-11.6; PK12, AI12.1-12.3  PK13,AI13.1-13.2;PC-14,AI 14.1-14.3</p>	
19	<p>Anemic syndrome in the practice of a district physician. Principles of early diagnostics and treatment in outpatient settings. Expertise of working capacity. Medical examination.</p>	<p><b>Theoretical part</b> : Classification of anemias. Iron deficiency anemia, B12 deficiency anemia. Principles of early diagnostics and treatment in outpatient settings. Examination of working capacity. Indications for referral to the BMSE. Medical examination.</p> <p><b>Practical part</b> :</p> <ol style="list-style-type: none"> <li>1. Interpret complaints, medical history, life history and objective examination data in patients</li> <li>2. Identify the main symptoms of the disease</li> <li>3. According to the standard, draw up a survey plan and evaluate the results of additional surveys</li> <li>4. Formulate and justify a clinical diagnosis in accordance with the modern classification</li> <li>5. Prescribe treatment to the patient according to the standard and taking into account individual characteristics.</li> <li>6. Write prescriptions for medications and describe the main groups of drugs included in treatment regimens</li> <li>7. Justify prevention methods and give recommendations to the patient on diet and a healthy lifestyle.</li> </ol>	<p>UC 1 ; AI 1.1-1.6; UC3, AI3.1-3.4  GPC-2 AI 2.1-2.7; GPC 4 , AI 4.1-4.5  GPC5, AI 5.1-5.6; GPC6AI 6.1-6.4  GPC 7 ; AI 7.1-7.7; GPC8, AI 8.1-8.4  GPC11, AI11.1-11.5;  PK-1, AI 1.1-1.6; PK 2 , AI 2.1-2.5  PK3, AI 3.1-3.6; PK 4 , AI 4.1-4.3  PK5, AI 5.1-5.5; PK 6 , AI 6.1-6.2  PK 7 , AI 7.1-7.4; PK8, AI8.1-8.4  PK 9 , AI 9.1-9.4; PK10, AI 10.1-10.3  PK11, AI11.1-11.6; PK12, AI12.1-12.3  PK13,AI13.1-13.2;PC-14,AI 14.1-14.3</p>	<p>Testing  Frontal survey  Interactive survey</p>

		8. Obtain a referral for hospitalization. 9. Obtain a certificate of incapacity for work 10. Make a plan for dispensary observation 11. Make a plan for examining the patient 12. Obtain an educational outpatient card		
20	Control lesson by sections			Rubicon
	Total hours			92

## 2.4. Interactive forms of learning

1X-X semester				
No.	Topic of the practical lesson	Labor intensity	Interactive form of learning	Labor intensity in hours, in % of the lesson
1	"Organization of medical and preventive care in a polyclinic setting"	3.4	Interactive survey	20 minutes (0.33 hours) 10.3%
2	Features of the work of a district general practitioner. Features of providing medical care to persons entitled to additional social assistance. The procedure for writing prescriptions by a district general practitioner.	3.4	Interactive survey Discussion	20 minutes (0.33 hours) 10.3%
3	Tasks and organization of examination of working capacity in a polyclinic	3.4	Group discussion Discussion	20 minutes (0.33 hours) 10.3%
4	Hypertension, the activities of a local physician in detecting hypertension, differential diagnostics, issues of medical examination and EVN	3.4	Group discussion Role play	20 minutes (0.33 hours) 10.3%
5	Chronic hepatitis. Clinical and diagnostic criteria. Treatment at the outpatient-polyclinic stage. Medical examination. Questions of examination of working capacity	3.4	Group discussion Discussion	20 minutes (0.33 hours) 10.3%
6	Liver cirrhosis. Clinical and diagnostic criteria. Treatment at the outpatient and polyclinic stage. Medical examination. Issues of examination of working capacity	3.4	Interactive survey	20 minutes (0.33 hours) 10.3%
7	Principles of early diagnosis, treatment, prevention and assessment of working capacity in chronic gastritis	3.4	Interactive survey	20 minutes (0.33 hours) 10.3%
8	Principles of early diagnosis, treatment, prevention and assessment of working capacity in peptic ulcer disease.	3.4	Interactive survey Role play	20 minutes (0.33 hours) 10.3%
9	Abdominal pain syndrome, differential diagnostics. Principles of diagnostics, treatment, EVN	3.4	Interactive survey	20 minutes (0.33 hours) 10.3%
10	Control lesson by sections	3.4	Interactive survey	20 minutes (0.33 hours) 10.3%
11	Principles of early diagnosis, treatment, prevention and assessment of working capacity in acute bronchitis	3.4	Interactive survey	20 minutes (0.33 hours) 10.3%
12	Primary and secondary profile lactic acidosis is one of the main tasks of a local therapist.	3.4	Interactive survey Discussion	20 minutes (0.33 hours) 10.3%
13	Organization of preventive medical examinations	3.4	Group discussion	20 minutes (0.33 hours) 10.3%
14	Differential diagnosis of chest pain in outpatient settings. Principles of early diagnosis, treatment, prevention and assessment of working capacity.	3.4	Group discussion Brainstorming	20 minutes (0.33 hours) 10.3%

15	Principles of early diagnosis, treatment, prevention and assessment of working capacity in myocarditis	3.4	Interactive survey Brainstorming	20 minutes (0.33 hours) 10.3%
16	Principles of early diagnosis, treatment, prevention and assessment of working capacity in NCD	3.4	Interactive survey	20 minutes (0.33 hours) 10.3%
17	Principles of early diagnosis, treatment, prevention and assessment of working capacity in acute respiratory viral infections	3.4	Interactive survey	20 minutes (0.33 hours) 10.3%
18	Differential diagnosis of urinary syndrome in outpatient settings. Diagnostics, issues of medical examination and examination of working capacity	3.4	Interactive survey Brainstorming	20 minutes (0.33 hours) 10.3%
19	Principles of spa selection and treatment of the main most common diseases	3.4	Interactive survey Discussion	20 minutes (0.33 hours) 10.3%
20	Control lesson by sections	3.4	Discussion	20 minutes (0.33 hours) 10.3%

<b>X1-X11 semester</b>				
<b>No</b>	<b>Topic of the practical lesson</b>	<b>Labor intensity in</b>	<b>Interactive form of learning</b>	<b>Labor intensity in hours, in % of</b>
1	Organization of the work of a district doctor and a general practitioner	<b>6</b>	Interactive survey	20 minutes (0.33 hours) /18.1%
2	Main aspects of medical examination of the adult population. Preventive consultation within the framework of medical examination of the adult population. General principles	<b>6</b>	Interactive survey Computer simulations	20 minutes (0.33 hours) /18.1%
3	Expertise of working capacity as one of the functional duties of a polyclinic doctor . Principles of organizing and conducting medical and social expertise. Bureau of medical and social expertise.	<b>6</b>	Interactive survey Discussion	20 minutes (0.33 hours) /18.1%
4	Broncho-obstructive syndrome in the practice of a polyclinic doctor . About Features of the course and treatment of diseases of the bronchopulmonary system we are in old and senile age.	<b>6</b>	Interactive survey	20 minutes (0.33 hours) / 18.1%
5	Community-acquired pneumonia. Principles of early diagnosis and treatment in outpatient settings. Assessment of working capacity. Medical examination .	<b>6</b>	Interactive survey Brainstorming	20 minutes (0.33 hours) /18.1%
6	Bronchial asthma. Principles of early diagnosis and treatment in outpatient settings.	<b>6</b>		20 minutes (0.33 hours) /18.1%
7	IHD . With tenocardia. Differential diagnosis with myocardial infarction. Rehabilitation of patients who have suffered myocardial infarction in a polyclinic	<b>6</b>	Interactive survey Role play	20 minutes (0.33 hours) /18.1%
8	Gerontology . About the features of diagnostics	<b>6</b>	Interactive survey	20 minutes (0.33 hours)

	sticks and treatment of somatic pathology diseases in elderly and senile people. Features of the course and treatment of cardiovascular diseases system in old and senile age.			/18.1%
9	Symptomatic hypertension. Principles of early diagnosis and treatment in outpatient settings . Differential diagnosis . nostika. Labor efficiency expertise particularities. Medical examination.	6	Interactive survey	20 minutes (0.33 hours) /18.1%
10	Control lesson by sections	6	Interactive survey	20 minutes (0.33 hours) / 18.1%
11	Chronic glomerulonephritis. Principles of early diagnostics and treatment in outpatient settings. Assessment of working capacity . Medical examination .	6	Interactive survey Round table	20 minutes (0.33 hours) /18.1%
12	Chronic pancreatitis. Principles of early diagnostics and treatment in outpatient settings. Assessment of working capacity . Medical examination .	6	Interactive survey Discussion	20 minutes (0.33 hours) /18.1%
13	Chronic cholecystitis. Principles of early diagnosis and treatment in outpatient settings. Examination of working capacity . Medical examination	6	Interactive survey	20 minutes (0.33 hours) /18.1%
14	Functional bowel diseases, differential diagnostics and treatment in outpatient settings. Peculiarities of the course and treatment of gastrointestinal diseases in the elderly and old age. Expertise of working capacity in diseases of the gastrointestinal tract.	6	Interactive survey	20 minutes (0.33 hours) /18.1%
15	Congestive Heart Failure. Principles of Early Diagnosis and Treatment in Outpatient Settings. Assessment of Working Capacity	6	Interactive survey	20 minutes (0.33 hours) /18.1%
16	Prolonged subfebrile condition in the practice of a polyclinic therapist	6	Interactive survey	20 minutes (0.33 hours) /18.1%
17	Chronic pain . General principles of treatment of patients with chronic pain in outpatient settings. Standards and norms of palliative care.	6	Interactive survey Role play	20 minutes (0.33 hours) /18.1%
18	Differential diagnosis of articular syndrome in outpatient settings. Principles of early diagnosis, treatment	6	Interactive survey	20 minutes (0.33 hours) /18.1%
19	Anemic syndrome in the practice of a district physician. Iron deficiency anemia, B12 deficiency anemia. Principles of early diagnostics and treatment in outpatient settings. Expertise of work capacity. Medical examination.	6	Interactive survey	20 minutes (0.33 hours) /18.1%
20	Control lesson by sections	6	Interactive survey	20 minutes (0.33 hours) /18.1%

## 2.5 . Criteria for assessing students' knowledge

### 2.5.1. Criteria for assessing the knowledge of 5th year students

The basis for determining the level of knowledge, skills, and abilities are the assessment criteria - completeness and correctness:

- correct, precise answer;
- correct, but incomplete or inaccurate answer;
- incorrect answer;
- no answer.

When assigning marks, the classification of errors and their quality are taken into account:

- gross errors;
- similar errors;
- minor errors;
- shortcomings.

<b>Criteria for assessing learning outcomes</b>				
<b>I X semester</b>				
<b>No. p /p</b>	<b>Topic of the practical lesson</b>	<b>Theoret Part</b>	<b>Practical part</b>	<b>Overall rating</b>
1.	Organization of medical and preventive care in a polyclinic setting.	2-5	2-5	2-5
2	Features of the work of a district general practitioner. Features of providing medical care to persons entitled to additional social assistance. The procedure for writing prescriptions by a district general practitioner.	2-5	2-5	2-5
3	Tasks and organization of examination of working capacity in the polyclinic. Procedure for issuing and registration of sick leave certificates	2-5	2-5	2-5
4	Hypertension , the activities of a local physician in detecting hypertension, differential diagnostics, issues of medical examination and EVN	2-5	2-5	2-5
5	Chronic hepatitis. Clinical and diagnostic criteria . Treatment at the outpatient and polyclinic stage. Medical examination. Issues of examination of working capacity.	2-5	2-5	2-5
6	Liver cirrhosis. Clinical and diagnostic criteria . Treatment at the outpatient and polyclinic stage. Medical examination. Issues of examination of working capacity.	2-5	2-5	2-5
7	Principles of early diagnosis, treatment, prevention and assessment of working capacity in chronic gastritis.	2-5	2-5	2-5
8	Principles of early diagnosis, treatment, prevention and assessment of working capacity in peptic ulcer disease.	2-5	2-5	2-5
9	Abdominal pain syndrome, differential diagnostics. Principles of diagnostics, treatment, EVN	2-5	2-5	2-5
10	Control lesson #1. MAI term test control	2-5	2-5	2-5
Average score		2-5	2-5	2-5

**X semester**

No. p /p	Topic of the practical lesson	Theoretical Part	Practical part	General rating
1.	Principles of early diagnosis, treatment, prevention and assessment of working capacity in acute bronchitis	2-5	2-5	2-5
2	Primary and secondary prevention is one of the main tasks of a local therapist.	2-5	2-5	2-5
3	Organization of preventive medical examinations	2-5	2-5	2-5
4	Differential diagnosis of chest pain in outpatient settings. Principles of early diagnosis, treatment, prevention and assessment of working capacity.	2-5	2-5	2-5
5	Principles of early diagnosis, treatment, prevention and assessment of working capacity in myocarditis	2-5	2-5	2-5
6	Principles of early diagnosis, treatment, prevention and assessment of working capacity in NCD	2-5	2-5	2-5
7	Principles of early diagnosis, treatment, prevention and assessment of working capacity in NCD	2-5	2-5	2-5
8	Differential diagnosis of urinary syndrome in outpatient settings. Chronic pyelonephritis , diagnostics, issues of medical examination and EVN	2-5	2-5	2-5
9	Principles of spa selection and treatment of the main most common diseases.	2-5	2-5	2-5
10	Control lesson by sections	2-5	2-5	2-5
Average score				2-5

### Rating scales for ongoing knowledge control

The success of students in mastering the discipline "Outpatient Therapy", practical skills and abilities is characterized by a qualitative assessment and is assessed on a 5-point system: "5" - excellent, "4" - good, "3" - satisfactory, "2" - unsatisfactory. The conversion of the mark into a point scale is carried out according to the following scheme:

Success rate	Mark on a 5-point scale
90-100%	"5"
80-89%	"4"
70-79%	"3"
Below 70%	"2"

### Assessment criteria (grades) of the theoretical part

" **Excellent** " - for the depth and completeness of mastery of the content of the educational material, in which the student easily navigates, for the ability to combine theoretical questions with practical ones , express and justify their judgments, correctly and logically present the answer; when testing, allows up to 10% of erroneous answers.

" **Good** " - the student has fully mastered the educational material, is oriented in it, and correctly states the answer, but the content and form have some inaccuracies; during testing, allows up to 20% of incorrect answers.

" **Satisfactory** " - the student has mastered the knowledge and understanding of the main provisions of the educational material, but presents it incompletely, inconsistently, does not know how to express and justify his/her judgments; during testing, allows up to 30% of erroneous answers.

" **Unsatisfactory** " - the student has fragmented and unsystematic knowledge of the educational material, is unable to distinguish between the main and the secondary, makes mistakes in defining concepts, distorts their meaning, presents the material in a disorderly and uncertain manner, and makes more than 30% of erroneous answers during testing.

#### **Assessment criteria for the practical part**

" **Excellent** " - the student has fully mastered the practical skills provAIed by the program (correctly interprets the patient's complaints, anamnesis, objective examination data, formulates a clinical diagnosis, prescribes examination and treatment, and interprets clinical, laboratory and instrumental indicators taking into account the norm, conducts an examination of the EVI, medical examination, knows and prepares medical documentation, correctly interprets orders, has fully mastered the practical skills in diagnosing the respiratory system in a simulation class)

" **Good** " - the student has fully mastered the practical skills provAIed by the program, as well as practical skills in diagnosing the respiratory system in a simulation class, but allows for some inaccuracies

" **Satisfactory** " - the student has only some practical skills provAIed by the program

" **Unsatisfactory** " - practical skills provAIed by the program are performed with gross errors

Based on the results of different assessments, an average grade is given in favor of the student.

#### ***Working off disciplinary debts.***

If a student misses a class for a valAI reason, he/she has the right to make it up and receive the maximum grade provAIed for by the course work program for that class. A valAI reason must be documented.

If a student misses a class for an unjustified reason or receives a grade of "2" for all activities in the class, he is required to make it up.

If a student is excused from a class at the request of the dean's office (participation in sports, cultural and other events), then he is given a grade of "5" for this class, provAIed that he submits a report on the completion of mandatory extracurricular independent work on the topic of the missed class.

#### **2.5.2. Criteria for assessing knowledge of 6th year students**

<b>Distribution of marks in practical classes X 1 semester</b>				
No. p /p	Topic of the practical lesson	Theor Part	Practic al part	Gene ral grade
1.	Organization of work of district physician and general practitioner.	2-5	2-5	
2	Medical examination of the population Preventive consultation within the framework of medical examination of the adult population. General principles	2-5	2-5	2-5
3	Expertise of working capacity as one of the functional duties of a polyclinic doctor. Clinical expert work and principles of medical and social expertise in outpatient settings	2-5	2-5	
4	Broncho-obstructive syndrome in the practice of a polyclinic doctor. Expertise of working capacity in diseases of the bronchopulmonary system. Features of the course and treatment of diseases of the bronchopulmonary system in the elderly and old age.	2-5	2-5	
5	Community-acquired pneumonia. Principles of early diagnosis and	2-5	2-5	

	treatment in outpatient settings . Diagnostic and tactical errors in the practice of a district therapist.			
6	Bronchial asthma. Principles of early diagnostics and treatment in outpatient settings.	2-5	2-5	
7	IHD . Senocardia, differential diagnosis with myocardial infarction. Rehabilitation of patients who have suffered myocardial infarction in a polyclinic.	2-5	2-5	
8	Gerontology . On the specifics of diagnostics and treatment of somatic pathology in elderly and senile individuals.. Specifics of the course and treatment of cardiovascular diseases in the elderly and senile.	2-5	2-5	
9	Symptomatic hypertension. Principles of early diagnosis and treatment in outpatient settings	2-5	2-5	
10	Control lesson by sections	2-5	2-5	
Average score		2-5	2-5	2-5

<b>X11 semester</b>				
<b>No. p /p</b>	<b>Topic of the practical lesson</b>	<b>Theoretical Part</b>	<b>Practicality</b>	<b>About the mark</b>
1.	Chronic glomerulonephritis. Principles of early diagnostics. Differential diagnostics and treatment in outpatient settings.	2-5	2-5	2-5
2	Chronic pancreatitis. Principles of early diagnosis and treatment in outpatient settings. ET .D. dispensarization	2-5	2-5	2-5
3	Chronic cholecystitis. Principles of early diagnostics. Differential diagnostics and treatment in outpatient settings. Assessment of working capacity. Medical examination.	2-5	2-5	2-5
4	Functional bowel diseases, differential diagnostics and treatment in outpatient settings . E T in diseases of the gastrointestinal tract. Features of the course and treatment of diseases of the gastrointestinal tract in the elderly and old age.	2-5	2-5	2-5
5	Congestive heart failure. Principles of early diagnosis and treatment in outpatient settings. Expertise of working capacity .	2-5	2-5	
6	Prolonged subfebrile condition in the practice of a polyclinic therapist	2-5	2-5	
7	Oncovigilance in the practice of a district therapist . Chronic pain. General principles of treatment of patients with chronic pain in outpatient settings . Standards and norms of palliative care.	2-5	2-5	2-5
8	Differential diagnosis of articular syndrome in outpatient settings. Principles of early diagnosis, treatment	2-5	2-5	
9	Anemic syndrome in the practice of a local doctor. Iron deficiency anemia, B12 deficiency anemia.	2-5	2-5	
10	Control lesson by sections	2-5	2-5	2-5
Average score		2-5	2-5	2-5

#### **Rating scales for ongoing knowledge control**

The success of students in mastering the discipline (topics/sections), practical skills and abilities is characterized by a qualitative assessment and is assessed on a 5-point scale: "5" - excellent, "4" - good, "3" - satisfactory, "2" - unsatisfactory. The conversion of the mark into a point scale is carried out according to the following scheme:

Mark on a 5-point scale	Quality of development
"5" - excellent	90-100%
"4" - good	80-89
"3" - satisfactory	70-79
"2" - unsatisfactory	less than 70%

#### Assessment criteria (grades) of the theoretical part

" **Excellent** " - for the depth and completeness of mastery of the content of the educational material, in which the student easily navigates, for the ability to combine theoretical questions with practical ones, express and justify their judgments, correctly and logically present the answer; when testing, allows up to 10% of erroneous answers.

" **Good** " - the student has fully mastered the educational material, is oriented in it, and correctly states the answer, but the content and form have some inaccuracies; during testing, allows up to 20% of incorrect answers.

" **Satisfactory** " - the student has mastered the knowledge and understanding of the main provisions of the educational material, but presents it incompletely, inconsistently, does not know how to express and justify his/her judgments; during testing, allows up to 30% of erroneous answers.

" **Unsatisfactory** " - the student has fragmented and unsystematic knowledge of the educational material, is unable to distinguish between the main and the secondary, makes mistakes in defining concepts, distorts their meaning, presents the material in a disorderly and uncertain manner, and makes more than 30% of erroneous answers during testing.

#### Assessment criteria for the practical part

" **Excellent** " - the student has fully mastered the practical skills provided by the program (correctly interprets the patient's complaints, anamnesis, objective examination data, formulates a clinical diagnosis, prescribes examination and treatment, and interprets clinical, laboratory and instrumental indicators taking into account the norm, conducts an examination of the EVI, medical examination, knows and prepares medical documentation, correctly interprets orders, has fully mastered practical skills in a simulation class)

" **Good** " - the student has fully mastered the practical skills provided by the program, but makes some inaccuracies.

" **Satisfactory** " - the student has only some practical skills

" **Unsatisfactory** " - practical skills are performed with gross errors

#### Working off disciplinary debts

If a student misses a class for a valid reason, he/she has the right to make it up and receive the maximum grade provided for by the course work program for that class. A valid reason must be documented.

If a student misses a class for an unjustified reason or receives a grade of "2" for all activities in the class, he is required to make it up.

If a student is excused from a class at the request of the dean's office (participation in sports, cultural and other events), then he is given a grade of "5" for this class, provided that he submits a report on the completion of mandatory extracurricular independent work on the topic of the missed class.

#### Criteria for final assessment (midterm assessment)

Interim certification is carried out in 2 stages:

1. Passing practical skills (competencies) at the Simulation and Certification Center.
2. Answers to the questions on the examination ticket.

" **Great** " - for the depth and completeness of mastering the content of the educational material, in which the student easily navigates, for the ability to connect theoretical questions with practical ones, express and justify their judgments, correctly and logically present the answer; when testing, allows up to 10% of erroneous answers. Practical skills and abilities provided for by the working program of the discipline are fully mastered.

**"Good"** - the student has fully mastered the educational material, is oriented in it, correctly states the answer, but the content and form have some inaccuracies; during testing allows up to 20% of erroneous answers. Completely practical skills and abilities provided by the working program of the discipline, but allows some inaccuracies

**"Satisfactory"** - the student has mastered the knowledge and understanding of the main provisions of the educational material, but presents it incompletely, inconsistently, does not know how to express and justify his judgments; when testing, allows up to 30% of erroneous answers. Has only some practical skills and abilities.

**"Unsatisfactory"** - the student has fragmented and unsystematic knowledge of the educational material, is unable to distinguish between the main and secondary, makes mistakes in defining concepts, distorts their meaning, presents the material in a disorderly and uncertain manner, and makes more than 30% of erroneous answers during testing. Performs practical skills and abilities with gross errors.

Based on the results of different assessments, an average grade is given in favor of the student.

A student can claim to receive an "excellent" grade automatically if he/she has won a prize in disciplinary or interdisciplinary Olympiads (university, regional) and has an average grade for the current academic performance of at least 4.8 points. A student can refuse the "automatic" grade and take an exam or test together with a group on a general basis.

The conversion of the mark into a binary scale is carried out according to the following scheme:

Mark on a 5-point scale	Binary scale
"5"	passed
"4"	passed
"3"	passed
"2"	not credited

## 2.6. Independent work of students: in-class, out-of-class

### Independent classroom work of students:

The main didactic tasks of independent work of students under the guidance of a teacher: consolidation of knowledge and skills acquired in the process of studying an academic discipline, in lectures and practical classes; prevention of their forgetting; expansion and deepening of educational material; formation of the ability and skills of independent work; development of independence of thinking and creative abilities of students.

#### Independent classroom work:

- testing current knowledge on the topic of the lesson, carried out in the form of a test
- familiarization with the teaching aids, tables, and diagrams available at the department
- individual work with mastering the filling of accounting and reporting documentation
- solving situational problems
- writing stage-by-stage medical reports for outpatients, patient rehabilitation plans

#### Extracurricular independent work of students:

The following can be used as the main forms of extracurricular independent work: studying the main and additional educational and scientific literature; preparing oral reports; writing essays; conducting analyses of the activities of a local doctor. This type of educational activity should be based on the activity, initiative, consciousness and self-activity of students.

The quality of the performance of extracurricular independent work is assessed differentially in points (according to the criteria of the point-rating assessment of students' knowledge) depending on the level of complexity of the performance.

#### Abstracts:

Homework (abstracts) are considered an integral part of the learning process. They are necessary to expand and deepen the educational material worked out in lectures and practical assignments, as well as to develop the skills of independent thinking and creativity. At the same time, by presenting their homework (abstracts) and defending them in practical classes, students

acquire the skills of public presentation of their work, master the ability to conduct scientific discussions.

**The topics of the papers** can be chosen by students independently in consultation with the teacher, or from the list below:

- Fever of unknown origin.
- Benign bilirubinemia.
- Secondary nephropathy.
- Oncological blood diseases.
- Restructuring of healthcare.
- Metabolic syndrome.
- Gastroesophageal reflux disease.
- Sleep apnea syndrome.
- Pickwickian syndrome.
- Osteoporosis
- Oncological diseases of soft tissues.

**Extracurricular independent work of students**

№ p /p	Topic of a practical lesson (seminar, etc.) or topic of a section of a discipline	Time for student preparation for the lesson	Forms of extracurricular independent work of a student	
			Mandatory and the same for all students	At the student's choice
<b>IX-X semester</b>				
1	Organization of medical and preventive care in a polyclinic setting.	2.4 hours	Preparation on theoretical issues (lectures on basic and additional literature) ry, methodological recommendations data , abstracting, drawing up a summary, diagram, algorithm, etc.), solving a test task (in writing) (in a personal form). Design of a workbook, work in the Internet classroom	Album design: "Polyclinic performance indicators"
2	Features of work you are a local general practitioner. Documentation of the clinic doctor. Features of provAling medical assistance cabbage soup for people, I have who have the right to additional complementary social medical assistance. The procedure for issuing prescriptions by the local therapist	2.4 hours	Preparation for theoretical skim question m ( lecture reading, main and additional literature tours, methodical rec recommendations , abstracting, drawing up notes, diagrams, algorithms, etc.), solutions test task ( in written form). Ofo working on a workbook, working in an Internet classroom	Report on the topic: "Compilation plot passports"
3	Tasks and organization of	2.4 hours	Preparation for theoretical issues	Drawing up a rehabilitation

	examination of working capacity in the clinic. Procedure for issuing and registration of sick leave certificates abilities		(lecture reading on basic and additional literature, methodological recommendations, data, abstracting, drawing up notes, diagrams, algorithms, etc.), solving a test task (in writing) (in a personal form). Design of a workbook, work in the Internet classroom	plan for a disabled person with a primary illness
4	Hypertension, the activities of a local physician in detecting hypertension, differential diagnostics, issues of medical examination and EVN	2.4 hours	Preparation for theoretical issues (lecture reading on basic and additional literature, methodological recommendations, data, abstracting, drawing up a summary, diagram, algorithm, etc.), solving a test task (in writing). Form workbook swipe, work in internet class	Abstract on the topic: "Selection of health resort zones for the rehabilitation of patients with cardiovascular pathology"
5	Chronic hepatitis. Clinical and diagnostic criteria. Treatment at the outpatient and polyclinic stage. Medical examination. Issues of examination of working capacity	2.4 hours	Preparation for theoretical questions (reading, about the main and additional literature, methodological recommendations, abstraction, making notes, diagrams, algorithms, etc.), solving a test task (in writing) (in a personal form). Design of a workbook, work in the Internet classroom	Abstract, created multimedia dynamic presentation: "Viral hepatitis"
6	Liver cirrhosis. Clinical diagnostic criteria. Treatment at the outpatient and polyclinic stage. Medical examination. Issues of examination of working capacity.	2.4 hours	Preparation for theoretical issues (reading, about the main and additional literature, methodological recommendations, data, abstracting, drawing up a summary, diagram, algorithm, etc.), solving a test task (in writing) in a new form). Design of a workbook, work in the Internet class	Abstract, documentary on the topic: Questions of the next relations between the politicians and oncology dispensary
7	Principles of early diagnosis, treatment, prevention and assessment of working capacity in chronic gastritis	2.4 hours	Preparation on theoretical issues (lecture reading, basic and additional literature, methodological recommendations, abstracting, drawing up notes, diagrams, algorithms, etc.), solving a test	creating a multimedia presentation: "Non-drug methods of treating gastrointestinal"

			task (in writing) in a new form ). Design of a workbook, work in the Internet class	diseases"
8	Principles of early diagnosis, treatment, prevention and assessment of working capacity in peptic ulcer disease .	2.4 hours	Preparation for theoretical kim question m( reading lek tions , about the main and additional literature, methodological recommendations dation , abstraction, sos making notes , diagrams , algorithms, etc.), solving a test task (in writing) (in a personal form). Design of a workbook, work in the Internet classroom	Tablet design: "Treatment of peptic ulcer"
9	Abdominal pain syndrome, differential diagnostics. Principles of diagnostics, treatment, EVN	2.4 hours	Preparation for theoretical kim question m( reading lek tions , about the main and additional literature, methodological recommendations dation , abstraction, sos making notes , diagrams , algorithms, etc.), solving a test task (in writing) (in a personal form). Design of a workbook, work in the Internet classroom	creating a multimedia presentation
10	Control lesson on the section	2.4 hours	Preparation for theoretical kim question m( reading lek tions , about the main and additional literature, method recommendations , abstracting, drawing up a conceptual outline, diagram, algorithm, etc.), solving a test problem dani ya ( in writing). Registration of the work tet for the sake of , work in the Internet class	Create a situational problem on a given topic
11	Principles of early diagnosis, treatment, prevention and assessment of working capacity in acute bronchitis	2.4 hours	Preparation for theoretical kim question m( reading lek tions , about the main and additional literature, methodological recommendations dation , abstraction, sos making notes , diagrams , algorithms, etc.), solving a test task (in writing) (in a personal form). Design of a workbook, work in the	Abstract, report, multimedia presentation

			Internet classroom	
12	Primary and secondary prevention is one of the main tasks of a local therapist.	2.4 hours	Preparation for theoretical kin question m( reading lek tions , about the main and additional literature, methodological recommendations dation , abstraction, sos making notes , diagrams , algorithms, etc.), solving a test task (in writing) (in a personal form). Design of a workbook, work in the Internet classroom	Report on the topic: "A healthy lifestyle is the key to good health"
13	Organization of preventive medical examinations	2.4 hours	Preparation for theoretical kin question m( reading lek tions , about the main and additional literature, methodological recommendations dation , abstraction, sos making notes , diagrams , algorithms, etc.), solving a test task (in writing) (in a personal form). Design of a workbook, work in the Internet classroom	creating a multimedia presentation
14	Differential diagnosis of chest pain in outpatient settings. Principles of early diagnosis, treatment, prevention and assessment of working capacity.	2.4 hours	Preparation for theoretical kin question m( reading lek tions , about the main and additional literature, methodological recommendations dation , abstraction, sos making notes , diagrams , algorithms, etc.), solving a test task (in writing) (in a personal form). Design of a workbook, work in the Internet classroom	creating a multimedia presentation Make a plan for examining a patient with chest pain
15	Principles of early diagnosis, treatment, prevention and assessment of working capacity in myocarditis	2.4 hours	Preparation for theoretical kin question m( reading lek tions , about the main and additional literature, methodological recommendations dation , abstraction, sos making notes , diagrams , algorithms, etc.), solving a test task (in writing) (in a personal form). Design of a workbook, work in the Internet classroom	Make a plan for examining a patient with myocarditis
16	Principles of early diagnosis, treatment, prevention and	2.4 hours	Preparation for theoretical kin question m( reading lek tions , about the main and	creating a multimedia presentation

	assessment of working capacity in NCD		additional literature, methodological recommendations (reading, abstraction, solving a test task (in writing) (in a personal form). Design of a workbook, work in the Internet classroom	
17	Principles of early diagnosis, treatment, prevention and assessment of working capacity in acute respiratory viral infections	2.4 hours	Preparation for theoretical lesson (reading, abstraction, solving a test task (in writing) (in a personal form). Design of a workbook, work in the Internet classroom	creating a multimedia presentation Make a plan for examining the patient
18	Differential diagnosis of urinary syndrome in outpatient settings. Diagnostics, issues of medical examination and examination of working capacity	2.4 hours	Preparation for theoretical lesson (reading, abstraction, solving a test task (in writing) (in a personal form). Design of a workbook, work in the Internet classroom	creating a multimedia presentation
19	Principles of selection and treatment of the main most common diseases	2.4 hours	Preparation for theoretical lesson (reading, abstraction, solving a test task (in writing) (in a personal form). Design of a workbook, work in the Internet classroom	Report on the topic: "Sanatorium and resort treatment"
20	Control lesson on the section	2.4 hours	Preparation for theoretical lesson (reading, abstraction, solving a test task (in writing) (in a personal form). Design of a workbook, work in the Internet classroom	Create a situational problem on a given topic

			making notes , diagrams , algorithms, etc.), solving a test task (in writing) (in a personal form). Design of a workbook, work in the Internet classroom	
<b>Labor intensity in hours</b>	48	40		8
Total labor intensity in hours	48 hours			

<b>XI-XII semester</b>				
1	Organization of the work of a district doctor and a general practitioner	3.6	Preparation for theoretical questions (reading lectures) , about the main and additional literature, methodological recommendations , abstraction, sos making notes , diagrams , algorithms, etc.), solving a test task (in writing) (in a personal form). Design of a workbook, work in the Internet classroom	Abstract, creation of a multimedia presentation Create a passport for a primary care facility site
2	Main aspects of medical examination of the adult population. Preventive consultation within the framework of medical examination of the adult population. General principles	3.6	Preparation for theoretical questions (reading lectures) , about the main and additional literature, methodological recommendations , abstraction, sos making notes , diagrams , algorithms, etc.), solving a test task (in writing) (in a personal form). Design of a workbook, work in the Internet classroom	Abstract, creation of a multimedia presentation To compile a list of indicators for assessing the quality of EVN at a medical site
3	Labor expertise abilities as one of the functions of the clinic doctor . Principles of the organization of the clinic and conducting medical and social expertise.	3.6	Preparation for theoretical questions (reading lectures) , about the main and additional literature, methodological recommendations , abstraction, sos making notes , diagrams , algorithms, etc.), solving a test task (in writing) (in a personal form). Design of a workbook, work in the Internet classroom	Fill out registration form No. 16 for the therapeutic area
4	Broncho-obstructive syndrome in the practice of a polyclinic physician.	3.6	Preparation for theoretical questions (reading lectures) , about the main and additional literature, methodological recommendations , abstraction, sos making notes , diagrams , algorithms, etc.), solving a test task (in writing) (in a personal form). Design of a workbook, work in the Internet classroom	Fill out a referral form for the Medical and Social Expertise

	Features of the course and treatment of diseases of the bronchopulmonary system in the elderly and senile age.		literature, methodological recommendations , abstraction, sos making notes , diagrams , algorithms, etc.), solving a test task (in writing) (in a personal form). Design of a workbook, work in the Internet classroom	for a patient with a therapeutic pathology
5	Community-acquired pneumonia. Principles of early diagnosis and treatment in outpatient settings. Assessment of working capacity. Medical examination .	3.6	Preparation for theoretical kim question m( reading lek tions , about the main and additional literature, methodological recommendations , abstraction, sos making notes , diagrams , algorithms, etc.), solving a test task (in writing) (in a personal form). Design of a workbook, work in the Internet classroom	Abstract : " Complications of pneumonia" creating a multimedia presentation
6	Bronchial asthma. Principles of early diagnosis and treatment in outpatient settings.	3.6	Preparation for theoretical kim question m( reading lek tions , about the main and additional literature, methodological recommendations , abstraction, sos making notes , diagrams , algorithms, etc.), solving a test task (in writing) (in a personal form). Design of a workbook, work in the Internet classroom	Abstract creation of a multimedia presentation, Make a plan for dispensary observation
7	IHD . With tenocardia. Differential diagnosis with myocardial infarction. Rehabilitation of patients who have suffered myocardial infarction in a polyclinic	3.6	Preparation for theoretical kim question m( reading lek tions , about the main and additional literature, methodological recommendations , abstraction, sos making notes , diagrams , algorithms, etc.), solving a test task (in writing) (in a personal form). Design of a workbook, work in the Internet classroom	Abstract, creation of a multimedia presentation
8	Gerontology . About diagnostic features. ki and treatment of somatic pathology and in elderly and senile persons that. Features of that	3.6	Preparation for theoretical kim question m( reading lek tions , about the main and additional literature, methodological recommendations , abstraction, sos making notes , diagrams ,	Abstract, creation of a multimedia presentation, participation in a creative task

	treatment and cure of heart diseases nasovasular system we are in old and senile age		algorithms, etc.), solving a test task (in writing) (in a personal form). Design of a workbook, work in the Internet classroom	
9	Symptomatic hypertension. Principles of early diagnostics and treatment in outpatient settings . Differential diagnostics. Expertise of working capacity. Medical examination.	3.6	Preparation for theoretical kim question m( reading lek tions , about the main and additional literature, methodological recommendations dation , abstraction, sos making notes , diagrams , algorithms, etc.), solving a test task (in writing) (in a personal form). Design of a workbook, work in the Internet classroom	Abstract, creation of a multimedia presentation, participation in a creative task Make a plan for examining the patient
10	Control lesson on the section	3.6	Preparation for theoretical kim question m( reading lek tions , about the main and additional literature, methodological recommendations dation , abstraction, sos making notes , diagrams , algorithms, etc.), solving a test task (in writing) (in a personal form). Design of a workbook, work in the Internet classroom	Abstract, creation of a multimedia presentation
11	Chronic glomerulonephritis. Principles of early diagnostics and treatment in outpatient settings. Assessment of working capacity . Medical examination .	1.8	Preparation for theoretical kim question m( reading lek tions , about the main and additional literature, methodological recommendations dation , abstraction, sos making notes , diagrams , algorithms, etc.), solving a test task (in writing) (in a personal form). Design of a workbook, work in the Internet classroom	Abstract , creation of a multimedia presentation Make a plan for examining the patient
12	Chronic pancreatitis. Principles of early diagnostics and treatment in outpatient settings. Assessment of working capacity . Medical examination .	1.8	Preparation for theoretical kim question m( reading lek tions , about the main and additional literature, methodological recommendations dation , abstraction, sos making notes , diagrams , algorithms, etc.), solving a test task (in writing) (in a personal form). Design of a workbook, work in the	Abstract, creation of a multimedia presentation Make a plan for examining the patient

			Internet classroom	
13	Chronic cholecystitis. Principles of early diagnosis and treatment in outpatient settings. Examination of working capacity . Medical examination	1.8	Preparation for theoretical kim question m( reading lek tions , about the main and additional literature, methodological recommendations dation , abstraction, sos making notes , diagrams , algorithms, etc.), solving a test task (in writing) (in a personal form). Design of a workbook, work in the Internet classroom	Abstract, creation of a multimedia presentation Create a situational task on the topic of the lesson
14	Functional bowel diseases nika, differential diagnostics and treatment in the outpatient department conditions . Features of the flow and treatment of diseases left ventricle but-intestinal tract and in old and old a young age .	1.8	Preparation for theoretical kim question m( reading lek tions , about the main and additional literature, methodological recommendations dation , abstraction, sos making notes , diagrams , algorithms, etc.), solving a test task (in writing) (in a personal form). Design of a workbook, work in the Internet classroom	Abstract, creation of a multimedia presentation
15	Congestive Heart Failure. Principles of Early Diagnosis and Treatment in Outpatient Settings. Assessment of Working Capacity	1.8	Preparation for theoretical kim question m( reading lek tions , about the main and additional literature, methodological recommendations dation , abstraction, sos making notes , diagrams , algorithms, etc.), solving a test task (in writing) (in a personal form). Design of a workbook, work in the Internet classroom	Abstract, creation of a multimedia presentation
16	Prolonged subfebrile condition in the practice of a polyclinic therapist	1.8	Preparation for theoretical kim question m( reading lek tions , about the main and additional literature, methodological recommendations dation , abstraction, sos making notes , diagrams , algorithms, etc.), solving a test task (in writing) (in a personal form). Design of a workbook, work in the Internet classroom	Abstract, creation of a multimedia presentation
17	Chronic pain . General principles of	1.8	Preparation for theoretical kim question m( reading lek	Abstract, creation of a

	treatment of patients with chronic pain in outpatient settings. Standards and norms of palliative care.		tions , about the main and additional literature, methodological recommendations dation , abstraction, sos making notes , diagrams , algorithms, etc.), solving a test task (in writing) (in a personal form). Design of a workbook, work in the Internet classroom	multimedia presentation Make a plan for examining the patient
18	Differential diagnosis of articular syndrome in outpatient settings. Principles of early diagnosis, treatment	1.8	Preparation for theoretical kim question m( reading lek tions , about the main and additional literature, methodological recommendations dation , abstraction, sos making notes , diagrams , algorithms, etc.), solving a test task (in writing) (in a personal form). Design of a workbook, work in the Internet classroom	Abstract, creation of a multimedia presentation
19	Anemic syndrome in the practice of district doctors Govracha. Zhelezode deficiency anemia, B12-deficiency anemia. Principles of early diagnosis ki and treatment in outpatient settings viyah. Expertise of working capacity. Medical examination.	1.8	Preparation for theoretical kim question m( reading lek tions , about the main and additional literature, methodological recommendations dation , abstraction, sos making notes , diagrams , algorithms, etc.), solving a test task (in writing) (in a personal form). Design of a workbook, work in the Internet classroom	Abstract, creation of a multimedia presentation
20	Control lesson on the section	1.8	Preparation for theoretical kim question m( reading lek tions , about the main and additional literature, methodological recommendations dation , abstraction, sos making notes , diagrams , algorithms, etc.), solving a test task (in writing) (in a personal form). Design of a workbook, work in the Internet classroom	Abstract, creation of a multimedia presentation, participation in a conference or creative task
<b>Labor intensity in hours</b>		54	50	4
			54	
<b>Total labor intensity (in hours) 1X .X ,X1,X11</b>			102	

## 2.7. Research (project) work of students

The students' research work includes: preparation of abstract reports on various issues of modern medicine and their presentation at the SSS meeting; collection and processing of material on the quality of medical care in primary health care with a presentation at the final scientific conference of the SSS. The Student Scientific Society (SSS) is held in the form of round tables or scientific conferences. Also, during the educational process, scientific and practical conferences are held on topics chosen by teachers, on current issues of medicine.

At these meetings, current and complex, in terms of diagnostics, medical issues are discussed, the histories of patients with incurable or rare diseases are considered, methods of therapeutic management of such patients are analyzed, the pros and cons of the chosen treatment tactics are discussed. All this helps students better understand the etiology of the disease, learn the correct tactics of subsequent treatment of the patient.

As part of the scientific research work of students, with the aim of developing professional competencies, the following types of research work are carried out at the department:

<i>Nature of work.</i>	<i>The nature of educational and research elements</i>	<i>Responsible</i>	<i>Assessment form</i>
1. Analysis of the quality of medical care provided to patients with community-acquired pneumonia in therapeutic areas.	Strengthening practical skills in working with medical documentation, development of clinical thinking, scientific research abilities	Teachers	Testing the implementation of practical research skills
2. Analysis of the validity of issuing sick leave certificates to outpatients.	Consolidation of knowledge on EWS, development of clinical thinking, research abilities	Teachers	Checking the implementation of practical skills, and then working methods features
3. Making plans dispensary observation of patients with coronary heart disease.	Strengthening practical skills in working with documentation and assessing the quality of medical examinations, developing clinical thinking	Teachers	Checking the performance of practical skills
4. Analysis of the quality of treatment of patients with biliary system diseases in therapeutic areas	Consolidation of practical skills in statistical processing of primary scientific documentation, development of clinical thinking, mastering the principles of ultrasound.	Teachers	Checking the completion of practical tasks, forging, research, sports abilities
5. Compilation of situational tasks on the topic of the classes	Development of clinical thinking and research skills	Teachers	Checking the completion of practical tasks, skills, creative abilities
6. Preparation of abstracts on current issues in medicine	Mastering the skills of working with medical scientific literature, developing mental abilities, clinical thinking	Teachers	Performance in a group, at the stake, research, verification skills
7. Participation in conducting preventive medical examinations under the additional medical examination program, processing and analysis of medical examination	Strengthening the skills of a district doctor, preparation of accounting and reporting documentation, with subsequent analysis of data for use in a report at a scientific	Teachers	Testing practical skills, research producing abilities

data	conference		
8. Production of stands, tablets, preparation of multimedia presentations	Formation of creative, research, mental abilities	Teachers	Checking the practice tical skills, creative abilities

### 3. Educational, methodological and informational support of the discipline.

#### 3.1. Primary literature

	<b>Name of textbooks, teaching aAIs, methodological manuals, developments and recommendations</b>	<b>Links</b>
1	Polyclinic therapy : textbook / ed. Larinoy V. N. - Moscow : GEOTAR-Media, 2022. - 648 p. - ISBN 978-5-9704-6528-8. - Text : electronic // EBS "Student consultant" [site].- URL:	<a href="https://www.studentlibrary.ru/book/ISBN9785970465288.html">https://www.studentlibrary.ru/book/ISBN9785970465288.html</a>
2	Outpatient therapy: textbook / edited by I. L. Davydkin, Yu. V. ShchUCin. - 2nd ed. , revised and enlarged. - Moscow: GEOTAR-Media, 2022. - 840 p. - ISBN 978-5-9704-7199-9. - Text : electronic // Electronic Library System "Student Consultant": [website]. - URL :	<a href="https://www.studentlibrary.ru/book/ISBN9785970471999.html">https://www.studentlibrary.ru/book/ISBN9785970471999.html</a>
3	Outpatient therapy. Standards of medical care. Quality assessment criteria. Pharmacological reference book / compiled by A. I. Murtazin - Moscow : GEOTAR-Media, 2019. - 624 p. - ISBN 978-5-9704-5087-1. - Text : electronic // Electronic library system "Student consultant" [website].- URL:	<a href="http://www.studmedlib.ru/book/ISBN9785970450871.html">http://www.studmedlib.ru/book/ISBN9785970450871.html</a>

#### 3.2. Further reading:

1	Strizhakov, A. N. Defects and minor anomalies of the heart, arrhythmias : a tutorial / A. N. Strizhakov, I. V. Ignatko, A. M. Rodionova, L. D. Belotserkovtseva. - Moscow : GEOTAR-Media, 2022. - 48 p. (Series "Fetal Medicine") - ISBN 978-5-9704-6448-9. - Text : electronic // EBS "Student Consultant" [website].- URL :	<a href="http://www.studmedlib.ru/book/ISBN9785970464489.html">http://www.studmedlib.ru/book/ISBN9785970464489.html</a>
---	---	---

2	RUCsin, V. V. Emergency outpatient cardiology: a brief guide / V. V. RUCsin. - 3rd ed., revised and additional. - Moscow: GEOTAR-Media, 2022. - 288 p. - ISBN 978-5-9704-6962-0. - Text : electronic // EBS "Student Consultant": [site]. - URL :	<a href="https://www.studentlibrary.ru/book/ISBN9785970469620.html">https://www.studentlibrary.ru/book/ISBN9785970469620.html</a>
3	Larina, V. N. Clinical norms. Therapy: standard / V. N. Larina - Moscow : GEOTAR-Media, 2021. - 256 p. - ISBN 978-5-9704-6297-3. - Text : electronic // EBS "Student Consultant": [website]. - URL :	<a href="https://www.studentlibrary.ru/book/ISBN9785970462973.html">https://www.studentlibrary.ru/book/ISBN9785970462973.html</a>
4	Pavlenko, V. I. AcAI-dependent and Helicobacter pylori-associated diseases in the practice of a district general practitioner : a tutorial / V. I. Pavlenko, O. M. Goncharova, I. P. Soluyanov. - Blagoveshchensk : Amur State Medical Academy of the Ministry of Health of the Russian Federation, 2021. - 171 p. - Text : electronic // Lan: electronic library system. - URL:	<a href="https://e.lanbook.com/book/192848">https://e.lanbook.com/book/192848</a>
5	Fundamentals of screening, prevention, diagnosis and treatment of the most common geriatric syndromes: a teaching manual for students of medical universities / A.A. Zuikova, E.Yu. Yesina, I.S. Dobrynina et al. - Voronezh: VSMU named after N.N. Burdenko (Voronezh), 2020. - 84 p. - Text: electronic // EBS "BUCap": [site]. - URL:	<a href="https://www.books-up.ru/ru/book/osnovy-skrininga-profilaktiki-diagnostiki-i-lecheniya-naibolee-chasto-vstrechayushih-sya-geriatricheskih-sindromov-15423489">https://www.books-up.ru/ru/book/osnovy-skrininga-profilaktiki-diagnostiki-i-lecheniya-naibolee-chasto-vstrechayushih-sya-geriatricheskih-sindromov-15423489</a>

### 3.3. Educational and methodological support for the discipline, prepared by the department staff:

1. Yusupova A.V. Anemic syndrome. . - Blagoveshchensk, 2010., 31 p.
2. Georgievskiy N.I. Differential diagnostics of jaundice. - Blagoveshchensk, 2010, 32 p.
3. Yusupova A.V. Hypertension. - Blagoveshchensk, 2010, 36 p.
4. Georgievskiy N.I. Jaundice in acute viral and chronic hepatitis. - Blagoveshchensk, 2010, 32 p.
5. Goncharova O.M. Ulcer disease. Chronic gastritis. - Blagoveshchensk, 2010., 63 p.
6. Georgievskiy N.I. Urinary syndrome . - Blagoveshchensk, 2010., 40 p.
7. Yusupova A.V. Symptomatic hypertension. - Blagoveshchensk, 2010., 32 p.
8. Goncharova O.M. **Differential** diagnosis of abdominal pain syndrome. - Blagoveshchensk, 2010., 23 p.
9. Lobanova E.V. Joint syndrome. - Blagoveshchensk, 2010., 44 p.

10. Lakotsenina O.Yu., Georgievskiy N.I. Current issues of temporary disability examination and the basics of medical examination of therapeutic patients. - Blagoveshchensk, 2010., 121 p.
11. Goncharova O.M. Differential diagnosis of abdominal pain syndrome. Chronic pancreatitis. - Blagoveshchensk, 2010., 44 p.
12. Lakotsenina, O.Yu. Georgievskiy N.I., Goncharova O.M., Lobanova E.V. Collection of test tasks on outpatient therapy. - Blagoveshchensk, 2010., 89 p.
13. Goncharova O.M., Lakotsenina O.Yu. Broncho-obstructive syndrome. Chronic obstructive pulmonary disease. Clinic. Diagnostics. Treatment in outpatient settings . - Blagoveshchensk, 2014., 16 p.
14. Goncharova O.M. Diseases of the gastrointestinal tract . Differential diagnostics. Clinic. Treatment. EVN and medical examination in outpatient settings . Part 1. - Blagoveshchensk, 2015., 146 p.
15. Lobanova E.V., Goncharova O.M. Sanatorium and resort treatment: principles of selection and treatment of the main, most common diseases" Part 1. - Blagoveshchensk, 2016., 42 p.
16. Goncharova O.M., Lobanova E.V. Sanatorium and resort treatment: principles of selection and treatment of the main, most common diseases" Part 2. - Blagoveshchensk, 2016., 51
17. Goncharova O.M. Organization of primary health care for the adult population. - Blagoveshchensk, 2016., 128 p.
18. Goncharova O.M. Current issues of examination of temporary disability of medical patients. - Blagoveshchensk, 2017, 71 p.
19. Goncharova O.M., Lobanova E.V. Feverish syndrome in the practice of a district therapist. - Blagoveshchensk, 2018., 43 p.
20. Pavlenko V.I., Goncharova O.M. Main aspects of organizing outpatient care for the adult population. - Blagoveshchensk, 2018., 43 p. 158 p.
21. AcAI-dependent and H elicobacter pylori- associated diseases in the practice of a local general practitioner: a tutorial - Blagoveshchensk, 2020, 213 p.
22. Pavlenko V.I., Goncharova O.M. The main aspects of organizing outpatient and polyclinic care for the adult population. 2nd edition, supplemented and revised. - Blagoveshchensk, 2023., 158 p.
23. Goncharova O.M., Pavlenko V.I. Electronic manual. Polyclinic - the leading healthcare institution in provAling primary health care to the population - Blagoveshchensk, 2023., 43 p. 172 p.

#### **Multimedia presentations:**

1. Broncho-obstructive syndrome in the practice of a local therapist
2. Pneumonia in the practice of a local therapist
3. Bronchial asthma in the practice of a local therapist
4. Chronic obstructive pulmonary disease in the practice of a local therapist
5. Liver cirrhosis in the practice of a local therapist
6. Chronic pyelonephritis in the practice of a local therapist
7. Chronic glomerulonephritis in the practice of a local therapist
- 8 Neurocirculatory dystonia in the practice of a local therapist
9. Rheumatoid arthritis in the practice of a local therapist
10. Gerontology in the practice of a local therapist
11. Lean clinic - a new model of medical organization.
12. Preventive counseling
13. Anemic syndrome in the practice of a local therapist
14. Symptomatic hypertension
15. Chronic pancreatitis in the practice of a therapist

16. Acute bronchitis in the practice of a local general practitioner
17. Myocarditis in the practice of a local general practitioner
18. Gastrointestinal diseases in old and senile age
19. Cardiomyopathy and cardiomyopathy in the practice of a local therapist.

**Lectures and ( SD):**

1. Organization of medical and preventive care in a polyclinic setting
2. Tasks and organization of examination of working capacity in a polyclinic
3. Principles of early diagnosis, treatment, prevention and assessment of working capacity in acute respiratory viral infections
4. Principles of early diagnosis, treatment, prevention and assessment of working capacity in acute bronchitis
5. Abdominal pain syndrome. Principles of diagnostics, differential diagnostics, EVN. Tactics of a local therapist.
6. Principles of early diagnosis, treatment, prevention and assessment of working capacity in chronic gastritis and peptic ulcer disease in outpatient settings
7. Principles of spa selection and treatment of the main most common diseases
8. Hypertension , the activities of a local doctor when detecting hypertension, differential diagnostics, issues of medical examination and EVN
9. Differential diagnosis of chest pain in outpatient settings, issues of medical examination and EVN
10. Principles of early diagnosis, treatment, prevention and assessment of working capacity in NCD
11. Principles of early diagnosis, treatment, prevention and assessment of working capacity in myocarditis
12. Differential diagnosis of urinary syndrome in outpatient settings. Principles of early diagnosis, treatment, prevention and assessment of working capacity
13. Chronic hepatitis . Clinical diagnostic criteria
14. Liver cirrhosis. Clinical and diagnostic criteria
15. Organization of the work of a general practitioner
16. Examination of working capacity as one of the functional responsibilities of a clinic doctor
17. Main aspects of medical examination of the adult population
18. Preventive counseling within the framework of medical examination of the adult population. General principles
19. Gerontology . On the specifics of diagnostics and treatment of somatic pathology in elderly and senile people
20. Features of the course and treatment of cardiovascular diseases in the elderly and old age.
21. Features of the course and treatment of gastrointestinal diseases in the elderly and old age.
22. Community-acquired pneumonia. Principles of early diagnosis and treatment in outpatient settings. Assessment of working capacity. Medical examination
23. Broncho-obstructive syndrome in the practice of a polyclinic doctor
24. Bronchial asthma. Principles of early diagnosis and treatment in outpatient settings
25. Symptomatic hypertension. Principles of early diagnosis and treatment in outpatient settings
26. Rehabilitation of patients who have suffered a myocardial infarction in a polyclinic
27. Congestive heart failure. Principles of early diagnosis and treatment in outpatient settings. Assessment of working capacity.
28. Myocardiopathies, myocardial dystrophies in the practice of a polyclinic doctor

29. Chronic pain . General principles of diagnosis and treatment in outpatient settings. Psychological aspects of palliative care.
30. IHD. Stenocardia. Principles of early diagnosis and treatment in outpatient settings.
31. Chronic cholecystitis. Principles of early diagnosis and treatment in outpatient settings.
32. Anemic syndrome in the practice of a local doctor
33. Chronic pancreatitis. Principles of early diagnosis and treatment in outpatient settings.
34. Functional bowel diseases
35. Prolonged subfebrile condition in the practice of a polyclinic therapist
36. Differential diagnosis of joint syndrome in outpatient settings.

**VAIeo films ( DVD ) ( prepared by the department staff):**

1. Collection of complaints and anamnesis at the initial appointment with a local general practitioner
2. Medical examination
3. Errors in the collection of complaints and anamnesis at the initial appointment with a local general practitioner
4. Methodology for determining the anatomical location of the digestive organs

**Photo materials**

1. "X-ray diagnostics of joint syndrome"

**3.4. Equipment used for the educational process**

<b>№ p /p</b>	<b>Name of equipped classrooms, facilities for practical classes (quantity, pcs.)</b>
<b>1</b>	Educational and methodological office Basic equipment: table-4 and chairs-9; bookcase.
<b>2</b>	Department classroom Basic equipment: board-1; tables-9 and chairs-23; cabinet-1, visual aAIs-21; stands-3.
<b>3</b>	Basic equipment: tables-1 and chairs-3; bookcase-1.
<b>4</b>	Main equipment: computer-1, tables-2 and chairs-3, bookcase-2, visual aAIs-23.
<b>5</b>	Department classroom Basic equipment: tables-2 and chairs-10; couch-1.
<b>6</b>	The department's classroom. Basic equipment: tables-7 and chairs-22; visual aAIs-14; stands-4.
<b>7</b>	The department's classroom. Basic equipment: tables-6 and chairs-12; visual aAIs-16; stands-4. <b>Simulation and Certification Center</b> Professional medical mannequin-trainer, simulating an adult for practicing respiratory system diagnostic techniques-2

**3.4.1 .Multimedia system with a laptop**

ECG machine

Classroom boards

Tables for all lesson topics

**3.4.5.Stands:**

1. Organization of the work of the district doctor – 2
2. Organization of the work of the Great Patriotic War
3. Organization of the EWN
4. Medical examination of the population
5. Information for students – 3
6. Hypertension – 2

7. COPD
8. Peptic ulcer – 2
9. Endoecological rehabilitation
10. Atherosclerosis
11. ARI
12. Acute bronchitis
13. Chronic cholecystitis
14. Community-acquired pneumonia
15. Arterial hypertension
16. Expertise of working capacity

**3.4.6. Handouts:** ECG, set of fluorograms, X -ray, set of forms of accounting and reporting documentation of a district physician - therapist, tasks, tests, archival outpatient cards, albums on the topics studied, standards for the provision of specialized care on the topics studied, orders of the Ministry of Health of the Russian Federation on the main problems of therapy (hypertension, coronary heart disease, COPD, CHF, etc. )

### 3.5. Professional databases, information reference systems, electronic educational resources

No. p /p	Resource name	Resource Description	Access	Resource address
Electronic library systems				
1	"Student Consultant" Electronic library of the medical university.	For students and teachers of medical and pharmaceutical universities. Provides access to electronic versions of textbooks, teaching aids and periodicals.	library, individual access	<a href="http://www.studmedlib.ru/">http://www.studmedlib.ru/</a>
2	"Doctor's Consultant" Electronic Medical Library.	The materials posted in the library have been developed by leading Russian specialists based on modern scientific knowledge (evidence-based medicine). The information has been prepared taking into account the position of the scientific and practical medical society (world, European and Russian) in the relevant specialty. All materials have undergone mandatory independent review.	library, individual access	<a href="http://www.rosmedlib.ru/cgi-bin/mb4x">http://www.rosmedlib.ru/cgi-bin/mb4x</a>
3	PubMed	Free search system in the largest medical bibliographic database MedLine. Documents medical and biological articles from specialized literature, and also provides links to full-text articles.	library, free access	<a href="http://www.ncbi.nlm.nih.gov/pubmed/">http://www.ncbi.nlm.nih.gov/pubmed/</a>
4	Oxford Medicine Online.	A collection of Oxford Press medical publications, bringing together over 350 titles into a single, cross-searchable resource. Publications include The Oxford Handbook of Clinical Medicine and The Oxford Textbook of Medicine, with electronic versions continually updated.	library, free access	<a href="http://www.oxfordmedicine.com">http://www.oxfordmedicine.com</a>
5	Human Biology	Reference information on physiology,	library, free	<a href="http://humb">http://humb</a>

	Knowledge Base	cell biology , genetics , biochemistry , immunology , pathology . (Resource of the Institute of Molecular Genetics of the Russian Academy of Sciences .)	access	<a href="http://io.ru/">io.ru/</a>
6	Medical online library	Free reference books, encyclopedias, books, monographs, abstracts, English-language literature, tests.	library, free access	<a href="http://med-lib.ru/">http://med-lib.ru/</a>
Information systems				
7	Russian Medical Association	Professional Internet resource. Objective: to facilitate the implementation of effective professional activities of medical personnel. Contains the charter, personalities, structure, rules of entry, information about the Russian Medical Union.	library, free access	<a href="http://www.rmass.ru/">http://www.rmass.ru/</a>
8	Web medicine.	The site presents a catalog of professional medical resources, including links to the most authoritative subject sites, journals, societies, as well as useful documents and programs. The site is intended for doctors, students, employees of medical universities and scientific institutions.	library, free access	<a href="http://webmed.irkutsk.ru/">http://webmed.irkutsk.ru/</a>
Databases				
9	World Health Organization	The site contains news, statistics on countries that are members of the World Health Organization, fact sheets, reports, WHO publications and much more.	library, free access	<a href="http://www.who.int/ru/">http://www.who.int/ru/</a>
10	Ministry of Science and Higher Education of the Russian Federation.	The website of the Ministry of Science and Higher Education of the Russian Federation contains news, newsletters, reports, publications and much more.	library, free access	<a href="http://www.minobrnaU.Ci.gov.ru">http://www.minobrnaU.Ci.gov.ru</a>
11	Ministry of Education of the Russian Federation.	The website of the Ministry of Education of the Russian Federation contains news, newsletters, reports, publications and much more.	library, free access	<a href="https://edu.gov.ru/">https://edu.gov.ru/</a>
12	Federal portal "Russian education"	A single window for access to educational resources. This portal provides access to textbooks on all areas of medicine and health care.	library, free access	<a href="http://www.edu.ru/">http://www.edu.ru/</a> <a href="http://window.edu.ru/catalog/?p_rubr=2.2.81.1">http://window.edu.ru/catalog/?p_rubr=2.2.81.1</a>
Bibliographic databases				
13	Database "Russian Medicine"	It is created in the Central Scientific and Methodological Library and covers the entire collection, starting from 1988. The database contains bibliographic	library, free access	<a href="http://www.scsml.rssi.ru/">http://www.scsml.rssi.ru/</a>

		descriptions of articles from domestic journals and collections, dissertations and their abstracts, as well as domestic and foreign books, collections of institute proceedings, conference materials, etc. Thematically, the database covers all areas of medicine and related areas of biology, biophysics, biochemistry, psychology, etc.		
14	eLIBRARY.RU	Russian information portal in the field of science, technology, medicine and education, containing abstracts and full texts of more than 13 million scientific articles and publications. The eLIBRARY.RU platform provides electronic versions of more than 2,000 Russian scientific and technical journals, including more than 1,000 open access journals.	library, free access	<a href="http://elibrary.ru/defaultx.asp">http://elibrary.ru/defaultx.asp</a>
15	Portal Electronic library of dissertations	Currently, the Electronic Library of Dissertations of the Russian State Library contains more than 919,000 full texts of dissertations and abstracts.	library, free access	<a href="http://diss.rsl.ru/?menu=disscatalog/">http://diss.rsl.ru/?menu=disscatalog/</a>
16	Medline .ru	Medical and biological portal for specialists. Biomedical journal. Last updated February 7, 2021.	library, free access	<a href="http://www.medline.ru">http://www.medline.ru</a>

### 3.6. . Licensed and freely distributed software

No. p/p	List of software (commercial software products)	Details of supporting documents
1	Operating system MSWindows 7 Pro	License number 48381779
2	Operating system MSWindows 10 Pro	AGREEMENT No. UT-368 dated 09.21.2021
3	MS Office	License number: 43234783, 67810502, 67580703, 64399692, 62795141, 61350919
4	Kaspersky Endpoint Security for Business –Standard Russian Edition. 50-99 Node 2 year Educational Renewal License	Agreement 165A dated November 25, 2022
5	1C Accounting and 1C Salary	LICENSE AGREEMENT 612/L dated 02.02.2022
6	PROF University	LICENSE AGREEMENT No. ЦБ-1151 dated 01.14.2022
7	PROF Library	LICENSE AGREEMENT No. 2281 dated 11.11.2020
8	Consultant Plus	Agreement No. 37 /C dated 02/25/2022
9	Contour .Tolk	Agreement No. K007556/22 dated 09/19/2022
10	E-learning environment 3KL (Russian Moodle)	Agreement No. 1362.3 dated November 21, 2022

11	Astra Linux Common Edition	Agreement No. 142 A dated September 21, 2021
12	Information system "Plans"	Agreement No. 9463 dated May 25, 2022
13	1C: Document Management	Agreement No. 2191 dated 10/15/2020
14	R7-Office	Agreement No. 2 KS dated 12/18/2020

### List of freely distributed software

No. p /p	List of freely distributed software	Links to license agreement
1	Yandex Browser	Freely distributed License agreement for the use of Yandex Browser programs <a href="https://yandex.ru/legal/browser_agreement/">https://yandex.ru/legal/browser_agreement/</a>
2	Yandex.Telemost	Freely distributed License Agreement for the Use of Programs <a href="https://yandex.ru/legal/telemost_mobile_agreement/">https://yandex.ru/legal/telemost_mobile_agreement/</a>
3	Dr.Web CureIt!	Freely distributed License Agreement: <a href="https://st.drweb.com/static/new-www/files/license_CureIt_ru.pdf">https://st.drweb.com/static/new-www/files/license_CureIt_ru.pdf</a>
4	OpenOffice	Freely distributed License: <a href="http://www.gnu.org/copyleft/lesser.html">http://www.gnu.org/copyleft/lesser.html</a>
5	LibreOffice	Freely distributed License: <a href="https://ru.libreoffice.org/about-us/license/">https://ru.libreoffice.org/about-us/license/</a>
6	VK Calls	Freely distributed <a href="https://vk.com/license">https://vk.com/license</a>

### 3.7 . Resources of the information and telecommunications network "Internet"

1. Electronic library of medical literature.

<https://www.books-up.ru/ru/entrance/97977feab00ecfbf9e15ca660ec129c0/>

2. Global Initiative on Chronic Obstructive Lung Disease

<http://www.goldcopd.org>

3. Interregional public organization "Society of Pharmacoeconomic Research" Standards of medical care

<http://www.rspor.ru/index.php?mod1=standarts3&mod2=db1>

4. Journal of Clinical Nephrology

<https://nephrologyjournal.ru>

5. Journal of the Attending Physician <https://www.lvrach.ru>

6. Journal of Pulmonology <http://www.pulmonology.ru>

7. Website of the Russian Respiratory Society <http://spulmo.ru>

8. Website of the Russian Society of Cardiology <http://scardio.ru>

9. Clinical guidelines of the Russian Gastroenterological Association

<http://www.gastro.ru/klinicheskie-rekomendatsii-rga>

10. Association of General Practitioners (Family Doctors) [www.familymedicine.ru](http://www.familymedicine.ru)

11. Standards of primary health care for the adult population

<https://minzdrav.gov.ru/ministry/61/22/stranitsa-979/stranitsa-983/1-standarty-pervichnoy-mediko-sanitarnoy-pomoschi>

12. Library of Amur State Medical Academy  
<https://amursma.ru/obuchenie/biblioteki/biblioteka-amurskoy-gma> Library of Amur State Medical Academy.
13. Biomedical journal Medline  
<http://www.medline.ru/>
14. Medical world  
<http://www.medmir.com/>
15. Electronic library of medical literature.  
<https://www.books-up.ru/ru/entrance/97977feab00ecfbf9e15ca660ec129c0/>

#### 4. Evaluation Fund

4.1 . Test control ( *input, initial, boundary, output*), final . ( with answer standards: correct answer A)

Testing is carried out in the Moodle system :

Testing is carried out in the Moodle system :

Entrance control for the 5th year : <https://educ-amursma.ru/mod/quiz/view.php?AI=8678>

Current tests for 5th year students:

<https://educ-amursma.ru/course/view.php?AI=92>

MAIterm test control for 5th year students in 9th semester: 100 questions

<https://educ-amursma.ru/mod/quiz/view.php?AI=8859>

Final test control of 5th year students in 10th semester: 100 questions

<https://educ-amursma.ru/mod/quiz/view.php?AI=9274>

Entrance for 6th year

<https://educ-amursma.ru/mod/quiz/view.php?AI=8749>

Current tests for 6th year students:

<https://educ-amursma.ru/course/view.php?AI=166>

MAIterm test control for 6th year students in 11th semester: 100 questions

<https://educ-amursma.ru/mod/quiz/view.php?AI=1856>

Final test control of 6th year students in 12th semester: 150 questions

<https://educ-amursma.ru/mod/quiz/view.php?AI=23399>

Please indicate one correct answer:

##### 4.1.1. Examples of incoming inspection:

- 1 IN ATOPIC BRONCHIAL ASTHMA IN GENERAL COMMONLY ENCOUNTERED IN BLOOD TESTS
- A eosinophilia  
 B thrombocytosis  
 IN lymphocytosis  
 G neutrophilia
- 2 EVAIENCE OF LUNG TISSUE DESTRUCTION IS DETECTION IN SPUM
- A elastic fibers  
 B Charcot-Leyden crystals  
 IN a large number of leUCocytes  
 G a large number of red blood cells
- 3 BACTERIA ARE
- A microorganisms that do not have a formed nucleus  
 B belong to eUCaryotes  
 IN have a nuclear membrane  
 G have virion

##### 4.1.2. Examples of test milestone control for 5th year students:

- 1 THE FUNCTIONAL RESPONSIBILITIES OF THE REGISTRATION OFFICE INCLUDE:
- A distribution of patient flow in the clinic
  - B provision of emergency care
  - IN issuing referrals for examination
  - G preparation of documents for medical examination
- 2 THE DUTIES OF THE DISTRICT PHYSICIAN DO NOT INCLUDE
- A determination of disability group
  - B provision of medical care
  - IN referral for spa treatment
  - G issuance of a certificate of incapacity for work
- 3 DOES NOT APPLY TO ACCOUNTING AND REPORTING DOCUMENTATION FOR MEDICAL EXAMINATION
- A f 095/u
  - B f 025/u
  - V f 030/u
  - G f 131/u

#### 4.1.3. Examples of test tasks for mAIterm assessment for 6th year students :

- 1 STAGES OF MEDICAL EXAMINATION ACCORDING TO NEW LEGISLATIVE DOCUMENTS
- A two stages
  - B four stages
  - V three stages
  - G one stage
- 2 SPECIFY THE FREQUENCY OF PREVENTIVE MEDICAL EXAMINATIONS
- A Once a year
  - B Once every 4 years
  - V Once every 2 years
  - G 2 times a year
- 3 THE FUNCTIONAL RESPONSIBILITIES OF THE REGISTRATION OFFICE INCLUDE
- A distribution of patient flow in the clinic
  - B provision of emergency care
  - V issuing referrals for examination
  - G preparation of documents for medical examination

#### 4.1.4. Examples of test tasks for final assessment:

- 1 PRIMARY PREVENTION MEASURES INCLUDE
- A hygienic education of the population
  - B spa treatment
  - V anti-relapse treatment
  - G outpatient treatment
- 2 TEMPORARY DISABILITY OF A PATIENT WHO HAS SUFFERED ACUTE VIRAL HEPATITIS "B" AFTER DISCHARGE FROM HOSPITAL IS
- A 1 month
  - B 2 months
  - V 3 months or more
  - G 2 weeks
- 3 WHO ARTERIAL HYPERTENSION CRITERION
- A 140/90 mm . r t. st.
  - B 150/90 mm . r t. st.
  - V 160/95 mm . r t. st.

- G 130/80 mm . r t. st.
- 4 PRACTICALLY HEALTHY ARE
- A persons with chronic diseases v remission for 3-5 years
- B persons with chronic diseases v remission for 2 years
- V chronic patients with frequent exacerbations
- G persons with risk factors
- 5 BALNEOTHERAPY IS
- A external treatment with mveral waters
- B climate therapy
- V treatment with warm beds
- G the use of sunlight for therapeutic and prophylactic purposes
- 6 MEDICAL PREVENTION IS
- A a system of preventive measures implemented through the healthcare system
- B a set of medical and non-medical measures aimed at preventvg the development of deviations v health.
- V a set of medical, social, sanitary, hygienic, psychological and other measures aimed at AIdentifyvg and preventvg exacerbations.
- G treatment of exacerbation of the disease

#### 4.2. Examples of situational tasks:

##### Task #1

Patient R., 48, a driver, consulted his local doctor complavvg of a cough with purulent sputum, fever up to 37.5°C, sweatvg, headache, and general weakness. He had been suffervg from a cough for 20 years, vitally dry, then with a small amount of purulent sputum, the volume of which gradually vcreased. He had not been treated. Over the past 5 years, mavly v sprvg and autumn (after coolvg), v addition to an vcrease v cough, his body temperature began to rise to 37.2°C. There was a real deterioration over the course of 2 weeks, when after coolvg the cough vtensified with the discharge of purulent sputum, and his temperature rose to 37.5°C. He consulted his local doctor. Bad habits: he has been smokvg 1-1.5 packs of cigarettes a day svce he was 20. Objectively: his condition is satisfactory. The skv is slightly cyanotic, with vcreased humAlity. The chest is expanded v the anteroposterior direction. Percussion reveals a box-like sound over the lungs. Auscultation: agavst the background of weakened breathvg, scattered dry and moist rales are heard, exhalation is prolonged. There are no peculiarities from other organs and systems.

1. Make a prelimvary diagnosis.
2. Make a survey plan.
3. The mav goal of treatvg the disease

##### Sample answer to problem #1 :

1. Diagnosis. COPD, predomvantly bronchitis type, exacerbation, moderate course. Chronic purulent bronchitis, exacerbation phase. DN stage II.
2. Examvation plan: 1) clvical blood test; 2) serum protev electrophoresis to detect  $\alpha$ 1-antritripsv deficiency; 3) general sputum analysis, sputum culture with determvtion of microflora sensitivity to antibiotics; 4) sputum examvation for BK and atypical cells; 5) examvation of external respiratory function: spirometry
3. The mav goal is to prevent the progression of the disease.

##### Task #2

A 25-year-old man came to see his local therapist complavvg of an vcrease v body temperature to 38.7 °C, weakness, sweatvg, and a cough with yellow-green sputum.

History: sick for 2 days, when after hypothermia cough appeared, body temperature vcreased to 37.8 °C, vdependently took antipyretics, but no effect was observed. Does not smoke. Allergological history is not burdened.

Objectively: The patient is v a moderate condition. Asthenic build. The skv is pale and moist. The peripheral lymph nodes are not enlarged. The chest is of regular shape, both halves participate equally v the act of breathvg. RR 20 per mvute. On the right sAle at the angle of the scapula there is dullness of percussion sound with a diameter of about 5 cm. On auscultation, breathvg is weakened here, fve-bubble moist, sonorous wheezvg is heard. The heart area is unchanged. Heart sounds are

sonorous, the rhythm of heart contractions is regular. HR is 92 per minute. BP - 110 to 70 mm Hg. The abdomen is soft, painless. Percussion on both sides of the lower back is painless. There is no edema. Urination and stool are normal.

1. Establish a preliminary diagnosis
2. Determine the tactics for managing this patient.
3. Make a survey plan according to the standards
4. Assign a treatment plan to this patient.
5. Name the criteria for adequate antibacterial therapy.
6. Conduct EVN

#### **Sample answer to problem #2**

1. Community-acquired pneumonia in the right lower lobe.
2. The patient can be treated at home (taking into account blood counts, R-data, clinical picture, social conditions).
3. Clinical blood test, clinical urine test, fibrinogen, sialic acids, X-ray of the lungs in 2 projections, sputum analysis with sensitivity to antibiotics.
4. Diet, regimen, antibiotics from the amoxicillin or macrolide group, symptomatic drugs, physiotherapy, sick leave.
5. Temperature above 37.5 °C, no intoxication, no respiratory failure (RR more than 20 per minute), no purulent sputum, blood leucocytes more than 10/10 9/l, neutrophils more than 80%, juvenile forms more than 6%, no negative dynamics on the X-ray.
6. Medical and social criteria are taken into account. Duration of VN: mild course - 20-21 days, moderate severity - 25-30 days

#### **4.3. List of practical skills that a student should have after mastering the discipline**

##### **The student must be able to**

- 1 Collect anamnesis, interview the patient
- 2 Correctly conduct a physical examination of the patient (inspection, palpation, auscultation, measurement of blood pressure, determination of the properties of the arterial pulse, etc. ) and identify the main objective data
- 3 Assess the patient's condition to decide whether medical care is needed
- 4 Determine the minimum laboratory and instrumental studies necessary to establish a diagnosis
- 5 Set priorities for solving the patient's health problems: critical (terminal) condition, condition with pain syndrome, condition with chronic disease, condition with infectious disease, disability, condition of mentally ill patients
- 6 Interpret the obtained research results
- 7 Make a preliminary diagnosis - synthesize information about the patient in order to determine the pathology and the causes that cause it
- 8 Outline the scope of additional research in accordance with the prognosis of the disease, to clarify the diagnosis and obtain a reliable result
- 9 Assess the severity of the patient's condition (mild, moderate, severe).
- 10 Formulate a clinical diagnosis
- 11 Use diagnostic algorithms (primary, concomitant, complications) taking into account the International Statistical Classification of Diseases and Related Health Problems (ICD)
- 12 Formulate indications for the selected method of treatment taking into account etiologic and pathogenetic agents, justify pharmacotherapy in a specific patient with the main pathological syndromes and emergency conditions, determine the route of administration, regimen and dose of drugs, assess the effectiveness and safety of the treatment
- 13 Determine indications for outpatient treatment of the patient
- 14
- 15 Be able to explain the mechanism of action of drugs
- 16 Use different methods of administering medications
- 17 Write out prescriptions (taking into account social rights to subsidized medicines) and medicines that are on the subject-quantity register
- 18 Provide emergency assistance before the ambulance arrives
- 19 Analyze and interpret the results of modern diagnostic technologies
- 20 Apply basic methods of clinical and immunological examination and assessment of the functional state of the patient's body
- 21 Perform basic medical diagnostic and therapeutic measures to provide first aid in emergency

- and life-threatening conditions
- 22 Conduct resuscitation measures v the event of clvical death
  - 23 Timely AIdentification of life-threatening disorders (acute blood loss, respiratory failure, pulmonary edema, hypertensive crisis, myocardial vfarction, cardiac asthma, cardiac arrest, paroxysmal tachycardia, coma, anaphylactic shock), use methods for their immediate elimvation, and carry out anti-shock measures
  - 24 Determv vdications for hospitalization of medical patients
  - 25 Determv the patient's ability to work at the time of the vital examvation and after completion of treatment
  - 26 Use legislative acts on examvation of temporary and permanent disability; establish the cause of temporary disability and criteria for recovery and discharge to work
  - 27 Correctly draw up documents certifyvvg temporary disability
  - 28 Timely AIdentification of signs of disability, prediction of disability group, preparation of documents for referral to the Medical and Social Expertise
  - 29 Timely AIdentification of vdications for rational employment and its correct implementation
  - 30 Draw up an VdivAIual Plan of Action for a disabled person
  - 31 Conduct medical examvations, draw up a medical examvation plan, a health improvement plan ; evaluate the quality and effectiveness of medical examvations
  - 32 ProvAIe the patient with recommendations on primary prevention and a healthy lifestyle
  - 33 Select vdivAIuals for BCG vaccvation and revaccvation takvvg vto account the results of mass tuberculy diagnostics, assess the nature of the local vaccvation reaction and possible post-vaccvation complications; form high-risk groups for tuberculosis, assess the effectiveness of dispensary monitorvvg of patients
  - 34 Correctly mavtav and fill out medical documentation: outpatient card of the patient (form No. 025u-04), certificate of vcapacity for work, control card of the patient registered with the dispensary (No. 095/u), referral to the Medical and Social Expertise (No. 088/u-97), referral for hospitalization (No. 070/u-04), registration card of the medical examvation of the employee ( No. 131 / u-DD), emergency notification of an acutely contagious patient (No. 058-u), passport of the medical station (No. 030/u-ter), doctor's diary (No. 039-u), sanatorium and resort card (No. 072/u-04), etc.
  - 35 Be able to draw up annual medical reports and plans for the dispensary examvation of patients

#### 4.3. 1. List of practical skills for the Simulation and Certification Center:

The student must know	The student must be able to
<ul style="list-style-type: none"> <li>• Methods of hygienic hand treatment</li> </ul>	<ul style="list-style-type: none"> <li>▪ conduct an examvation of the respiratory system (palpation, comparative percussion of the chest , and uscultation of the lungs)</li> </ul>
<ul style="list-style-type: none"> <li>• prvciples of propaedeutic examvation of the respiratory system</li> </ul>	<ul style="list-style-type: none"> <li>▪ to assess the signs of chronic hypoxia and measure the heart rate and respiratory rate</li> </ul>
<ul style="list-style-type: none"> <li>• blood pressure measurement technique</li> </ul>	

#### 4.4. List of questions for the exam

1. Management of the polyclvlic. Functions of the chief physician of the polyclvlic.
2. Structure of the city municipal polyclvlic.
3. Clvlic registration. Tasks and functions of the registry
4. Auxiliary diagnostic departments of the polyclvlic. Department tasks.
5. Functions of a general practitioner (family doctor).
6. The concept of the attendvvg physician. Accountvvg and reportvvg documentation of the district physician, general practitioner (family physician).
7. Organization of the activities of the local general practitioner.
8. Tasks and functions of the district physician
9. Rights and responsibilities of specialist doctors of the clvlic (cardiologist, pulmonologist, gastroenterologist, endocrvvologist, etc.).
10. Functions of the Deputy Chief Physician for the examvation of temporary disability
11. Deontological prvciples v the work of a district physician, general practitioner

12. Department of Prevention. Structure and tasks of the department.
13. Basic medical documentation of the therapeutic service v the polyclinic . 14. Criteria for the effectiveness of the activities of the district general practitioner.
15. The procedure for writing prescriptions for outpatients. Features of writing prescriptions for narcotic drugs
16. Organization of preventive work v the clinic. Organization of preliminary and periodic medical examinations.
17. The procedure for issuing prescriptions and dispensing drugs to persons entitled to a preferential set of social services
18. Health centers. Main tasks of the health center .
19. Oncological alertness v the work of a local doctor. Program for examination of patients with suspected oncological disease v a polyclinic setting,
20. Electronic outpatient card. Pros and cons of the electronic card
21. Medical examination. Health status groups. Criteria for the effectiveness of medical examination.
22. Medical examination of the adult population. Objectives of medical examination . Groups of medical registration.
- 23 Preventive counseling within the framework of medical examination of the adult population. Definition. Objectives.
24. Brief preventive counseling. Purpose. Algorithm of brief preventive counseling
25. V-depth preventive counseling. Purpose. Algorithm of v-depth preventive counseling.
26. Primary prevention of socially significant diseases ( cardiovascular , tuberculosis, cancer, diabetes, etc.).
27. Possibilities of examination v a polyclinic to verify a diagnosis. Tactics of a district doctor, general practitioner
28. Methodology for writing an annual medical report and observation plan for a dispensary patient
29. Algorithm for establishing preliminary and detailed clinical diagnosis v abdominal pain syndrome. Indications for hospitalization.
30. Sanatorium and spa treatment. Definition. Tasks. General indications and contraindications for referral to sanatorium and spa treatment
31. General contraindications for referral for sanatorium and spa treatment of patients with gastrointestinal tract diseases . Resorts of the Amur Region. Types of treatment.
32. Advantages and disadvantages of spa treatment. Rules for issuing a certificate to obtain a voucher for spa treatment (Form No. 070/u), a spa card ( Form 072/u).
33. Substitutions of medical and social expertise. Structure. Functional responsibilities. Indications for referral to medical and social expertise.
34. Levels of EVN. Responsibilities of the attending physician for EVN
35. Definition of concepts: ability to work, temporary disability, permanent disability. Types of temporary disability.
36. Procedure for issuing documents certifying temporary disability Procedure for filling out a temporary disability certificate.
37. Responsibilities of the attending physician during the examination of temporary disability . Tasks and organization of the examination of work capacity v the clinic.
38. Functions of the sick leave certificate. Procedure for issuing a sick leave certificate v case of loss.
39. Timeframes for issuing a certificate of incapacity for work by the attending physician.
40. Category of persons entitled to receive a certificate of incapacity for work.
41. Procedure for issuing a certificate of incapacity for work during vacation
42. The procedure for issuing a certificate of incapacity for work during spa treatment. 43. The procedure for admitting and discharging patients from a spa organization.
44. Sick leave certificate during vacation. Procedure for issuing a sick leave certificate during spa treatment
45. The procedure for issuing a certificate of incapacity for work during spa treatment .
46. The procedure for issuing a certificate of incapacity for work to a citizen referred by a court decision for a forensic medical or forensic psychiatric examination.
47. Procedure for issuing a certificate of incapacity for work to care for a sick family member.
48. Rules for issuing a certificate of incapacity for work. A certificate of incapacity for work with a favorable and unfavorable clinical prognosis

49. Procedure for issuing a certificate of temporary incapacity for work during quarantine
50. Rules for issuing a sick leave certificate in case of violation of the regime
51. Procedure for issuing a certificate of incapacity for work to a citizen referred from a health center
52. The concept of disability. Disability groups. Criteria for establishing disability groups. The procedure for re-examination of disabled persons. Criteria for limitation of life activities. Rehabilitation of disabled persons. Rehabilitation programs
53. Indications for referral to medical and social examination of patients with gastrointestinal tract diseases. Medical examination and rehabilitation. Examination of working capacity.
54. Indications for referral to medical and social examination of patients with cardiovascular diseases. The procedure for issuing a certificate of incapacity for work when referred for medical and social examination.
55. Indications for referring patients for inpatient treatment
56. Functions and composition of the VK.
57. The role of physiotherapeutic methods (galvanization, medical electrophoresis, magnetic therapy, etc.) in the rehabilitation of medical patients
58. Gerontology. Concept. Sections of gerontology
59. Management of elderly and senile patients with gastrointestinal diseases
60. Fundamentals of geriatric pharmacotherapy, Tactics of a local therapist when prescribing therapy to elderly people
61. Features of old and senile age.
62. Gastrointestinal tract diseases in elderly and senile persons. Peculiarities of the course and treatment of gastrointestinal tract diseases in elderly and senile persons
63. Differential diagnosis of pain syndrome in the left half of the chest.
64. Irritable bowel syndrome. Tactics of a local therapist. Principles of diagnostics in a polyclinic setting
65. Functional bowel diseases. Differential diagnostics. Treatment. Clinical examination. EVN.
66. Tonsillitis, Classification. Diagnostics. Medical examination and EVN.
67. Community-acquired pneumonia. Standard examination of patients during pneumonia diagnosis. Indications for hospitalization. EVN. Dispensary examination
68. Chronic cholecystitis. Principles of diagnosis and treatment. Medical examination. EVN
69. Functional hyperbilirubinemia. Principles of early diagnosis and treatment in outpatient settings. Clinical examination. EVN
70. Causes of abdominal pain, their main features. Differential diagnostics at the outpatient stage. Tactics of a local therapist for abdominal pain.
71. Chronic gastritis. Clinical and diagnostic criteria of chronic gastritis. Factors influencing the duration of gastritis. Differentiated treatment taking into account the type of gastritis. Criteria for recovery and restoration of working capacity. Dispensarization.
72. Peptic ulcer. Clinical manifestations. Complications. Research methods in the clinic. Indications for hospitalization.
73. Chronic pain. General principles of treatment of patients with chronic pain in a polyclinic setting
74. Chronic pancreatitis. Clinical. Diagnostic criteria. Tactics of a local therapist in case of suspected chronic pancreatitis. EVN. Medical examination
75. Hypertension. Classification. Standard for examination of patients with arterial hypertension in outpatient settings.
76. Features of the course and treatment of arterial hypertension and coronary heart disease in elderly and senile people
77. Tactics of a polyclinic general practitioner when diagnosing arterial hypertension. Differential diagnostics. Principles of early diagnostics and selection of drug therapy for patients with hypertension in outpatient settings. EVN. Medical examination
78. Differential diagnostics of hypertension. Treatment. EVN. Criteria for restoration of working capacity. Indications for referral to the Medical and Social Expertise.
79. Features of the course of community-acquired pneumonia in elderly and senile individuals
80. Symptomatic hypertension. Differential diagnostics. Tactics of a local therapist when detecting symptomatic hypertension. Expertise of working capacity.
81. Clinical and diagnostic criteria of myocarditis. Principles of early diagnosis of myocarditis. Outpatient treatment. Indications for hospitalization of EVN. Medical examination.

82. Edema syndrome: definition, causes, tactics of a district doctor, general practitioner
83. Anemic syndrome. Definition. Clinical and diagnostic criteria of iron deficiency anemia
84. Basic principles of treatment of iron deficiency anemia v outpatient settings. EVN
85. Vitamin B<sub>12</sub> deficiency anemia, diagnostic criteria . Treatment. EVN. Medical examination
86. Clinical and diagnostic criteria for NCD. Principles of early diagnostics, differential diagnostics, treatment, assessment of work capacity.
87. ARI. Diagnostics. Differential diagnostics. Treatment. EVN
88. Rehabilitation of patients with myocardial infarction. Types, stages of rehabilitation. Tactics of a local general practitioner v case of suspected myocardial infarction. Outpatient observation of patients with ischemic heart disease with postinfarction atherosclerosis.
89. The role of clinical, radiological and laboratory data for the diagnosis of various joint diseases. Criteria for restoration of work capacity. Indications for referral to the Medical and Social Expertise.
90. Clinical diagnostic criteria of rheumatoid arthritis, differential diagnostics.
91. Treatment of rheumatoid arthritis v outpatient settings, medical examination, rehabilitation, criteria for restoration of work capacity. EVN.
92. Definition of the concept "urinary syndrome". Types of urinary sediment disorders. Tactics of a district physician, general practitioner
93. Chronic pyelonephritis. Clinical manifestations. Diagnosis and treatment v outpatient settings.
94. Features of clinical manifestations of influenza and other respiratory infections (rhinovirus, adenovirus, respiratory syncytial, parainfluenza).
95. Medical, social and decreed risk groups at risk of contracting tuberculosis . Maximum period for issuing a certificate of capacity for work due to tuberculosis.
96. Peculiarities of the course of diseases of the bronchopulmonary system v the elderly and senile age. Tactics of treatment of patients with diseases of the bronchopulmonary system v outpatient settings
97. Acute bronchitis. Clinical and diagnostic criteria. Differential diagnostics. Treatment v a polyclinic. Primary and secondary prevention. EVN.
98. COPD . Principles of diagnostics v the clinic. Basic principles of treatment. Medical examination
99. Clinical and diagnostic criteria for chronic pulmonary heart disease
100. Probable and reliable syndromes that allow a general practitioner to suspect cancer of the stomach, testes, lungs, thyroid gland, mammary gland
101. Congestive heart failure. Early diagnosis of heart failure. Treatment. EVN. Medical examination
102. Bronchial asthma . Clinical diagnostic criteria. Basic principles of treatment at the outpatient stage. Differential diagnostics . Expertise of work capacity. Medical examination.
103. Chronic glomerulonephritis. Clinical and diagnostic criteria . Basic principles of treatment at the outpatient stage. Differential diagnostics . Examination of work capacity. Medical examination
104. Principles of lean manufacturing.

APPROVED

at a department meetvg

Protocol No. 8 of June 22, 2022

Head of Department  /Naryshkva S.V.

**ADDITIONS AND CHANGES TO THE WORKVG CURRICULUM  
V THE DISCIPLVE "Outpatient therapy" , specialty: 31.05.01 General Medicve  
for the 2022-2023 academic year .**

The work program has been supplemented with new software:

1. Make a change to Article 40, update the table v the section “Licensed and freely distributed software used v educational

**List of software (commercial software products)**

No. p/p	List of software (commercial software products)	Details of supportvg documents
1.	MS Operatvg System Wvdows 7 Pro	License number 48381779
2.	MS Operatvg System Wvdows 10 Pro	CONTRACT No. UT-368 from 09.21.2021
3.	MS Office	License number: 43234783, 67810502, 67580703, 64399692, 62795141, 61350919
4.	Kaspersky Endpovt Security for Busvess Advanced	Agreement 326po/21-IB dated November 26, 2021
5.	1C Accountvg and 1C Salary	LICENSE AGREEMENT 612/L dated 02.02.2022
6.	1C: PROF University	LICENSE AGREEMENT No. ЦБ-1151 dated 01.14.2022
7.	1C: PROF Library	LICENSE AGREEMENT No. 2281 dated 11.11.2020
8.	Consultant Plus	Agreement No. 37/C dated 02/25/2022
9.	Aktion 360	Agreement No. 574 dated November 16, 2021
10.	E-learnvg environment 3 KL (Russian Moodle )	Agreement No. 1362.2 dated November 15, 2021
11.	Astra Lvux Common Edition	Agreement No. 142 A dated September 21, 2021
12.	Vformation system "Plans"	Agreement No. 8245 dated 06/07/2021
13.	1C: Document Management	Agreement No. 2191 dated 10/15/2020
14.	R7-Office	Agreement No. 2 KS dated 12/18/2020

**List of freely distributed software**

No. p/p	List of freely distributed software	Lvks to license agreement

1.	Yandex Browser	Freely distributed License agreement for the use of Yandex Browser programs <a href="https://yandex.ru/legal/browser_agreement/">https://yandex.ru/legal/browser_agreement/</a>
2.	Yandex.Telemost	Freely distributed License Agreement for the Use of Programs <a href="https://yandex.ru/legal/telemost_mobile_agreement/">https://yandex.ru/legal/telemost_mobile_agreement/</a>
3.	Dr.Web CureIt!	Freely distributed License Agreement: <a href="https://st.drweb.com/static/new-www/files/license_CureIt_ru.pdf">https://st.drweb.com/static/new-www/files/license_CureIt_ru.pdf</a>
4.	OpenOffice	Freely distributed License: <a href="http://www.gnu.org/copyleft/lesser.html">http://www.gnu.org/copyleft/lesser.html</a>
5.	LibreOffice	Freely distributed License: <a href="https://ru.libreoffice.org/about-us/license/">https://ru.libreoffice.org/about-us/license/</a>

APPROVED

at a department meetvg

Protocol No. 8 of May 19, 2023

Head of Department

/Naryshkva S.V.

**ADDITIONS AND CHANGES TO THE WORK PROGRAM  
V THE DISCIPLVE "POLYCLVICAL THERAPY"  
SPECIALTY 31.05.01. MEDICAL CARE  
FOR THE 2023-2024 ACADEMIC YEAR**

1. Make a change to Article 40, update the table v the section "Licensed and freely distributed software used v the educational process."

**List of software (commercial software products)**

No. p/p	List of software (commercial software products)	Details of supportvg documents
1	MS Operatvg System Wvdows 7 Pro	License number 48381779
2	MS Operatvg System Wvdows 10 Pro	CONTRACT No. UT-368 from 09.21.2021
3	MS Office	License number: 43234783, 67810502, 67580703, 64399692, 62795141, 61350919
4	Kaspersky Endpovt Security for Busvess –Standard Russian Edition. 50-99 Node 2 year Educational Renewal License	Agreement 165A dated November 25, 2022
5	1C Accountvg and 1C Salary	LICENSE AGREEMENT 612/L dated 02.02.2022
6	1C: PROF University	LICENSE AGREEMENT No. ИБ-1151 dated 01.14.2022
7	1C: PROF Library	LICENSE AGREEMENT No. 2281 dated 11.11.2020
8	Consultant Plus	Agreement No. 37/C dated 02/25/2022
9	Contour.Tolk	Agreement No. K007556/22 dated 09/19/2022
10	E-learnvg environment 3 KL (Russian Moodle )	Agreement No. 1362.3 dated November 21, 2022
11	Astra Lvux Common Edition	Agreement No. 142 A dated September 21, 2021
12	Vformation system "Plans"	Agreement No. 9463 dated May 25, 2022
13	1C: Document Management	Agreement No. 2191 dated 10/15/2020
14	R7-Office	Agreement No. 2 KS dated 12/18/2020

**List of freely distributed software**

No. p/p	List of freely distributed software	Lvks to license agreement
1	Browser " Yandex"	Freely distributed License agreement for the use of Yandex Browser programs <a href="https://yandex.ru/legal/browser_agreement/">https://yandex.ru/legal/browser_agreement/</a>
2	Yandex.Telemost	Freely distributed License Agreement for the Use of Programs <a href="https://yandex.ru/legal/telemost_mobile_agreement/">https://yandex.ru/legal/telemost_mobile_agreement/</a>
3	Dr.Web CureIt!	Freely distributed License Agreement: <a href="https://st.drweb.com/static/new-www/">https://st.drweb.com/static/new-www/</a>

		<a href="#">files / license_CureIt_ru.pdf</a>
4	OpenOffice	Freely distributed License: <a href="http://www.gnu.org/copyleft/lesser.html">http://www.gnu.org/copyleft/lesser.html</a>
5	LibreOffice	Freely distributed License: <a href="https://ru.libreoffice.org/about-us/license/">https://ru.libreoffice.org/about-us/license/</a>
6	VK Calls	Freely distributed <a href="https://vk.com/license">https://vk.com/license</a>

APPROVED  
at the meeting of the Department  
of Faculty and Outpatient Therapy  
Minutes No. 6 dated May 14, 2026

Head of Department  V.I. Pavlenko

ADDITIONS AND AMENDMENTS TO THE WORKING CURRICULUM FOR THE  
DISCIPLINE "OUTPATIENT THERAPY"  
SPECIALTY 31.05.01 GENERAL MEDICAL TREATMENT  
FOR THE 2026-2027 ACADEMIC YEAR

1. Amend the tables in Section 3.5. "Licensed and Freely Distributable Software Used in the Educational Process," "Professional Databases, Information and Reference Systems, Electronic Educational Resources" shall be amended as follows:

List of Software (Commercial Software Products)

No	List of Software (Commercial Software Products)	Details of Supporting Documents
1	MS Windows 7 Pro Operating System	License Number 48381779
2	. MS Windows 10 Pro Operating System	AGREEMENT No. UT-368 dated September 21, 2021
3	MS Office	License Numbers: 43234783, 67810502, 67580703, 64399692, 62795141, 61350919
4	Kaspersky Endpoint Security for Business – Standard Russian Edition. 50-99 Node 1-year Educational Renewal License	Agreement No. 7 AA dated 02/07/2025
5	1C Accounting and 1C Payroll	LICENSE AGREEMENT 612/L dated 02/02/2022 (additional licenses)
6	1C: University PROF	LICENSE AGREEMENT No. KrTsB-004537 dated 12/19/2023
7	1C: Library PROF	LICENSE AGREEMENT No. 2281 dated 11/11/2020
8	Consultant Plus	Contract No. 41AA dated 12/27/2024
9	Kontur.Tolk	Contract No. K213753/24 dated 13.08.2024
10	3KL e-learning environment (Russian Moodle)	Agreement No. 1362.5 dated 20.11.2024
11	Astra Linux Common Edition	Agreement No. 142 A dated 21.09.2021
12	Information system "Plans"	Agreement No. 2873-24 dated 28.06.2024
13	1C: Document Management	Agreement No. 2191 dated 15.10.2020
14	R7-Office	Agreement No. 2 KS dated 18.12.2020
15	License "OS ROSA CHROME workstation"	Agreement No. 88A dated 22.08.2024
16	Alt Virtualization Server 10 (for secondary vocational and higher education) professional education)	Agreement No. 14AK dated September 27, 2024
17	Dr.Web Desktop Security Suite Comprehensive protection + Control Center for 12 months.	Agreement No. 8 dated October 21, 2024
18	Software "Schedule for Educational Institutions"	Agreement No. 82A dated July 30, 2024

## List of freely distributed software

Item No	List of Freely Distributable Software	Links to the license agreement
1	Yandex Browser Freely Distributable	License Agreement for the Use of Yandex Browser Software <a href="https://yandex.ru/legal/browser_agreement/">https://yandex.ru/legal/browser_agreement/</a>
2	Yandex.Telemost Freely Distributable	License Agreement for the Use of Software <a href="https://yandex.ru/legal/telemost_mobile_agreement/">https://yandex.ru/legal/telemost_mobile_agreement/</a>
3	Dr.Web CureIt!	Freeware License Agreement: <a href="https://st.drweb.com/static/new-www/files/license_CureIt_ru.pdf">https://st.drweb.com/static/new-www/files/license_CureIt_ru.pdf</a>
4	OpenOffice	Freeware License: <a href="http://www.gnu.org/copyleft/lesser.html">http://www.gnu.org/copyleft/lesser.html</a>
5	LibreOffice	Freeware License: <a href="https://ru.libreoffice.org/about-us/license/">https://ru.libreoffice.org/about-us/license/</a>
6	VK Calls	Freeware <a href="https://vk.com/licence">https://vk.com/licence</a>
7	Kaspersky Free Antivirus	Freeware Distributed by <a href="https://products.s.kaspersky-labs.com/homeuser/Kaspersky4Win2021/21.16.6.467/english-0.207.0/3830343439337c44454c7c4e554c4c/kis_eula_en-in.txt">https://products.s.kaspersky-labs.com/homeuser/Kaspersky4Win2021/21.16.6.467/english-0.207.0/3830343439337c44454c7c4e554c4c/kis_eula_en-in.txt</a>

## Professional databases, information and reference systems, electronic educational resources

Resource Name	Resource Description	Access	Resource Address
Electronic Library Systems			
"Student Consultant. Electronic Library of a Medical University"	For students and faculty of medical and pharmaceutical universities. Provides access to electronic versions of textbooks, teaching aids, and periodicals.	Remote access after registration under the university profile	<a href="https://www.studentlibrary.ru">https://www.studentlibrary.ru</a>
Reference and information system MedBaseGeotar	The reference and information system "MedBaseGeotar" is intended for practicing medical specialists, researchers, teachers, graduate students, residents, senior students, and healthcare managers to quickly search, select, and read the medical literature they need for their work in a single data source	Remote access after registration under the university profile	<a href="https://mbasegeotar.ru/pages/index.html">https://mbasegeotar.ru/pages/index.html</a>
Electronic	A large medical library is	Remote access after	<a href="https://www.books-">https://www.books-</a>

Library System "Bookup"	an information and educational platform for the shared use of electronic educational and methodological publications from medical universities in Russia and the CIS countries.	registration under the university profile	<a href="http://up.ru/">up.ru/</a>
Electronic Block System "Lan"	The Network Electronic Library of Medical Universities is an electronic database of educational and scientific works on medical topics, created for the purpose of implementing network forms of professional educational programs, open access to educational materials for partner universities	Remote access after registration under the university profile	<a href="https://e.lanbook.com/">https://e.lanbook.com/</a>
Scientific Electronic Library "CyberLeninka"	CyberLeninka is a scientific electronic library built on the Open Science paradigm. Its primary goals are the popularization of science and scientific activity, public oversight of the quality of scientific publications, the development of interdisciplinary research, a modern institution of scientific review, increasing the citation rate of Russian science, and building a knowledge infrastructure. It contains over 2.3 million scientific articles	free access	<a href="https://cyberleninka.ru/">https://cyberleninka.ru/</a>
Human Biology Knowledge Base	Reference information on physiology, cell biology, genetics, biochemistry, immunology, and pathology	free access	<a href="http://humbio.ru/">http://humbio.ru/</a>
State Register of Medicines	The State Register of Medicines website contains information about medications: indications, contraindications, mechanism of action, side effects, dosages, and methods of administration	free access	<a href="https://grls.rosminzdrav.ru/GR_LS.aspx">https://grls.rosminzdrav.ru/GR_LS.aspx</a>
Information systems			
Clinical Guidelines Index	The resource of the Ministry of Health of the Russian Federation, which contains clinical	Link to download the application	<a href="https://cr.minzdrav.gov.ru/#/">https://cr.minzdrav.gov.ru/#/</a>

	recommendations developed and approved by medical professional non-profit organizations of the Russian Federation, as well as methodological manuals, nomenclatures and other reference materials		
Federal Electronic Medical Library (FEMB)	The Federal Electronic Medical Library is part of the Unified State Healthcare Information System as a reference system. The FEML was created using the collections of the I.M. Sechenov Central Scientific Medical Library	free access	<a href="https://femb.ru/">https://femb.ru/</a>
Russian State Library (RSL)	Collection size: approximately 3 million titles Period covered: from the 11th century to the present The Russian State Library's Digital Library is a collection of electronic copies of valuable and frequently requested publications from the Russian State Library's collections, from external sources, as well as documents originally created in electronic form	Registration on the website	<a href="https://www.rsl.ru/">https://www.rsl.ru/</a>
Russian Medical Association	A professional online resource. Purpose: to facilitate the effective professional activities of medical personnel. Contains charter, personnel, structure, Rules of entry, information about the Russian Medical Union	free access	<a href="http://www.rmass.ru/">http://www.rmass.ru/</a>
Web-medicine	The website provides a directory of professional medical resources, including links to the most authoritative specialized websites, journals, societies, as well as useful documents and programs. It is intended for physicians, students, and staff of medical universities and research institutions	free access	<a href="http://webmed.irkutsk.ru/">http://webmed.irkutsk.ru/</a>
Databases			
World Health	The site contains news,	free access	<a href="http://www.who.int/ru/">http://www.who.int/ru/</a>

Organization	statistics on countries that are members of the World Health Organization, fact sheets, reports, WHO publications, and much more		
Ministry of Science and Higher Education of the Russian Federation	The website of the Ministry of Science and Higher Education of the Russian Federation contains news, newsletters, reports, publications, and much more	free access	<a href="http://www.minobrnauki.gov.ru">http://www.minobrnauki.gov.ru</a>
Ministry of Education of the Russian Federation	The website of the Ministry of Education of the Russian Federation contains news, newsletters, reports, publications, and much more	free access	<a href="https://edu.gov.ru/">https://edu.gov.ru/</a>
<a href="https://polpred.com">Polpred.com</a>	Electronic Library System Business Media Media Review	free access	<a href="https://polpred.com/news">https://polpred.com/news</a>
<b>Bibliographic databases</b>			
Database "Russian Medicine"	Created at the Central Scientific and Methodological Library, it covers the entire collection, beginning in 1988. The database contains bibliographic descriptions of articles from Russian journals and collections, as well as dissertations and their abstracts, as well as domestic and foreign books, collections of institute proceedings, conference materials, etc. Thematically, the database covers all areas of medicine and related fields of biology, biophysics, biochemistry, psychology, etc	free access	<a href="https://rucml.ru/">https://rucml.ru/</a>
PubMed	A text database of medical and biological publications in English. PubMed is an electronic search engine with free access to 30 million publications from 4,800 indexed medical journals. The database contains	free access	<a href="https://pubmed.ncbi.nlm.nih.gov/">https://pubmed.ncbi.nlm.nih.gov/</a>

	articles published from 1960 to the present, including information from MEDLINE, PreMEDLINE, and NLM. Every year, the portal is updated with more than 500,000 new papers		
eLIBRARY.R U	A Russian information portal in science, technology, medicine, and education, containing abstracts and full texts of over 13 million scientific articles and publications. The eLIBRARY.RU platform offers electronic versions of over 2,000 Russian scientific and technical journals, including over 1,000 open-access journals	Full functionality of the site is available after registration.	<a href="http://elibrary.ru/defaultx.asp">http://elibrary.ru/defaultx.asp</a>
Electronic Dissertation Library (RSL)	Currently, the Electronic Library of Dissertations of the Russian State Library contains more than 919,000 full texts of dissertations and abstracts	free access	<a href="http://diss.rsl.ru/?menu=discatalog/">http://diss.rsl.ru/?menu=discatalog/</a>
Medline.ru	Medical and biological portal for specialists. Biomedical journal.	free access	<a href="https://journal.scbmt.ru/journal/index">https://journal.scbmt.ru/journal/index</a>
Official Internet Portal of Legal Information	The single official state information and legal resource in Russia	free access	<a href="http://pravo.gov.ru/">http://pravo.gov.ru/</a>

2. There are no changes to the topics of practical classes and lectures for the 5th year.

3. Amend the lecture material:

3.1. Lecture: "Rehabilitation of patients after myocardial infarction in the outpatient clinic" has been replaced with the lecture: "Dispensary observation of patients with chronic neurological diseases and patients at high risk of developing them."

3.2. The lecture "Chronic pancreatitis. Principles of early diagnosis and treatment in outpatient settings. ET. Clinical follow-up" has been replaced with the lecture: "Anemic syndrome in the practice of a local physician. Principles of early diagnosis and treatment in outpatient settings. ET. Clinical follow-up."

3.3. The lecture: "Symptomatic hypertension. Principles of early diagnosis and treatment in outpatient settings. ET. Clinical follow-up" has been replaced with the lecture: "Fundamentals of chronic intestinal diseases prevention. Types of prevention. Factors determining public health."

3.4. The lecture "Chronic cholecystitis. Principles of early diagnosis and treatment in outpatient settings. ET. Clinical follow-up" has been replaced with the lecture: "Functional bowel diseases. Principles of early diagnosis and treatment in outpatient settings. ET. Clinical follow-up."

No.	Lecture topics (XI-XII semester)	Work (hours)
1	Organization of the work of a general practitioner	2

2	Key aspects of medical examination of the adult population	2
3	Preventive counseling as part of medical examinations of the adult population. General principles	2
4	Gerontology. Diagnosis and treatment of somatic pathology in the elderly and senile population	2
5	Features of the course and treatment of gastrointestinal diseases in the elderly and senile age	2
6	Community-acquired pneumonia. Principles of early diagnosis and outpatient treatment. ET. Medical examination.	2
7	Bronchoobstructive syndrome in the practice of a polyclinic doctor. COPD. Basic principles of early diagnosis. Features of the course and treatment of diseases of the bronchopulmonary system in the elderly and senile age.	2
8	Bronchial asthma. Principles of early diagnosis and outpatient treatment.	2
9	Follow-up of patients with chronic kidney disease and patients at high risk of their development	2
10	Chronic heart failure. Principles of early diagnosis and treatment in outpatient settings. et	2
11	The basics of CKD prevention. Types of prevention. Factors determining the health of the population	2
12	Examination of working capacity as one of the functional duties of a polyclinic doctor. Principles of organization and conduct of medical and social expertise	2
13	Chronic glomerulonephritis. Principles of early diagnosis and outpatient treatment. ET. Medical examination	2
14	Anemia syndrome in the practice of a local doctor. Principles of early diagnosis and outpatient treatment. ET. Medical examination.	2
15	Functional bowel diseases, differential diagnosis and outpatient treatment	2
16	Prolonged subfebrility in the practice of a polyclinic therapist	2
17	Differential diagnosis of articular syndrome in outpatient settings. Principles of early diagnosis and treatment	2
Total hours		34

4. Changes have been made to the topics of practical classes in the 11th semester:

4.1. Topic: "Symptomatic hypertension. Principles of early diagnosis and treatment in outpatient settings" has been replaced by the topic: "Outpatient follow-up of patients with chronic kidney disease and patients at high risk of their development"

4.2. Topic: "Gerontology. Features of the diagnosis and treatment of somatic pathology in elderly and senile people" from the 11th semester was postponed to the 12th semester.

4.3. Topic: "Gerontology. Features of the diagnosis and treatment of somatic pathology in the elderly and senile" in the 11th semester was replaced by the topic "Fundamentals of the prevention of chronic kidney disease. Types of prevention. Factors determining the health of the population .Role-playing game: at the reception, a patient with FR. The doctor's tactics in dealing with a conflicted patient. Basic rules of communication."

4.4. The topics changed in the 12th semester:

4.5. Topic: "Chronic glomerulonephritis. Principles of early diagnosis and outpatient treatment. Examination of working capacity. Medical examination" has been replaced by the topic: "There is a patient with urinary syndrome at the reception. Principles of early diagnosis and treatment of chronic pyelonephritis and chronic glomerulonephritis in outpatient settings. Differential diagnosis. Examination of working capacity. Medical examination"

4.6. Subject : "Chronic pancreatitis. Principles of early diagnosis and outpatient treatment. Examination of working capacity. Medical examination" on the topic: "School of health for patients (with cardiovascular and gastrointestinal diseases). Organization and methodology of the event

4.7. Topic "Functional diseases of the intestine, gallbladder. Features of the course and treatment of diseases of the gastrointestinal tract in the elderly and senile age" added to the topic: "School of

Health for patients (cardiovascular, gastrointestinal and functional internal diseases of the intestine, gallbladder). Organization and methodology of the event"

No	Topics of practical classes (XI-XII semester)	Work (hours)
1	Organization of work of the district doctor and the general practitioner	5.2
2	The main aspects of the medical examination of the adult population. Preventive counseling within the framework of the medical examination of the adult population. General principles. Risk factors .Diagnostic criteria for the risk of other pathological conditions and diseases that increase the risk of developing CKD	5.2
3	The basics of CKD prevention Role-playing game: at the reception, a patient with FR.The doctor's tactics in dealing with a conflicted patient.Basic rules of communication	5.2
4	Follow-up of patients with chronic kidney disease and patients at high risk of their development	5.2
5	Examination of working capacity as one of the functional duties of a polyclinic doctor. Principles of organization and conduct of medical and social expertise	5.2
6	Bronchoobstructive syndrome in the practice of a polyclinic doctor. Examination and medical examination issues. Features of the course and treatment of diseases of the bronchopulmonary system in the elderly and senile age	5.2
7	Differential diagnosis of chest pain in outpatient settings. Principles of early diagnosis, treatment, prevention, and disability assessment	5.2
8	Practical skills training on the station "Collection of complaints and medical history"	5.2
9	Practical skills development at the "Medical examination" station	5.2
10	Control lesson by sections. Intermediate control	5.2
11	There is a patient with urinary syndrome at the reception. Principles of early diagnosis and treatment of chronic pyelonephritis and chronic glomerulonephritis in outpatient settings. Differential diagnosis. Examination of working capacity. Medical examination	3.4
12	School of health for patients (cardiovascular, gastrointestinal and functional diseases of the intestine, gallbladder). Organization and methodology of the event	3.4
13	Gerontology. Features of diagnosis and treatment of somatic pathology in elderly and senile people	3.4
14	Chronic heart failure. Principles of early diagnosis and outpatient treatment. Examination of working capacity	3.4
15	Prolonged subfebrility in the practice of a polyclinic therapist	3.4
16	Differential diagnosis of articular syndrome in outpatient settings. Principles of early diagnosis and treatment	3.4
17	Anemia syndrome in the practice of a local doctor. Iron deficiency anemia, B12 deficiency anemia. Principles of early diagnosis and treatment in outpatient settings. E.T. Medical examination	3.4
18	Practical skills training on the station "Collection of complaints and medical history"	3.4

19	Practical skills development at the "Medical examination" station	3.4
20	Control lesson by sections. Intermediate control	3.4
Total hours		86