

**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**

**practice "Practice for obtaining professional skills and experience of  
professional activity - assistant to an outpatient clinic physician"**

**Specialty: 31.05.01 General Medicine**

**Course: 5**

**Semester: 10**

**Total hours: 108 hrs.**

**Total credits: 3 credit units**

**Control form: credit, 10 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).

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Head of the Department of Faculty and Polyclinic Therapy, Holder of an Advanced Doctorate in Medical Sciences, Associate Professor  
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Conclusion of the Expert Commission on the review of the Educational Programs: Protocol No. 1 dated April 16, 2025

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APPROVED at the meeting of the CMC No. 3:  
Protocol No. 6 dated April 17, 2025

Chairman of the CMC No. 3  
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AGREED: Dean of the Faculty of Medicine,  
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April 21, 2025

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## **1. Explanatory note**

### **Characteristics of practice**

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 dated 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.

The industrial practice program for students of the course: "Practice for obtaining professional skills and experience of professional activity - assistant to a doctor of an outpatient and polyclinic institution", carried out at the Department of Faculty and Polyclinic Therapy, aims to teach students to acquire practical skills of a doctor in an outpatient and polyclinic setting, in an emergency room.

The area of professional activity and spheres of professional activity in which graduates who have mastered the specialist program can carry out professional activities: healthcare (in the area of providing primary health care to the population in medical organizations: clinics, outpatient clinics, inpatient and outpatient institutions of the municipal health care system and medical and preventive institutions providing primary health care to the population);

Types of professional activity for which graduates of specialist programs are prepared: medical; scientific research; organizational and managerial.

A graduate who has mastered the specialist program is ready to solve the following professional tasks in accordance with the type(s) of professional activity that the specialist program is focused on:

- medical activities: prevention of the occurrence of diseases among the population by carrying out preventive and anti-epidemic measures; participation in the provision of emergency medical care for conditions requiring urgent medical intervention; the formation of motivation among the population, patients and their family members aimed at maintaining and strengthening

their health and the health of others; teaching patients basic hygienic health measures that help prevent the occurrence of diseases and improve health;

- research activities: analysis of scientific literature and official statistical reviews, participation in statistical analysis and public presentation of the results obtained;
- organizational and managerial activities: creation of favorable conditions in medical organizations for the stay of patients and the work of medical personnel; maintenance of medical records in medical organizations; compliance with basic information security requirements;

The objects of professional activity of graduates of the specialist program are:

- individuals (patients) aged 15 to 18 years and over 18 years of age (hereinafter referred to as adolescents and adults);
- population;
- a set of tools and technologies aimed at creating conditions for protecting the health of citizens.

### **The purpose and objectives of the practice**

**The purpose of the practice** is to deepen basic knowledge and develop skills in generalizing and applying the acquired knowledge in the practical activities of a district physician - therapist

#### **Objectives of the practice:**

1. Students master the basic principles of work of outpatient and polyclinic institutions
2. To consolidate the knowledge obtained at the Department of Healthcare Organization and Social Hygiene, to expand the understanding of the structure and functional purpose of various departments of the clinic, to master the principles of work of a district physician-therapist, general practitioner.
3. Under the supervision of a local general practitioner, taking into account previously acquired knowledge, learn how to diagnose and provide emergency care for the most common emergency conditions.
4. Under the supervision of a local doctor, taking into account the clinical experience acquired at the departments, learn to carry out early diagnostics, treatment, prevention, examination of temporary disability, and medical examination of the most common diseases in an outpatient setting.
5. To strengthen communication skills with the patient, taking into account ethics and deontology depending on the identified pathology.
6. To deepen skills in primary and secondary prevention of the main forms of therapeutic diseases.
7. To deepen skills in health education work .
8. To consolidate the skills of preparing medical documentation, working with educational, scientific, reference, medical literature and official documents

statistical reviews.

### **The place of practice in the structure of the main educational program of higher education**

In accordance with the Federal State Educational Standard of Higher Education (2020), the specialty "Practice for obtaining professional skills and experience in professional activity - assistant to a physician of an outpatient clinic" belongs to the basic part, Block 2. The total workload is 3 credits (108 hours), it is held in the 10th semester of the 5th year. The form of control is a test with an assessment in the 10th semester.

#### **practice control**

Current monitoring of students' implementation of the internship program is carried out daily by internship supervisors in the form of monitoring the maintenance of internship diaries and the acquisition of practical skills.

Interim assessment (test with assessment), consisting of a theoretical part - an interview on theoretical questions, testing in the Moodle system; a practical part - checking the acquisition of practical skills and abilities, assessment of reporting forms.

#### **Practice Reporting Forms**

The forms of reporting on practice are the industrial practice diary and the calendar schedule for completing the practice.

#### **Requirements for students**

To master the practice, knowledge, skills and abilities formed by previous disciplines are necessary:

<b>Latin</b>
<b>Knowledge :</b> Basic medical and pharmaceutical terminology in Latin language.
<b>Skills: be able to</b> apply medical and pharmaceutical terminology Latin language in professional activities.
<b>Skills:</b> applies medical and pharmaceutical terminology in Latin language in professional activities.
<b>Professional foreign language</b>
<b>Knowledge:</b> basic medical and pharmaceutical terminology in a foreign language language.
<b>Skills :</b> be able to apply knowledge to communicate and obtain information with Foreign sources.
<b>Skills:</b> applies medical and pharmaceutical terminology to Foreign language in 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 a physician in his professional activities.
<b>Skills :</b> build and maintain working relationships with patients, others members of the team.
<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 activity activities.
<b>Microbiology, virology</b>
<b>Knowledge:</b> the impact of microbes, viruses, rickettsia, and fungi on the body Microbiological diagnostics of infectious diseases.
<b>Skills:</b> analyze the results of microbiological diagnostics Infectious diseases.
<b>Skills:</b> applies knowledge about the impact of microbes, viruses, rickettsia, fungi on the body, microbiological diagnostics of infectious diseases in their professional activities.
<b>Biochemistry</b>
<b>Knowledge :</b> blood composition, biochemical constants of blood, hormones, buffers 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 identify disorders for diseases of internal organs and occupational diseases.
<b>Skills:</b> applies knowledge of blood composition , blood biochemical constants, hormones, buffer systems, hemoglobin oxygenation factors, metabolism red blood cells in their 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 the patterns of heredity and variability in 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-gender characteristics of the structure of organs and systems.
<b>Skills:</b> applies knowledge of anatomical and physiological features respiratory, cardiovascular, digestive, hematopoietic systems in their

professional activity.
<b>Normal physiology</b>
<b>Knowledge:</b> physiology of the cardiovascular, digestive, urinary, respiratory and hematopoietic systems are normal (II-III level).
<b>Skills:</b> analyze the importance of regulation of biological processes in the human body on the functioning of the cardiovascular, digestive, urinary, respiratory, hematopoietic systems.
<b>Skills:</b> applies knowledge of the physiology of the cardiovascular, digestive, urinary, respiratory and hematopoietic systems to his/her professional activity.
<b>Pathophysiology, clinical pathophysiology</b>
<b>Knowledge:</b> morphological changes in body tissues in pathologies of the cardiovascular, respiratory, digestive, urinary systems and the system blood.
<b>Skills:</b> determine the contribution of pathophysiological processes to development diseases of internal organs.
<b>Skills:</b> applies knowledge of morphological changes in body tissues in case of pathology of the cardiovascular, respiratory, digestive, urinary and blood systems in their professional activities.
<b>Pharmacology</b>
<b>Knowledge :</b> pharmacokinetics, pharmacodynamics, side effects of various medicinal preparations on the body.
<b>Skills:</b> write prescriptions for prescribed drugs, know the indications and contraindications to their use.
<b>Skills:</b> applies knowledge of pharmacokinetics, pharmacodynamics, side effects the influence of various medications on the body in their professional activities.
<b>Propaedeutics of internal diseases</b>
<b>Knowledge:</b> collection of complaints, anamnesis, objective examination methods sick (palpation, percussion, auscultation).
<b>Skills :</b> conduct anamnestic and physical examination, highlight main syndromes and symptoms of diseases of internal organs.
<b>Skills:</b> applies knowledge of collecting complaints, anamnesis, objective methods examination of patients (palpation, percussion, auscultation) in their 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 (environmental, professional, natural and climatic, endemic, social, epidemiological, 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 factors on it surrounding and production environment; 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, epidemiological, psycho-emotional, professional, genetic) 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 diagnosis and provide emergency care.
<b>Skills:</b> applies knowledge of etiology, pathogenesis, classification, clinical manifestations, complications, diagnosis, treatment and prevention of emergencies conditions in therapy in their 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 systems hematopoietic system.
<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 provide 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 their 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 systems hematopoietic system.
<b>Skills:</b> formulate and justify a clinical diagnosis, prescribe a plan of examination in their professional activities and treatment for the main therapeutic diseases.
<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 their professional activities.

### Interdisciplinary connections of practice with subsequent disciplines/ practices

Knowledge and skills acquired during industrial training are necessary for studying subsequent disciplines and practices:

Item No.	Name of subsequent disciplines	Industrial practice: "Practice for obtaining professional skills and experience of professional activity - assistant to a doctor of an outpatient clinic institutions"
1	Clinical pharmacology	+
2	Hospital therapy	+
3	Hospital surgery	+
4	Infectious diseases, epidemiology	+
5	Public Health and organization , healthcare economics	+
6	Anesthesiology, resuscitation, intensive care	+
7	Organization of medical preventive care for the adult population in a polyclinic setting	+
8	Emergency practice medical manipulations	+
9	medical practice	+

## Requirements for the results of the internship

Mastering the practice of “Practice for obtaining professional skills and experience of professional activity – assistant to a physician of an outpatient and polyclinic institution” is aimed at the formation and improvement of the following universal ( UC ), general cultural ( GPC ) and professional competencies ( PC ): UC -3,6,7; GPC -2,4,5,7,8,11; PC -1-14.

Item No.	Code and name of competence	Indicator of achievement of competence	As a result of mastering the practice "Practice for obtaining professional skills and experience of professional activity - assistant physician of an outpatient clinic" The student must:		
			Know	Be able to	To own
<b>Universal competencies</b>					
1	<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, is tolerant of 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 tasks and delegates authority to team members.</p> <p><b>AI UC -3.3.</b> Selects constructive ways to resolve conflicts and contradictions in business communication.</p> <p><b>AI UC -3.4.</b> Organizes discussions on a given topic and discussion of the results team work with the involvement of opponents, developed ideas.</p>	Key legislative acts, methods of conflict resolution and contradictions in business communication.	Work within the framework of set goals and objectives, achieve their implementation, resolve conflicts and contradictions in business communication.	The main principles of professional cooperation, the ability to carry out organizational and managerial activities, and resolve contradictions in business communication
2	<b>UC - 6 .</b> Able to identify and to implement priorities own	<b>AI UC -6.1.</b> Assesses his/her personal, situational, time and resources uses them optimally to perform assigned task.	Priorities professional growth and improvements own	Assess your own opportunities and their limits to success execution assigned tasks,	Ability give detailed plan his professional

	activities and ways to improve them based on self-assessment and lifelong learning.	<p><b>AI UC -6.2.</b> Plans his/her activities within the framework of professional tasks.</p> <p><b>AI UC -6.3.</b> Carries out critical self-analysis of the results of one's own activities.</p> <p><b>AI UC -6.4.</b> Determines priorities for professional growth and ways to improve one's own activities based on self-assessment according to selected criteria.</p>	activities based on self-assessment.	systematize theoretical knowledge to solve practical problems.	activities.
3	<p><b>UC - 7.</b></p> <p>Able to maintain an adequate level of physical fitness to ensure full social and professional activity.</p>	<p><b>AI UC -7.1.</b> Observes and promotes healthy lifestyle standards in various life situations and in professional activities.</p> <p><b>AI UC -7.2.</b> Plans his/her work and free time to optimally combine physical and mental workload and ensure efficiency.</p> <p><b>AI UC -7.3.</b> Selects health-saving technologies to maintain a healthy lifestyle, taking into account the physiological characteristics of the body.</p> <p><b>AI UC -7.4.</b> Organizes rational and correct diet during a working day or a weekend .</p>	Basic health-saving technologies for maintaining a healthy lifestyle, taking into account the physiological characteristics of the body.	Plan your work and free time for optimal combination of physical and mental stress and ensuring performance.	The ability to apply health-saving technologies to maintain a healthy lifestyle, taking into account the physiological characteristics of the body.
<b>General professional competencies</b>					
4	<b>GPC - 2 .</b> Capable of conducting and implementing control efficiency	<b>AI GPC -2.1.</b> Uses preventive medicine methods aimed at improving the health of the population.	Methods and measures for prevention, formation healthy lifestyle	Conduct discussions about healthy lifestyles with interested people contingents,	Ability to develop work plan formation By

	<p>activities for prevention, the formation of a healthy lifestyle and sanitary and hygienic education of the population.</p>	<p><b>AI GPC -2.2.</b> Promotes a healthy lifestyle aimed at improving sanitary culture and preventing diseases of patients (population).</p> <p><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.</p> <p><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.</p> <p><b>AI GPC -2.5.</b> Assesses the characteristics of population health and environmental factors that impact the body, and knows the biophysical mechanisms of such impact.</p> <p><b>AI GPC -2.6.</b> Assesses the need for the use of medicinal and non-medicinal prophylaxis, natural healing factors and other methods aimed at preventing the occurrence of diseases and eliminating risk factors for their development.</p> <p><b>AI GPC -2.7.</b> Considers the effects of drugs and biologically active substances, their combinations, taking into account</p>	<p>and sanitary and hygienic education of the population.</p>	<p>to monitor the effectiveness of measures for prevention, the formation of a healthy lifestyle and sanitary and hygienic education of the population.</p>	<p>healthy lifestyle and sanitary and hygienic education of the population.</p>
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		morphofunctional features and physiological state of the human body .			
5	<b>GPC - 4.</b> Capable of using medical devices provided for by the procedure for providing medical care, as well as conducting patient examinations to establish a diagnosis.	<p><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.</p> <p><b>AI GPC -4.2.</b> Knows the indications and contraindications for the use of instrumental, functional and laboratory examination methods, possible complications during the examination, emergency care and their prevention.</p> <p><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.</p> <p><b>AI GPC -4.4.</b> Proficient in methods of general clinical examination of patients of different ages.</p> <p><b>AI GPC -4.5.</b> Formulates a preliminary diagnosis and clinical diagnosis according to ICD.</p>	Essential medical products , specialized equipment, technologies, and medications provided for in the procedure for providing medical care.	Justify the choice of essential medical products , specialized equipment, technology, medicines, provided for by the procedure for providing medical care help.	The ability to conduct a patient examination to establish a diagnosis And interpretation of the results of the most common methods of instrumental, laboratory and functional diagnostics, thermometry to identify pathological processes.
6	<b>GPC - 5 .</b> Able to evaluate	<b>AI GPC -5.1.</b> Knows the functional systems of the human body, their regulation and	Morphofunctional, physiological	To evaluate morphofunctional,	Ability to assess physical development

	<p>morphofunctional, physiological states and pathological processes in the human body to solve professional problems.</p>	<p>self-regulation when interacting with the external environment in normal and pathological processes.</p> <p><b>AI GPC -5.2.</b> Knows the etiology, pathogenesis, morphogenesis, pathomorphosis of disease development, and the basic concepts of nosology.</p> <p><b>AI GPC -5.3.</b> Knows the indicators of the morphofunctional, physiological state of a healthy person and can measure/determine them.</p> <p><b>AI GPC -5.4.</b> Uses 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.</p> <p><b>AI GPC -5.5 .</b> Analyzes macroscopic and microscopic changes in normal and pathologically altered tissues and organs.</p> <p><b>AI GPC -5.6.</b> Interprets the results of biopsy and surgical material studies to solve professional problems and formulate a diagnosis in accordance with ICD.</p>	<p>states and pathological processes in the human body to solve professional problems.</p>	<p>physiological states and pathological processes in the human body to solve professional problems.</p>	<p>body, data from medical examinations of various contingents and periodic medical examinations to solve a professional problem.</p>
7	<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 its pharmacokinetic and pharmacodynamic characteristics for the treatment of patients with various nosological forms in outpatient and</p>	<p>Mechanisms of action medicines by their totality pharmacokinetic and pharmacodynamic characteristics for</p>	<p>Prescribe treatment patients with various nosological forms in outpatient</p>	<p>Ability choice medicinal funds for its totality pharmacokinetic</p>

		<p>stationary conditions.</p> <p><b>AI GPC -7.2.</b> Selects the optimal minimum of the most effective means, using convenient methods of their use and the patient's financial capabilities for purchasing medications.</p> <p><b>AI GPC -7.3.</b> Explains the main and side effects of drugs, effects from their combined use and interaction with food , taking into account the morphofunctional characteristics, physiological states and pathological processes in the human body.</p> <p><b>AI GPC -7.4.</b> Prescribes medications for the treatment of diseases and correction of pathological conditions based on the characteristics of the pharmacokinetics and pharmacodynamics of drugs.</p> <p><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.</p> <p><b>AI GPC -7.6.</b> Analyzes the results of possible drug interactions when used in combination</p>	<p>treatment of patients with various nosological forms in outpatient settings.</p>	<p>conditions and monitor its effectiveness and safety.</p>	<p>and pharmacodynamic characteristics for the treatment of patients with various nosological forms in outpatient settings.</p>
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		<p>various drugs.</p> <p><b>AI GPC -7.7.</b> Evaluates the effectiveness and safety of drug therapy based on a combination of clinical and laboratory data, instrumental and other diagnostic methods.</p>			
8	<p><b>GPC - 8.</b> Capable of implementing and monitoring the effectiveness of medical rehabilitation of the patient, including when implementing individual rehabilitation programs and rehabilitation of disabled people, to carry out assessment of the patient's ability to perform work activities.</p>	<p><b>AI GPC -8.1.</b> Evaluates 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 rehabilitation potential for subsequent restorative treatment and rehabilitation of patients.</p> <p><b>AI GPC -8.3.</b> Develops and organizes a plan events medical rehabilitation of patients, including non-drug treatment methods (natural healing factors, physiotherapy and reflexology, exercise therapy).</p> <p><b>AI GPC -8.4.</b> Interprets the results of clinical, laboratory, instrumental, neuropsychological diagnostic methods to monitor the effectiveness of medical rehabilitation programs and assessment the patient's ability to perform work activities.</p>	<p>The main principles of monitoring the effectiveness of medical rehabilitation of a patient, including when implementing individual rehabilitation and habilitation programs for disabled people, are to assess the patient's ability to perform work activities.</p>	<p>Carry out activities to identifying the group risk for the purpose of recovery and determination of rehabilitation potential for subsequent restorative treatment and rehabilitation of patients.</p>	<p>The ability to monitor the effectiveness of the patient's medical rehabilitation, including in the implementation of individual rehabilitation and habilitation programs for disabled people, and to assess the patient's ability to carry out labor examination.</p>
9	<p><b>GPC - 11.</b> Capable of preparing a</p>	<p><b>AI GPC - 11.1.</b> Applies modern methods of collecting and processing information, conducts statistical analysis of the obtained data</p>	<p>Scientific, scientific and industrial, design,</p>	<p>Prepare and apply scientific-</p>	<p>The ability to conduct scientific research practical</p>

	<p>apply scientific, scientific-production, design, organizational-managerial and regulatory documentation in the healthcare system.</p>	<p>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, conducts searches and selection of 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 to solve professional problems.</p> <p><b>AI GPC -11.4.</b> Conducts scientific and practical research, analyzes information With using the historical method and prepares publications based on the research results.</p> <p><b>AI GPC -11.5.</b> Analyzes and prepares accounting and reporting medical documentation and calculates qualitative and quantitative indicators used in professional activities.</p>	<p>organizational, managerial and regulatory documentation in the healthcare system.</p>	<p>production, design, organizational, managerial and regulatory documentation in the healthcare system, to search for and select scientific, regulatory, legal and organizational and administrative documentation in accordance with the specified goals.</p>	<p>research, analyze information using the historical method and prepare publications based on the research results.</p>
<b>Professional competencies</b>					
10	<p><b>PC -1 .</b> Able to provide medical care in urgent and emergency situations.</p>	<p><b>AI PC -1.1.</b> Identifies clinical signs of conditions requiring emergency medical care .</p> <p><b>AI PC -1.2.</b> Provides emergency medical care to patients with sudden acute illnesses, conditions,</p>	<p>Clinical signs of conditions requiring emergency medical care .</p>	<p>Identify and provide emergency medical care patients at sudden acute diseases, conditions, exacerbations</p>	<p>Skills in providing medical care in emergency and urgent situations at sudden acute diseases,</p>

		<p>exacerbation of chronic diseases without obvious signs of a threat to the patient's life.</p> <p><b>AI PC -1.3.</b> Identifies conditions that require emergency medical care .</p> <p><b>AI PC -1.4.</b> Provides emergency medical care to patients in conditions that pose a threat to the patient's life.</p> <p><b>AI PC -1.5.</b> Reveals signs of sudden cessation of blood circulation and breathing.</p> <p><b>AI PC -1.6.</b> Performs basic cardiopulmonary resuscitation in combination with electropulse therapy (defibrillation) in the event of clinical death of the patient (in case of sudden cessation of circulation and/or respiration).</p>		<p>chronic diseases without obvious signs of a threat to the patient's life.</p>	<p>conditions, exacerbation of chronic diseases without obvious signs threats to the patient's life.</p>
11	<p><b>PC - 2.</b> Able to collect and analyze complaints, life history and medical history of the patient in order to establish a diagnosis.</p>	<p><b>AI PC -2.1.</b> Establishes contact with the patient.</p> <p><b>AI PC -2.2.</b> Collects complaints, specifies them, highlighting the main and secondary ones.</p> <p><b>AI PC -2.3.</b> 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><b>AI PC -2.4.</b> Analyzes the timing of the first and repeated requests for medical care, the volume of therapy provided, its</p>	<p>Algorithms for collecting complaints, life history and medical history of the patient in order to establish a diagnosis.</p>	<p>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.</p>	<p>Skills in collecting complaints, life history and medical history of the patient in order to establish a diagnosis.</p>

		<p>efficiency.</p> <p><b>AI PC -2.5.</b> Collects and evaluates information about the patient's medical history, including data on past illnesses, injuries and surgical interventions, hereditary, professional</p>			
12	<p><b>PC - 3.</b></p> <p>Able to conduct a physical examination of a patient and analyze the results of additional examination methods in order to establish a diagnosis.</p>	<p><b>AI PC -3.1.</b> Conducts a complete physical examination of the patient (inspection, palpation, percussion, auscultation) and interprets its results.</p> <p><b>AI PC -3.2.</b> Justifies the necessity, volume, sequence of diagnostic measures (laboratory, instrumental) and referral of the patient to consultations with medical specialists.</p> <p><b>AI PC -3.3.</b> Analyzes the results of the patient's examination, if necessary, justifies and plans the scope of additional studies.</p> <p><b>AI PC -3.4.</b> 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; if necessary, justifies and plans the scope of additional research.</p> <p><b>AI PC -3.5.</b> Performs early diagnostics of internal organ diseases. Establishes a diagnosis taking into account</p>	<p>Methodology for conducting a complete physical examination of the patient and the International Statistical Classification of Diseases and Related Health Problems (ICD).</p>	<p>Analyze the results obtained from the patient's examination .</p>	<p>Skills for early diagnosis of internal organ diseases.</p>

		<p>current international statistical classification of diseases and related health problems (ICD).</p> <p><b>AI PC -3.6.</b> Performs differential diagnostics of internal organ diseases from other diseases.</p>			
13	<p><b>PC - 4.</b> Capable of determining indications for hospitalization, indications for emergency, including specialized emergency, medical care.</p>	<p><b>AI PC -4.1.</b> Determines medical indications for the provision of emergency, including emergency specialized, medical care.</p> <p><b>AI PC -4.2.</b> Refer the patient for specialized medical care in an inpatient setting or in a day hospital setting if there are medical indications 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.</p> <p><b>AI PC -4.3.</b> 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 a day hospital setting.</p>	<p>Skills in using medical devices in accordance with current procedures for providing medical care, clinical recommendations ( treatment protocols) on issues of providing medical care, and care taking into account medical care standards .</p>
14	<p><b>PC - 5.</b> Able to prescribe treatment to patients.</p>	<p><b>AI PC -5.1.</b> 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 current procedures for providing medical care,</p>	<p>Clinical guidelines (treatment protocols) for the provision of medical care with taking into account standards</p>	<p>Creates a treatment plan for the patient taking into account the diagnosis, age of the patient, clinical picture of the disease, presence</p>	<p>Skills in drawing up a treatment plan for a patient taking into account the diagnosis, patient's age, clinical picture</p>

		<p>clinical guidelines (treatment protocols) on issues of providing medical care, taking into account the standards of medical care.</p> <p><b>AI PC -5.2.</b> 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><b>AI PC -5.3.</b> 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, and taking into account the standards of medical care.</p> <p><b>AI PC -5.4.</b> Provides palliative medical care in collaboration with medical specialists and other medical workers.</p> <p><b>AI PC -5.5.</b> Organizes personalized treatment for patients, including pregnant women, elderly and senile patients .</p>	medical care	<p>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>diseases, the 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>
15	<b>PC - 6.</b> Capable of monitoring the effectiveness and security	<b>AI PC -6.1.</b> Assesses the effectiveness and safety of the use of drugs, medical devices, therapeutic nutrition and other treatment methods.	Pharmacodynamics and pharmacokinetics of the main groups of drugs.	Evaluate the effectiveness and safety of use medicinal	Skills in monitoring the effectiveness and security

	the therapy being carried out.	<b>AI PC -6.2.</b> Takes into account the pharmacodynamics and pharmacokinetics of the main groups of drugs, prevents the development of adverse drug reactions, and carries out their correction in case of occurrence.		drugs, medical devices, therapeutic nutrition and other treatment methods.	being carried out .
16	<b>PC - 7.</b> Able to refer a patient with persistent dysfunction of the body caused by diseases, consequences of injuries or defects for medical and social examination.	<b>AI PC -7.1.</b> Identifies signs of temporary disability and signs of persistent impairment of body functions caused by diseases, consequences of injuries or defects.  <b>AI PC -7.2 .</b> Participates in conducting examinations of temporary disability and work as part of the medical commission that carries out examinations of temporary disability.  <b>AI PC -7.3.</b> Prepares the necessary medical documentation for the implementation of medical and social expertise in federal state institutions of medical and social expertise.  <b>AI PC -7.4.</b> Refer a patient with persistent dysfunction of the body caused by diseases, consequences of injuries or defects on medical and social examination.	Signs of temporary disability and signs of persistent impairment of body functions caused by diseases, consequences of injuries, etc.	Conduct examination of temporary disability and prepare the necessary medical documentation for the implementation of medical and social examination in federal government institutions medical and social expertise.	Skills in conducting an examination of temporary disability and preparing the necessary medical documentation for the implementation of medical and social examination in federal state institutions of medical and social examination.
17	<b>PC - 8.</b> Able to implement and control efficiency individual	<b>AI PC -8.1.</b> Determines medical indications for carrying out medical rehabilitation or habilitation measures for disabled persons, in accordance with the current procedures for the provision of medical care, Clinical guidelines on issues	Medical indications for carrying out medical rehabilitation measures or Rehabilitation of disabled people, in	Determine medical indications for medical interventions rehabilitation or	and control skills patient rehabilitation programs.

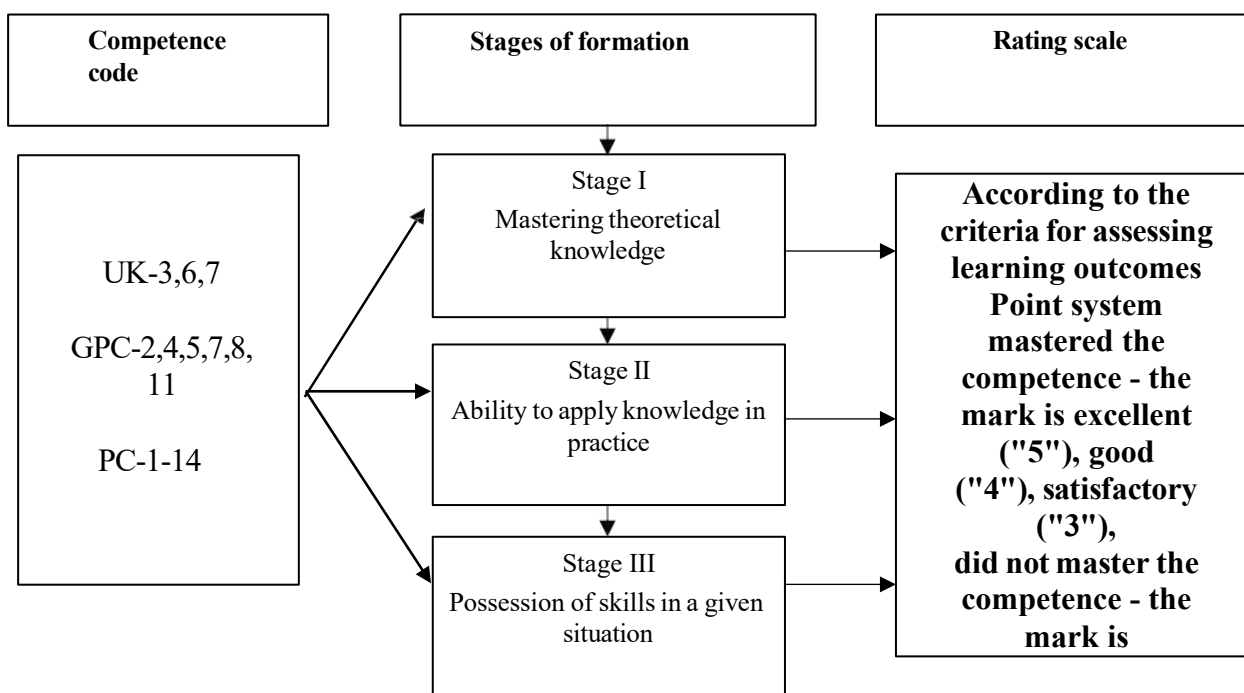
	rehabilitation programs for patients.	<p>provision of medical care, taking into account the standards of medical care.</p> <p><b>AI PC -8.2.</b> Carries out medical rehabilitation measures for the patient, in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on issues of providing medical care, taking into account the standards of medical care.</p> <p><b>AI PC -8.3.</b> Identifies medical specialists For carrying 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.</p> <p><b>AI PC- 8.4.</b> Monitors and evaluates the effectiveness and safety of rehabilitation measures, taking into account the diagnosis and in accordance with 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>	in accordance with the current procedures for the provision of medical care, clinical recommendations on issues of providing medical care, taking into account the standards of medical care.	Rehabilitation of disabled persons, in accordance with current procedures for the provision of medical care, clinical recommendations on issues of providing medical care, taking into account the standards of medical care.	
18	<b>PC - 9.</b> Capable of carrying out preventive measures Medical examinations, check-ups and	<b>AI PC- 9.1.</b> Organizes and conducts medical examinations taking into account age, health status, profession in accordance with current Regulatory legal acts and other	The main current regulatory legal acts and other documents.	Conduct medical examinations taking into account age, health status, professions in	Skills for carrying out dispensary observation patients with

	implementation of dispensary observation of patients with chronic diseases.	documents.  <b>AI PC- 9.2.</b> Conducts medical examination of the adult population for the purpose of early detection of chronic non-communicable diseases and the main risk factors for their development.  <b>AI PC- 9.3.</b> Conducts outpatient observation of patients with identified chronic non-infectious diseases.  <b>AI PC- 9.4.</b> Determines medical indications for referral to doctors- Specialists on additional research methods based on the results of medical examination.		in accordance with current regulatory legal acts and other documents.	identified chronic non-communicable diseases.
19	<b>PC - 10.</b> Capable of conducting and monitoring the effectiveness of preventive measures and promoting a healthy lifestyle.	<b>AI PC- 10.1.</b> Prescribes preventive measures to patients taking into account risk factors for the prevention and early detection of diseases, including socially significant diseases.  <b>AI PC- 10.2.</b> Develops and implements programs for the formation of a healthy lifestyle, including programs for reducing alcohol and tobacco consumption, preventing and combating non-drug use of narcotic drugs and psychotropic substances.  <b>AI PC- 10.3.</b> Conducts sanitary and anti-epidemic measures in case of The emergence of a source of infection.	programs , including programs to reduce alcohol and tobacco consumption, prevent and fight against non-drug use of narcotic drugs and psychotropic substances.	Conduct and monitor the effectiveness of preventive measures and the formation of a healthy lifestyle.	Skills in carrying out preventive work activities and formation of a healthy lifestyle.
20	<b>PC - 11.</b>	<b>AI PC- 11.1.</b> Organizes medical	Basic principles	Provide	Skills make up

	<p>Capable of Application of the basic principles of organization and management in the field of health protection of the assigned population, in medical organizations and their structural divisions.</p>	<p>assistance in medical organizations providing outpatient medical care, including at home when calling a medical worker.</p> <p><b>AI PC- 11.2.</b> Monitors the performance of job responsibilities by the district nurse and other available medical workers.</p> <p><b>AI PC- 11.3.</b> Uses methods and means of visual presentation of activity results.</p> <p><b>AI PC- 11.4.</b> Prepares a work plan and report on the work of the district physician in accordance with established requirements.</p> <p><b>AI PC- 11.5.</b> Ensures internal control of the quality and safety of medical activities within the scope of job responsibilities.</p> <p><b>AI PC- 11.6.</b> Uses information systems and information and telecommunications networks in professional activities "Internet".</p>	<p>organization and management in the field of health protection of the assigned population, in medical organizations and their structural divisions.</p>	<p>internal quality control and safety of medical activities within the scope of official duties.</p>	<p>work plan and report on the work of the doctor district police officer in accordance with established requirements.</p>
21	<p><b>PC - 12.</b> Ready to maintain medical records, including in electronic form.</p>	<p><b>AI PC -12.1.</b> Fills out medical documentation, including in electronic form.</p> <p><b>AI PC -12.2 .</b> Works with personal data of patients and information constituting a medical secret.</p> <p><b>AI PC -12.3.</b> Prepares documents when</p>	<p>Basic medical documentation and how to fill it out.</p>	<p>Fill out medical documentation, including in electronic form.</p>	<p>Skills in working with patients' personal data and information constituting a medical secret.</p>

		Referral of patients for hospitalization, consultation, spa treatment, medical and social examination.			
22	<b>PC - 13.</b> Ready to participate in assessing the quality of medical care provided to patients using medical and statistical indicators.	<b>AI PC -13.1.</b> Conducts an analysis of medical and statistical indicators of morbidity, disability and mortality to assess the health of the assigned population.  <b>AI PC- 13.2.</b> Analyzes official statistical reporting data, including federal and industry forms Statistical observation.	Statistical reporting, including forms of federal and industry statistical observation.	Conduct an analysis of medical and statistical indicators of morbidity, disability and mortality to assess the health of the attached population.	Skills in conducting statistical reporting.
23	<b>PC - 14.</b> Capable of participating in research activities.	<b>AI PC -14.1.</b> Participates in scientific research.  <b>AI PC -14.2.</b> Analyzes medical information based on evidence-based medicine.  <b>AI PC -14.3.</b> Introduces new methods and techniques into practical healthcare aimed at protecting the health of adults population.	Medical information based on evidence-based medicine.	Analyze medical information based on evidence-based medicine.	Skills in introducing new methods and techniques into practical healthcare aimed at protecting the health of the adult population.

## Stages of competencies formation and description of assessment scales



### 2. Structure and content of practice

#### Scope of practice

Scope of practice	
Total labor intensity in hours, total	108
Total workload in credit units, total	3
Type of intermediate assessment	Credit with grade

#### Type of practice

Industrial practice is a mandatory section of the educational process, directly focused on the professional and practical training of students. When implementing the program, attention is paid to the students' development of the proposed list of mandatory practical skills.

#### students' knowledge

Current monitoring of students' implementation of the internship program is carried out by internship supervisors on a daily basis in the form of monitoring the completion of individual internship assignments, keeping internship diaries, and developed practical skills and abilities.

Interim assessment (credit) is carried out by means of an interview

theoretical questions, testing, checking the acquisition of practical skills and abilities, and assessing reporting forms.

The teacher individually evaluates the fulfillment of the goals and objectives of the industrial practice by each student. The assessment at the test is formed taking into account the results of testing, the level of acquisition of practical skills, abilities and theoretical knowledge, the correctness of the diary, as well as the discipline of the student.

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 imprecise 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.

### **Assessment scales for intermediate knowledge control 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, 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 for diagnosing the respiratory system in a simulation class).

**"Good"** - the student has fully mastered the practical skills provided 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 of the practical skills provided by the program.

**"Unsatisfactory"** – practical skills provided 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.

#### **Criteria for assessing 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, and present the answer competently and logically.

**"Good"** - the student has fully mastered the educational material and is familiar with it,

correctly, but the content of the information contains some inaccuracies.

**“Satisfactory”** - the student has mastered the knowledge and understanding of the main provisions of the educational material, but presents it incompletely, inconsistently, and does not know how to express and justify his judgments.

**“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, and presents the material in a disorderly and uncertain manner.

### **Test control evaluation criteria**

**“Excellent”** - allows up to 10% of incorrect answers during testing .

**“Good”** - allows up to 20% of incorrect answers during testing .

**“Satisfactory”** - allows up to 30% of incorrect answers during testing .

**“Satisfactory”** - during testing, more than 30% of incorrect answers are allowed.

### **3. Educational, methodological, logistical and informational support for practice**

#### **Main literature**

1. Larina, V. N. Outpatient therapy: textbook / edited by Larina V. N. - Moscow: GEOTAR-Media, 2024. - 648 p. - ISBN 978-5-9704-8383-1. - Text: electronic // Electronic Library System "Student Consultant": [site]. - URL: <https://www.studentlibrary.ru/book/ISBN9785970483831.html> (accessed: 02.04.2025). - Access mode: by subscription.
2. Outpatient therapy: textbook / edited by O. Yu. Kuznetsova, E. V. Frolova. - Moscow: GEOTAR-Media, 2023. - 800 p. - ISBN 978-5-9704-7562-1, DOI: 10.33029/9704-7562-1-PTK-2023-1-800. - Electronic version is available on the website of the Electronic Library System "Student Consultant": [site]. URL: <https://www.studentlibrary.ru/book/ISBN9785970475621.html> (date accessed: 02.04.2025). - Access mode: by subscription. - Text: electronic
3. Outpatient therapy: textbook / edited by I. L. Davydkin, Yu. V. Shchukin. - 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: <https://www.studentlibrary.ru/book/ISBN9785970471999.html> (date accessed: 02.04.2025). - Access mode: by subscription.

#### **Further reading**

1. Larina, V. N. Clinical norms. Therapy: standard / V. N. Larina - Moscow: GEOTAR-Media, 2021. - 256 p. - ISBN 978-5-9704-6297-3. - Text: electronic // Electronic Library System "Student Consultant": [site]. - URL: <https://www.studentlibrary.ru/book/ISBN9785970462973.html> (date accessed: 04/02/2025). - Access mode: by subscription.
2. Kuznetsova, O. Yu. Palliative care in outpatient settings: a guide for doctors / edited by O. Yu. Kuznetsova. - Moscow: GEOTAR-Media, 2021. - 336 p. - ISBN 978-5-9704-5948-5. - Text: electronic // Electronic Library System "Student Consultant": [website]. - URL: <https://www.studentlibrary.ru/book/ISBN9785970459485.html> (accessed: 04/02/2025). - Access mode: by subscription.

3. 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 // Electronic Library System "Student Consultant": [site]. - URL: <https://www.studentlibrary.ru/book/ISBN9785970464489.html> (accessed: 02.04.2025). - Access mode: by subscription.
4. Pulmonology: a textbook / B. A. Bakirov, R. A. Davletshin, A. Kh. Khasanov [et al.]. - Ufa: BSMU, 2021. - 152 p. - Text: electronic // Lan: electronic library system. - URL: <https://e.lanbook.com/book/174068> (date accessed: 02.04.2025). - Access mode: for authorized users.
5. Pavlenko, V. I. Acid-dependent and Helicobacter pylori-associated diseases in the practice of a district therapist: a tutorial / V. I. Pavlenko, O. M. Goncharova, I. P. Soluyanova. - Blagoveshchensk: Amur State Medical Academy of the Ministry of Health of the Russian Federation, 2021. - 171 p. - Text: electronic // Lan: electronic library system. - URL: <https://e.lanbook.com/book/192848> (date accessed: 02.04.2025). - Access mode: for authorized users.
6. Federal Law "On the Fundamentals of Health Protection of Citizens in the Russian Federation" dated 21.11.2011 N 323-FZ.
7. Order of the Ministry of Health and Social Development of the Russian Federation of May 15, 2012 No. 543n "On approval of the Regulation on the organization of provision of primary health care to the adult population."
8. Order of the Ministry of Health of Russia dated 15.12.2014 N 834n "On approval of unified forms of medical documentation used in medical organizations providing medical care in outpatient settings, and procedures for filling them out."
9. Order of the Ministry of Health of Russia dated 23.11.2021 N 1089n (as amended on 13.12.2022) "On approval of the Conditions and procedure for generating sick leave certificates in the form of an electronic document and issuing sick leave certificates in the form of a paper document in cases established by the legislation of the Russian Federation."
10. Order of the Ministry of Health of Russia dated 14.01.2019 N 4n "On approval of the procedure for prescribing medicinal products, forms of prescription forms for medicinal products, the procedure for issuing these forms, their accounting and storage."
11. Resolution of the Government of the Russian Federation of 30.06.1998 N 681 "On approval of the list of narcotic drugs, psychotropic substances and their precursors subject to control in the Russian Federation".
12. Order of the Ministry of Health of Russia dated 24.11.2021 N 1094n "On approval of the Procedure for prescribing medicinal products, forms of prescription forms for medicinal products, the Procedure for issuing these forms, their accounting and storage, forms of prescription forms containing the prescription of narcotic drugs or psychotropic substances, the Procedure for their manufacture, distribution, registration, accounting and storage, as well as the Rules for issuing prescription forms, including in the form of electronic documents."
13. Order of the Ministry of Health of Russia dated 04/27/2021 N 404n "On approval of the Procedure for conducting preventive medical examination and medical examination of certain groups of the adult population."
14. Order of the Ministry of Health of Russia dated 15.03.2022 N 168n "On approval of the procedure for conducting dispensary observation of adults".
15. Order of the Ministry of Health of Russia dated 19.02.2021 N 116n (as amended on 24.01.2022) "On approval of the Procedure for providing medical care to the adult population with oncological diseases".

**Educational and methodological support for practice, prepared by the department staff**

**Equipment used to conduct the practice**

<b>No. p/p</b>	<b>Name of equipped classrooms, facilities for conducting practical classes (quantity, pcs.)</b>
1	Educational and methodological office Basic equipment: table-4 and chairs-9; bookcase .
2	Department classroom Basic equipment: board-1; tables-9 and chairs-23; cabinet-1, visual aids-21; stands -3.
3	Basic equipment: tables-1 and chairs-3; bookcase- 1.
4	Basic equipment: computer - 1, tables - 2 and chairs - 3, bookcase - 2, visual aids - 23.
5	Department classroom Basic equipment: tables - 2 and chairs - 10; couch - 1.
6	Department classroom. Basic equipment: tables-7 and chairs-22; visual aids-14; stands 4.
7	Department classroom. Basic equipment: tables-6 and chairs-12; visual aids-16; stands-4.

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

<b>Resource name</b>	<b>Resource Description</b>	<b>Access</b>	<b>Resource address</b>
<b>Electronic library systems</b>			
"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.	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, postgraduate students, residents, senior students, and healthcare managers for the rapid search, selection, and reading of medical literature necessary for 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 library system "Bookup"	Large medical library - information and educational platform for the joint use of electronic educational, educational and methodological publications of medical universities of Russia and the CIS countries	Remote access after registration under the university profile	<a href="https://www.books-up.ru/">https://www.books-up.ru/</a>

EBS "Lan"	Network electronic library of medical universities - 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 paradigm of open science (OpenScience), the main tasks of which are the popularization of science and scientific activity, public control of the quality of scientific publications, the development of interdisciplinary research, a modern institute of scientific review, increasing the citation of Russian science and building a knowledge infrastructure. Contains more than 2.3 million scientific articles.	free access	<a href="https://cyberleninka.ru/">https://cyberleninka.ru/</a>
OxfordMedicineOnline	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.	free access	<a href="http://www.oxfordmedicine.com">http://www.oxfordmedicine.com</a>
Human Biology Knowledge Base	Reference information on physiology , cell biology , genetics , biochemistry , immunology , pathology . (Resource of the Institute of Molecular Genetics of the Russian Academy of Sciences .)	free access	<a href="http://humbio.ru/">http://humbio.ru/</a>
Medical online library	Free reference books, encyclopedias, books, monographs, abstracts, English-language literature, tests.	free access	<a href="https://www.medlib.ru/library/library/books">https://www.medlib.ru/library/library/books</a>
<b>Information systems</b>			
Clinical Guidelines Rubricator	A resource of the Russian Ministry of Health that contains clinical recommendations developed and approved by medical professional non-profit organizations of the Russian Federation, as well as methodological guidelines, nomenclatures and other reference materials.	link to download the application	<a href="https://cr.minzdrav.gov.ru/#/">https://cr.minzdrav.gov.ru/#/</a>
Federal Electronic Medical Library (FEMB)	The Federal Electronic Medical Library is part of the unified state information system in the field of healthcare as a reference system . FEMB was created on the basis of the funds of the Central Scientific Medical Library named after I.M. Sechenov.	free access	<a href="https://femb.ru/">https://femb.ru/</a>
Russian Medical Association	Professional Internet resource. Objective: to promote effective professional activity of medical personnel. Contains the 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 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.	free access	<a href="http://webmed.irkutsk.ru/">http://webmed.irkutsk.ru/</a>
Databases			
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.	free access	<a href="http://www.who.int/ru/">http://www.who.int/ru/</a>
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>
Federal portal "Russian education"	A single window for access to educational resources. This portal provides access to textbooks on all branches of medicine and health care.	free access	<a href="http://www.edu.ru/">http://www.edu.ru/</a>
<a href="http://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>
Bibliographic databases			
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 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.	free access	<a href="https://rucml.ru/">https://rucml.ru/</a>
PubMed	A text <a href="#">database of</a> medical and biological publications in English. The PubMed database is an electronic search engine with free access to 30 million publications from 4,800 indexed journals on medical topics. The database contains articles published from 1960 to the present day, including information from MEDLINE, PreMEDLINE, NLM. Each year, the portal is replenished with more than 500 thousand new works.	free access	<a href="https://pubmed.ncbi.nlm.nih.gov/">https://pubmed.ncbi.nlm.nih.gov/</a>
eLIBRARY.RU	Russian information portal in the field of science, technology, medicine and education, containing abstracts and full texts of more than	Full functionality of the site is	<a href="http://elibrary.ru/defaultx.asp">http://elibrary.ru/defaultx.asp</a>

	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.	available after registration	
Electronic library of dissertations (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=disscatalog/">http://diss.rsl.ru/?menu=disscatalog/</a>
Medline.ru	Medical and biological portal for specialists. Biomedical journal.	free access	<a href="https://journal.scbmt.ru/jour/index">https://journal.scbmt.ru/jour/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>

### Licensed and freely distributed software used in the educational process

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 1 year Educational Renewal License	Agreement No. 7 AA dated 02/07/2025
5.	1C Accounting and 1C Salary	LICENSE AGREEMENT 612/L dated 02.02.2022 (additional licenses)
6.	PROF University	LICENSE AGREEMENT No. KrTsB-004537 dated 12/19/2023
7.	1C: PROF Library	LICENSE AGREEMENT No. 2281 dated 11.11.2020
8.	Consultant Plus	Contract No. 41AA dated 12/27/2024
9.	Contour.Tolk	Agreement No. K213753/24 dated 13.08.2024
10.	E-learning environment 3KL (Russian Moodle)	Agreement No. 1362.5 dated November 20, 2024
11.	AstraLinuxCommonEdition	Agreement No. 142 A dated September 21, 2021
12.	Information system "Plans"	Agreement No. 2873-24 dated June 28, 2024
13.	1C: Document Management	Agreement No. 2191 dated 10/15/2020
14.	R7-Office	Agreement No. 2 KS dated 12/18/2020
15.	License "OS ROSA CHROME workstation"	Agreement No. 88A dated 08/22/2024
16.	Alt Virtualization Server 10 (for secondary specialized and higher professional education)	Agreement No. 14AK dated 09/27/2024
17.	Dr.WebDesktopSecuritySuite 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

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.WebCureIt!	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>
7.	Kaspersky Free Antivirus	Freely distributed <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>

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

1. <https://amurgma.ru/obuchenie/biblioteki/biblioteka-amurskoy-gma/>;
2. <https://www.studentlibrary.ru>.

#### 4. Evaluation Fund

##### Examples of test tasks for intermediate knowledge control

Test tasks of the intermediate knowledge control are conducted in the Moodle system. Access mode: <https://educ-amursma.ru/mod/quiz/view.php?id=5209>

Number of test questions – 100 Indicate one

correct answer:

1. THE FUNCTIONAL RESPONSIBILITIES OF THE REGISTRATION OFFICE INCLUDE:
  - 1) distribution of patient flow in the clinic
  - 2) provision of emergency care
  - 3) issuing referrals for examination
  - 4) preparation of documents for medical examination
  
2. THE DUTIES OF A DISTRICT PHYSICIAN DO NOT INCLUDE:
  - 1) disability group
  - 2) provision of medical care
  - 3) referral for spa treatment
  - 4) issuance of a certificate of incapacity for work
  
3. STAGES OF MEDICAL EXAMINATION ACCORDING TO NEW LEGISLATIVE DOCUMENTS:
  - 1) two stages
  - 2) four stages
  - 3) three stages
  - 4) one stage

Answer Standards: Correct Answer 1

##### List of practical skills that a student should have after completing an internship

1. Collect anamnesis, interview the patient
2. Conduct a proper 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
12. Formulate indications for the selected method of treatment taking into account etiotropic 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. Create a treatment plan for a specific patient
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 in the event of clinical death
23. Timely identification of life-threatening disorders (acute blood loss, respiratory failure, pulmonary edema, hypertensive crisis, myocardial infarction, cardiac asthma, cardiac arrest, paroxysmal tachycardia, coma, anaphylactic shock), use methods for their immediate elimination, and carry out anti-shock measures
24. Determine indications for hospitalization of medical patients
25. Determine the patient's ability to work at the time of the initial examination and after

end of treatment

26. Use legislative acts on examination of temporary and permanent disability; establish the cause of temporary disability and criteria for recovery and discharge to work
27. Correctly draw up documents certifying temporary disability
28. Timely identification of signs of disability, prediction of disability group, preparation of documents for referral to medical and social examination
29. Timely identification of indications for rational employment and its correct implementation
30. Create an individual rehabilitation program for a disabled person
31. Conduct medical examinations, draw up a medical examination plan, a health improvement plan; evaluate the quality and effectiveness of medical examinations
32. Provide the patient with recommendations on primary prevention and a healthy lifestyle
33. Select individuals for BCG vaccination and revaccination taking into account the results of mass tuberculin diagnostics, assess the nature of the local vaccination reaction and possible post-vaccination complications; form high-risk groups for tuberculosis, assess the effectiveness of dispensary monitoring of patients
34. Correctly maintain and fill out medical documentation: outpatient patient card (form No. 025u-04), sick leave certificate, control card of a patient registered with a dispensary (No. 095/u), referral for medical and social examination (No. 088/u-97), referral for hospitalization (No. 070/u-04), registration card of a 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.
35. Be able to draw up annual medical reports and plans for the dispensary examination of patients

### **List of questions for the test**

1. Management of the polyclinic. Functions of the chief physician of the polyclinic.
2. Structure of the city municipal polyclinic.
3. Clinic registration. Tasks and functions of the registry
4. Auxiliary diagnostic departments of the polyclinic.  
Department tasks.
5. Functions of a general practitioner (family doctor).
6. Accounting and reporting documentation of a district physician, general practitioner (family doctor).
7. Organization of the activities of a local general practitioner.
8. district physician
9. Rights and responsibilities of specialist doctors at the clinic (cardiologist, pulmonologist, gastroenterologist, endocrinologist, etc.).
10. Functions of the Deputy Chief Physician for the examination of temporary disability
11. Deontological principles in 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 in the clinic
14. district physician
15. The procedure for writing prescriptions for outpatients .  
Features of writing prescriptions for narcotic drugs
16. Organization of preventive work in 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. The main tasks of the health center .
19. Oncological alertness in the work of a district physician. A program for examining patients with suspected oncological disease in a polyclinic setting,
20. Electronic outpatient card. Pros and cons of an 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. Brief preventive counseling algorithm
25. In-depth preventive counseling. Purpose. Algorithm of in-depth preventive counseling
26. Primary prevention of socially significant diseases (cardiovascular, tuberculosis, cancer, diabetes, etc.)
27. Possibilities of examination in a polyclinic for verification of 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 a preliminary and detailed clinical diagnosis for 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. Procedure for issuing documents certifying temporary disability Procedure for filling out a temporary disability certificate
32. Advantages and disadvantages of spa treatment. Rules for issuing a certificate for obtaining a voucher for spa treatment (Form No. 070\u), a spa card (Form 072/u)
33. Indications for referring patients for inpatient treatment
34. Functions and composition of the VK
35. Organization of provision of primary health care to persons entitled to a set of social services
36. Organization of the work of a general practitioner

37. Principles of lean manufacturing. Clinical and diagnostic criteria.
38. Basic principles of treatment at the outpatient stage of diseases of the bronchopulmonary system, cardiovascular diseases, diseases of the digestive organs, biliary and urinary systems, and joint diseases.

APPROVED

at the department of Faculty and Outpatient Therapy  
Protocol No. 6 of May 14, 2026

Head of the Department

 Pavlenko V. I.

**ADDITIONS AND CHANGES TO THE PRACTICE WORK PROGRAM  
" PRACTICE FOR OBTAINING PROFESSIONAL SKILLS AND EXPERIENCE OF  
PROFESSIONAL ACTIVITY – ASSISTANT TO AN OUTPATIENT CLINIC PHYSICIAN "  
SPECIALTY 31.05.01 GENERAL MEDICINE  
FOR THE 2026-2027 ACADEMIC YEAR**

Tables in section 3.5. "Licensed and freely distributed software used in the educational process",  
"Professional databases, information and reference systems, electronic educational resources" should  
read as follows:

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

No.	List of software (commercial software products)	Detailsofsupportingdocuments
1.	Operating system MSWindows 7 Pro	Licensenumber 48381779
2.	Operating system MSWindows 10 Pro	CONTRACT NO. UT-368 dated 21.09.2021
3.	MS Office	License Number: 43234783, 67810502, 67580703, 64399692, 62795141, 61350919
4.	Kaspersky Endpoint Security for business-Standard Russian Edi-tion. 50-99 Node 1-year Educational Renewal License	Agreement No. 7 AA dated 07.02.2025
5.	1C Accounting and 1C Salary	LICENSE AGREEMENT 612 / L from 02.02.2022 (additional licenses)
6.1	C:UniversityPROF University	LICENSE AGREEMENT No. KRTSB-004537 dated 19.12.2023
7.1	C: PROF Library	LICENSE AGREEMENT NO. 2281 dated 11.11.2020
8.	Consultant Plus	Contract No. 41AA dated 27.12.2024
9.	Contour.Yandex. Tolk	Agreement no. K213753 / 24 dated 13.08.2024
10.	3KL e-learning Environment (RussianMoodle)	Agreement No. 1362.5 of 20.11.2024
11.	Astra Linux Common Edition	Agreement No. 142 A of 21.09.2021
12.	Information system "Plans"	Contract No. 2873-24 of 28.06.2024
13.1	C: Document	management Contract No. 2191 of 15.10.2020
14.	R7-Office	Contract No. 2 of the COP of 18.12.2020
15.	License "OS ROSA CHROME workstation"	Contract No. 88A dated 22.08.2024
16.	Alt Virtualization Server 10 (for secondary special and higher professional education)	Agreement No. 14AK of 27.09.2024
17.	Dr.Web Desktop Security Suite Comprehensive protection + Control Center for 12 months.	Agreement No. 8 dated 21.10.2024
18.	Schedule for Educational Institutions software	Agreement No. 82A of 30.07.2024

### List of freely distributed software

No.	List of freely distributed software	References to the license agreement
1.	Yandex Browser	A free-to-use 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.Teleconference A	Free-to-distribute License Agreement <a href="https://yandex.ru/legal/telemost_mobile_agreement/3.Dr.Web">https://yandex.ru/legal/telemost_mobile_agreement/3.Dr.Web</a>
3.	Dr.WebCureIt!	Free-to-distribute 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	Free Redistributable License: <a href="http://www.gnu.org/copyleft/lesser.html">http://www.gnu.org/copyleft/lesser.html</a>
5.	LibreOffice	Free Redistributable License: <a href="https://ru.libreoffice.org/about-us/license/6.VK">https://ru.libreoffice.org/about-us/license/6.VK</a>
6.	VK Calls	Free Redistributable <a href="https://vk.com/licence">https://vk.com/licence</a>
7.	Kaspersky Free Antivirus	Free Redistributable <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

Nameresource	Description	Access	Resource address
Electronic Library systems			
"Student's consultant. Electronic library of a medical university"	For students and teachers of medical and pharmaceutical universities. Provides access to electronic versions of textbooks, manuals, and periodicals.	Remote access, after registering under the university profile	<a href="https://www.studentlibrary.ru/">https://www.studentlibrary.ru/</a>
MedBaseGeotar reference and information system«MedBaseGeotar.	The MedBaseGeotar reference and information system is designed for practicing medical professionals, researchers, teachers, postgraduates, residents, senior students, managers in the healthcare sector to quickly search, select and read medical literature necessary for work in a single data source.	Remote access, after registering under the university profile	<a href="https://mbasegeotar.ru/pages/index.html">https://mbasegeotar.ru/pages/index.html</a>
EBC "Bookup"	Big Medical Library-an information	Remote	<a href="https://www.books-up.ru/ЭБС">https://www.books-up.ru/ЭБС</a>

	and educational platform for sharing electronic educational and methodical publications of medical universities in Russia and the CIS countries	access, after registration under the university profile	
"Lan"	Online electronic library of medical universities - an electronic database of educational and scientific works on medical topics created for the purpose of implementing online forms of professional educational programs, open access to educational materials for partner universities	Remote access, after registration under the profile of the university	<a href="https://e.lanbook.com/">https://e.lanbook.com/</a>
Scientific electronic library "https://e.lanbook.com/НаучнаяCyberLeninka electronic library"	CyberLeninka is a scientific electronic library based on the following paradigm: Open Science, the main objectives of which are to popularize science and scientific activities, public quality control of scientific publications, development of interdisciplinary research, a modern institute for scientific review, increasing the citation of Russian science and building a knowledge infrastructure. It contains more than 2.3 million scientific articles.	free access	<a href="https://cyberleninka.ru/База">https://cyberleninka.ru/База</a>
Human Biology Knowledge Base	Background information on <u>physiology, cell biology, genetics, biochemistry, immunology, and pathology.</u> (Resource of the Institute of Molecular Genetics of the Russian Academy of Sciences.)	free access	<a href="http://humbio.ru/">http://humbio.ru/</a>
State Register of Medicinal Products	The GRLS website contains information about medicines: indications, contraindications, mechanism of action, side effects, dosages and methods of use of the drug.	free access	<a href="https://grls.rosminzdrav.ru/GRLS.aspx">https://grls.rosminzdrav.ru/GRLS.aspx</a>
Information systems			
Rubricator of clinical recommendations	is a resource of the Ministry of Health of the Russian Federation that contains clinical recommendations developed and approved by medical professional non-profit organizations of the Russian	Link to download the app	<a href="https://cr.minzdrav.gov.ru/#/">https://cr.minzdrav.gov.ru/#/</a>

	Federation, as well as methodological guidelines, nomenclatures, and other reference materials.		
Federal Electronic Medical Library (FEMB)	The Federal Electronic Medical Library is a part of the unified state information system in the field of healthcare as a reference system. FEMB was created on the basis of the funds of the I. M. Sechenov Central Scientific Medical Library.	freeaccess	<a href="https://femb.ru/">https://femb.ru/</a>
Russian State Library (RSL)	Fund size: about 3 million titles Coverage period: from the XI century to the present, the Electronic Library of the Russian State Library is a collection of electronic copies of valuable and most sought-after publications from the collections of the Russian State Library, from external sources, as well as documents originally created in electronic form.	Registration on the site	<a href="https://www.rsl.ru/">https://www.rsl.ru/</a>
Russian Medical Association	Professional Internet resource. Objective: to promote effective professional activity of medical personnel. It contains the charter, personnel, structure, membership rules, and information about the Russian Medical Union.	freeaccess	<a href="http://www.rmass.ru/Web-медицина">http://www.rmass.ru/Web-медицина</a>
Web-based medicine	The site provides a catalog of professional medical resources, including links to the most authoritative thematic sites, journals, societies, as well as useful documents and programs. The site is intended for doctors, students, and employees of medical universities and research institutions.	freeaccess	<a href="http://webmed.irkutsk.ru/Базы">http://webmed.irkutsk.ru/Базы</a>
Databases			
World Health Organization data	The site contains news, statistics on countries that are members of the World Health Organization, newsletters, reports, WHO publications and much more.	freeaccess	<a href="http://www.who.int/ru/Министерство">http://www.who.int/ru/Министерство</a> <a href="#">ТВО</a>
Ministry of Science and Higher Education of	The website of the Ministry of Science and Higher Education of the Russian Federation contains news, newsletters, reports, publications and much more	freeaccess	<a href="http://www.minobrnauki.gov.ru">http://www.minobrnauki.gov.ru</a>

the Russian Federation			
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	freeaccess	<a href="https://edu.gov.ru/Polpred.com">https://edu.gov.ru/Polpred.com</a>
<a href="https://polpred.com">Polpred.com</a>	Electronic library system Business mass media. Media review	free access	<a href="https://polpred.com/news">https://polpred.com/news</a>
Bibliographic databases			
of the Russian Medicine Database	It is created in the CNMB and covers the entire fund, starting in 1988. The database contains bibliographic descriptions of articles from domestic journals and collections, dissertations and their abstracts, as well as domestic and foreign books, collections of proceedings of institutes, conference materials, etc. Thematically, the database covers all areas of medicine and related areas of biology, biophysics, biochemistry, psychology, etc	freeaccess	<a href="https://rucml.ru/PubMed">. https://rucml.ru/PubMed</a>
PubMed	Text-based database of medical and biological publications in English. The PubMed database is an electronic search engine with free access to 30 million publications from 4,800 indexed medical journals. The database contains articles published from 1960 to the present day, including information from MEDLINE, PreMEDLINE, and NLM. Every year, the portal is updated with more than 500 thousand new works.	free access	<a href="https://pubmed.ncbi.nlm.nih.gov://pubmed.ncbi.nlm.nih.gov/">https://pubmed.ncbi.nlm.nih.gov://pubmed.ncbi.nlm.nih.gov/</a>
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. On the eLibrary platform.RU electronic versions of more than 2000 Russian scientific and technical journals are available, including more than 1000 open access journals.	The full functionality of the site is available after registration	<a href="http://elibrary.ru/defaultx.asp">http://elibrary.ru/defaultx.asp</a>
Electronic	Currently, the Electronic Library of	freeaccess	<a href="http://diss.rsl.ru/?menu=disscatalog">http://diss.rsl.ru/?menu=disscatalog</a>

Library of Dissertations (RSL)	Dissertations of the RSL contains more than 919,000 complete texts of dissertations and abstracts.	s	<a href="#">/Медлайн</a>
.<	url> Medical and biological portal for specialists. Biomedical Journal.	free access	<a href="https://journal.scbmt.ru/jour/index">https://journal.scbmt.ru/jour/index</a>
Official Internet portal of legal information	Unified Official State information and legal resource in Russia	freeaccess	<a href="http://pravo.gov.ru/">http://pravo.gov.ru/</a>