

**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**

**educational practice "Research work (acquiring primary skills of  
research work)"**

**Specialty: 31.05.01 General Medicine**

**Course: 4**

**Semester: 8**

**Total hours: 108 hours**

**Total credits: 3 credits .**

**Form of control – credit, 8 semester**

**Blagoveshchensk, 2025**

The educational program of the practice 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 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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
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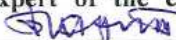
Conclusion of the Expert Commission on the review of the Educational Programs:

Protocol No. 1 dated April 16, 2025

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Conclusion of the Expert Commission for review of the Educational Programs:

Protocol No. 2 dated April 10, 2025

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May 27, 2025

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## 1. Explanatory note

### 1.1. Characteristics of practice

Modern requirements for specialists determine the special importance of cultivating students' persistent cognitive interest, developing analytical and creative thinking, which are integral characteristics of a harmoniously and comprehensively developed personality. Graduates are required not only to be qualified in specialized and scientific fields of knowledge, but also to be able to formulate and defend their ideas and proposals. To do this, first of all, it is necessary to be able to independently analyze and generalize scientific facts, phenomena and information.

The educational practice "Research work (acquiring primary skills of research work)" is part of the main professional educational program of higher education - specialist programs in the specialty 31.05.01 General Medicine (2020) and is aimed at mastering the student's basics of professional and creative activity, methods, techniques and skills of individual and collective performance of research work, development of abilities for scientific creativity, independence, formation of universal, general professional and professional competencies.

Industrial practice of fourth -year students is conducted in accordance with the Curriculum after the end of the spring examination session of the VIII semester.

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:

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 field 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 in conditions requiring urgent medical intervention; the formation of motivation in the population, patients and their family members aimed at maintaining and strengthening their health and the health of others; teaching patients basic hygienic measures of a health-improving nature that help prevent the occurrence of diseases and strengthen 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 (hereinafter referred to as adolescents and adults);

- population;

- a set of tools and technologies aimed at creating conditions for protecting the health of citizens.

## **1.2. Purpose and objectives of the practice.**

**The purpose of the practice:** to expand and deepen students' knowledge in the field of theoretical foundations of the disciplines studied, to develop certain practical skills of independent scientific research activities; to instill skills in the use of computer technology and new information technologies in conducting scientific research and processing the results obtained; to develop students' systemic clinical thinking and creative abilities; to develop skills in correctly presenting the results of their own scientific research and the ability to argue for and justify the results obtained; to develop universal, general professional and professional competencies.

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

- 1) developing students' interest in scientific creativity, teaching methods and techniques for independently solving research problems, and skills for working in scientific teams;
- 2) development of creative thinking and independence in students, deepening and consolidating the theoretical and practical knowledge acquired during training;
- 3) search, collection, processing, analysis and systematization of information on the research topic, including in a foreign language;
- 4) development of skills to carry out scientific research activities using modern information technologies, methods and tools for conducting research;
- 5) identifying the most gifted and talented students, using their creative and intellectual potential to solve urgent scientific problems;
- 6) creation of favorable conditions for the development and functioning of various forms of scientific creativity of students;
- 7) promoting the comprehensive development of the student's personality, the formation of his objective self-esteem, the acquisition of skills for working in teams, and involvement in organizational and innovative activities;
- 8) development of the ability to use scientific knowledge and quickly adapt to changing situations, readiness for advanced training and retraining;
- 9) acquisition of skills in assessing the scientific and practical significance of the chosen topic of scientific research and the results obtained;
- 10) providing students with the opportunity to try their hand at solving current problems in various areas of science and technology and to publish significant research results;
- 11) training of the most capable and successful students as a reserve of scientific, pedagogical and scientific personnel and scientists.

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

In accordance with the Federal State Educational Standard of Higher Education - specialist in specialty 31.05.01 General Medicine (2020) Educational practice of 4th year students "Research work (obtaining primary skills in research work)" refers to the basic part, Block 2. The total workload is 3 credits (108 hours), it is held in the 8th semester in the 4th year. The form of control is a credit with a grade in the 8th semester.

**1.4. Practice control forms.** The assessment of practice reporting forms is used to control the progress of practice.

**1.5. Practice reporting forms.** Individual assignment for educational practice, primary documentation: questionnaires, etc., report on research work.

Research report consists of:

- front page;
- literary reference indicating statistical indicators for all-Russian and world indicators;
- the purpose and objectives of the study;
- Materials and methods;
- research results and their discussion (characteristics of the scientific results obtained);
- conclusions (recommendations for the application of the results of scientific research in practical medicine);
- bibliographic list of references.

#### 1.6. Requirements for students.

<b>To master the practice, knowledge, skills and abilities formed by previous disciplines/practices are necessary:</b>
<b>Latin</b>
<b>Knowledge:</b> Basic medical and pharmaceutical terminology in Latin.
<b>Skills :</b> be able to apply knowledge for communication and obtaining information from medical literature, medical documentation.
<b>Skills:</b> apply knowledge of basic medical and pharmaceutical terminology in professional activities.
<b>Bioethics</b>
<b>Knowledge:</b> 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.
<b>Skills :</b> be able to build and maintain working relationships with patients and other team members.
<b>Skills:</b> apply acquired knowledge of 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 professional activities.
<b>History of Medicine</b>
<b>Knowledge:</b> outstanding figures in medicine and health care, Nobel laureates, outstanding medical discoveries in the field of surgery, the influence of humanistic ideas on medicine.
<b>Skills :</b> be able to competently and independently present and analyze the contribution of domestic scientists to the development of surgery.
<b>Skills:</b> apply acquired knowledge about outstanding medical discoveries in the field of surgery in professional activities.
<b>Microbiology, virology</b>
<b>Knowledge:</b> the impact of microbes, viruses, fungi on the body. Microbiological diagnostics of infectious diseases
<b>Skills :</b> be able to analyze the results of microbiological diagnostics of infectious diseases
<b>Skills:</b> apply acquired knowledge about the impact of microbes, viruses, fungi on the body, knowledge of microbiological diagnostics of infectious diseases in professional activities.
<b>Biochemistry</b>
<b>Knowledge:</b> blood composition, biochemical blood constants, hormones, buffer systems, hemoglobin oxygenation factors, erythrocyte metabolism.

<b>Skills</b> : be able to 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, and the biochemistry of human hormones
<b>Skills:</b> apply acquired knowledge of biochemical indicators of the functioning of organs and systems, as well as knowledge of laboratory diagnostics of biochemical indicators in professional activities.
<b>Anatomy</b>
<b>Knowledge</b> : normal anatomy of the respiratory, cardiovascular, digestive, hematopoietic systems, and pelvic organs.
<b>Skills:</b> be able to analyze age- and sex-related features of the structure of organs and systems .
<b>Skills:</b> apply knowledge of the normal anatomy of the respiratory, cardiovascular, digestive, hematopoietic systems, and pelvic organs in professional activities.
<b>Topographic anatomy and operative surgery</b>
<b>Knowledge:</b> structure, topography of cells, tissues, organs and systems of the body in interaction with their function in norm and pathology; topographic anatomy of the organs of the chest, abdominal cavity, small pelvis, retroperitoneal space and cellular spaces .
<b>Skills</b> : be able to analyze the topographic-anatomical interaction of the organs of the chest, abdominal cavity, pelvis, retroperitoneal space , cellular spaces with each other, as well as with other organs and systems, in norm and pathology.
<b>Skills:</b> Separation of different types of tissue (skin, subcutaneous fat, muscle). Application of different types of sutures to different types of tissue.
<b>Normal Physiology</b>
<b>Knowledge:</b> reflex arc, conditioned and unconditioned reflexes, physiology of the cardiovascular, digestive, urinary, respiratory and hematopoietic systems in the norm; neuroendocrine regulation
<b>Skills</b> : be able to analyze the importance of regulation of biological processes in the human body on the functioning of the cardiovascular, digestive, urinary, respiratory, and hematopoietic systems.
<b>Skills:</b> apply knowledge of the normal physiology of the cardiovascular, digestive, urinary, respiratory, and hematopoietic systems in professional activities.
<b>Pathophysiology, clinical pathophysiology</b>
<b>Knowledge:</b> morphofunctional changes in body tissues in pathologies of the cardiovascular, respiratory, digestive, urinary and blood systems; pathogenesis of the inflammatory process .
<b>Skills</b> : be able to determine the contribution of pathophysiological processes to the development of complications of surgical diseases .
<b>Skills:</b> apply knowledge about morphofunctional changes in body tissues during pathology, as well as the pathogenesis of the inflammatory process in professional activities.
<b>Pathological anatomy, clinical pathological anatomy</b>
<b>Knowledge:</b> pathomorphological changes in body tissues in pathologies of the cardiovascular, respiratory, digestive, urinary and blood systems, and purulent-inflammatory processes .
<b>Skills</b> : be able to determine the contribution of pathomorphological processes to the development of complications of surgical diseases .
<b>Skills:</b> apply knowledge about morphological changes in body tissues during pathology, as well as the pathogenesis of the inflammatory process in professional activities.
<b>Pharmacology</b>
<b>Knowledge:</b> mechanism of action and side effects of various drugs on the body .
<b>Skills</b> : be able to write prescriptions for prescribed drugs, know the indications and contraindications for their use .
<b>Skills:</b> apply knowledge about the mechanism of action and side effects of various drugs on the body in professional activities.
<b>Propaedeutics of internal diseases</b>

<b>Knowledge:</b> collection of complaints, anamnesis, objective methods of examination of patients (palpation, percussion, auscultation) .
<b>Skills :</b> be able to conduct anamnestic and physical examination, identify the main syndromes and symptoms of diseases of internal organs .
<b>Skills:</b> apply knowledge of anamnestic and physical examination in professional activities.
<b>General surgery</b>
<b>Knowledge:</b> basic principles of general surgery, rules of asepsis and antisepsis.
<b>Skills :</b> be able to conduct anamnestic and physical examination in surgical pathology, and treat hands, instruments, and the surgical field.
<b>Skills:</b> Apply knowledge of history and physical examination in surgical pathology, about the rules of asepsis and antiseptics in professional activities.
<b>Faculty surgery, urology</b>
<b>Knowledge:</b> etiology, pathogenesis, clinical picture, diagnostics and treatment of the main surgical diseases.
<b>Skills :</b> be able to determine indications for surgery for major surgical diseases.
<b>Skills:</b> apply knowledge of the etiology, pathogenesis, clinical picture, diagnosis and treatment of major surgical diseases in professional activities.
<b>Faculty therapy</b>
<b>Knowledge:</b> etiology, pathogenesis, clinical picture, diagnostics and treatment of the main therapeutic diseases.
<b>Skills :</b> be able to conduct differential diagnostics of acute abdominal pathologies with other diseases of internal organs.
<b>Skills:</b> apply knowledge of the etiology, pathogenesis, clinical picture, diagnosis and treatment of the main therapeutic diseases, differential diagnostics of acute abdominal pathologies with other diseases of internal organs in professional activities.
<b>Medical rehabilitation</b>
<b>Knowledge:</b> mechanism of action and physiological changes in the body after physiotherapy procedures, basics of therapeutic exercise in the rehabilitation of surgical patients, indications for spa treatment of surgical patients.
<b>Skills :</b> be able to prescribe physiotherapy procedures and special exercises taking into account the existing disease.
<b>Skills:</b> apply knowledge of physiotherapy and medical rehabilitation of surgical patients in professional activities.
<b>Radiation diagnostics</b>
<b>Knowledge:</b> main radiological signs of acute abdominal pathologies (intestinal obstruction, perforation of a hollow organ, etc.).
<b>Skills :</b> be able to interpret the results of radiological examination methods (irrigoscopy, intestinal MEF examination, etc.).
<b>Skills:</b> apply knowledge of the main radiological signs of acute abdominal pathologies (intestinal obstruction, perforation of a hollow organ, etc.) in professional activities.
<b>Educational practice. Introductory practice - Practice for obtaining primary professional skills and abilities. General care of patients of therapeutic and surgical profile</b>
<b>Knowledge:</b> fundamentals of sanitary and hygienic regimen, types of sanitary treatment of patients, principles of general and special care of patients, the importance of care in the treatment of patients.
<b>Skills :</b> carry out general patient care measures (hygiene of clothing, bedding, care of hair, eyes, ears, nails, use of bedpans, urine collectors, nutrition of patients, prevention of bedsores).
<b>Skills:</b> apply knowledge of the basics of sanitary and hygienic regimen, types of sanitary treatment of patients, principles of general and special care of patients, the importance of care in the treatment of patients in professional activities.

<b>Industrial practice. Practice for obtaining primary professional skills and abilities in the position of mid-level medical personnel. Assistant ward nurse</b>
<b>Knowledge:</b> organization of the work of a nurse's post, features of the work of mid-level medical personnel in a medical department .
<b>Skills :</b> performing therapeutic and diagnostic enemas, gastric lavage, inhalation of medications, collecting material for laboratory diagnostic tests (sputum, feces, urine), preparing patients for X-ray and instrumental diagnostic tests, performing basic resuscitation measures.
<b>Skills:</b> apply knowledge about the organization of work of a nurse's post, the specifics of the work of mid-level medical personnel in a medical department, as well as acquired practical skills, in professional activities.
<b>Educational practice. Introductory practice – manipulative</b>
<b>Knowledge:</b> job descriptions of nursing staff and the specifics of the work of nurses in the therapeutic, surgical and intensive care departments.
<b>Skills :</b> be able to perform nursing procedures (gastric probing, bladder catheterization, administering enemas, feeding patients, inhaling medications).
<b>Skills:</b> apply the knowledge and skills of nursing staff in professional activities.
<b>Industrial practice. Practice for obtaining primary professional skills and abilities in the position of mid-level medical personnel. Assistant procedural nurse</b>
<b>Knowledge:</b> principles of operation of a procedural room, duties of a procedural nurse.
<b>Skills :</b> perform subcutaneous, intradermal, intramuscular, intravenous injections and infusions .
<b>Skills:</b> apply knowledge about the principles of operation of a procedural room, the duties of a procedural nurse, as well as acquired practical skills, in professional activities.

### 1.7. Interdisciplinary connections of practice with subsequent disciplines and practices

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

<b>Item No.</b>	<b>Name of subsequent disciplines</b>	<b>Educational practice "Research work (acquiring primary skills of research work)"</b>
1.	Phthisiology.	+
2.	Public health and healthcare, health economics.	+
3.	Infectious diseases. Epidemiology.	+
4.	Ophthalmology.	+
5.	Otorhinolaryngology.	+
6.	Forensic medicine. Sectional course.	+
7.	Oncology, radiation therapy.	+
8.	Clinical immunology.	+
9.	Outpatient therapy	+
10.	Anesthesiology, resuscitation, intensive care.	+
11.	Emergency conditions in the practice of a local therapist	+
12.	Hospital surgery, pediatric surgery.	+
13.	Hospital therapy.	+
14.	Clinical pharmacology	+
15.	Obstetrics and gynecology	+
16.	Pediatrics	+
17.	Life safety. Disaster medicine.	+
18.	Endocrinology.	+
19.	Dermatovenereology.	+
20.	Traumatology, orthopedics.	+
21.	Industrial practice. Practice to obtain professional skills and experience of professional activity - assistant doctor of an outpatient clinic	+

### 1.8. Requirements for the results of the internship

Completion of the educational practice “Research work (obtaining primary skills of research work)” is aimed at developing the following competencies: **universal (UC)** – 4, **general professional (GPC)** – 1,4,5,7,10,11 and **professional (PC)** – 1,2,5,10,11.

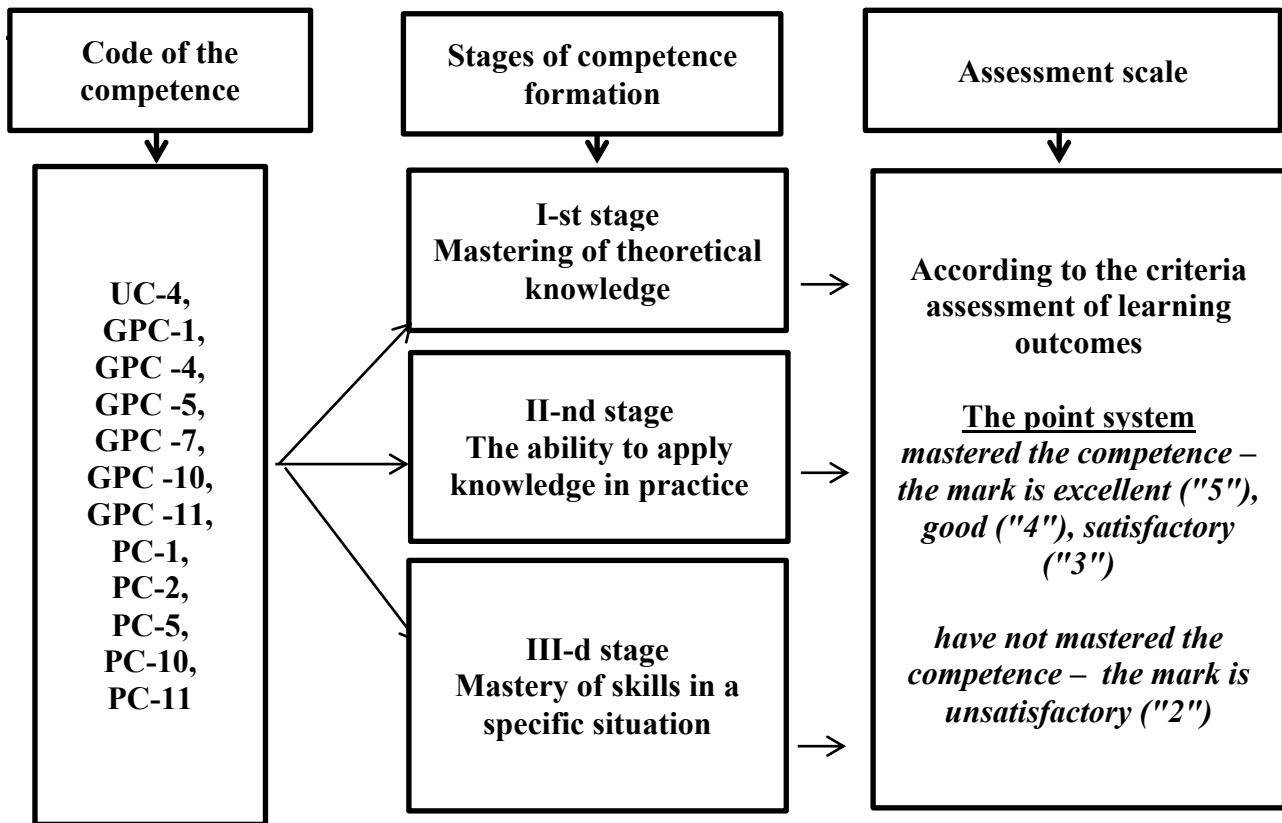
No. n/n	Code and name of competence	Code and name indicator of achievement of competence
<b>Universal competencies</b>		
1	<b>UC-4.</b> Able to apply modern communication technologies, including in foreign language (s), for academic and professional interaction.	<b>ID UC-4.1.</b> Uses communicative and linguistic tools to build effective partnerships with patients and colleagues; selects a communication style.
<b>General professional competencies</b>		
2	<b>GPC-1.</b> Capable of implementing moral and legal norms, ethical and deontological principles in professional activities	<b>ID GPC-1.1.</b> Carries out professional activities in accordance with ethical standards and moral principles.
3	<b>GPC-4.</b> Capable of using medical products provided for by the procedure for providing medical care, as well as conducting patient examinations to establish a diagnosis	<b>ID 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. <b>ID GPC-4.2.</b> Knows the indications and contraindications for the appointment of instrumental, functional and laboratory examination methods, possible complications during the examination, emergency care and their prevention. <b>ID GPC-4.3.</b> Interprets the results of the most common methods of instrumental, laboratory and functional diagnostics, thermometry to identify pathological processes. <b>ID GPC-4.4.</b> Proficient in methods of general clinical examination of patients of various ages. <b>ID GPC-4.5.</b> Formulates a preliminary diagnosis and clinical diagnosis according to ICD.
4	<b>GPC-5.</b> Capable of assessing morphofunctional, physiological states and pathological processes in the human body to solve professional problems	<b>ID GPC-5.2.</b> Knows the etiology, pathogenesis, morphogenesis, pathomorphosis of disease development, basic concepts of nosology. <b>ID GPC-5.3.</b> Knows the indicators of the morphofunctional, physiological state of a healthy person and can measure/determine them. <b>ID OPK-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.
5	<b>GPC-7.</b> Capable of prescribing treatment and monitoring its effectiveness and safety	<b>ID GPC-7.3.</b> Explains the main and side effects of drugs, the effects of their combined use and interaction with food, taking into account the

		<p>morphofunctional features, physiological states and pathological processes in the human body</p> <p><b>ID 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>ID 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>ID GPC-7.6.</b> Analyzes the results of possible interactions of drugs during the combined use of various drugs.</p>	
6	<b>GPC-10.</b> Able to understand the principles of operation of modern information technologies and use them to solve problems of professional activity	<p><b>ID GPC-10.1.</b> Maintains documentation support for professional activities taking into account modern information technologies.</p> <p><b>ID OPK-10.3.</b> Carries out effective search for information necessary for solving problems of professional activity, using legal reference systems and professional databases</p>	
7	<b>GPC-11.</b> Capable of preparing and applying scientific, scientific-production, design, organizational-managerial and regulatory documentation in the healthcare system	<p><b>ID GPC-11.1.</b> Demonstrates the ability to prepare and apply scientific, scientific-production, design, organizational-managerial and regulatory documentation in professional activities</p> <p><b>ID GPC-11.2.</b> Demonstrates the ability to apply modern methods of collecting and processing information necessary for conducting scientific research.</p>	
<b>Professional competencies</b>			
<b>Labor functions</b>		<b>Code and name of professional competence</b>	<b>Code and name indicator of achievement of competence</b>
8	<b>A/01.7</b> Diagnostics of diseases and (or) conditions in the profile of "therapy"	<b>PC-1.</b> Ability to collect and analyze complaints, life history, disease history patient for the purpose of establishing a diagnosis and (or) condition according to the profile "therapy"	<p><b>PC ID -1.1.</b> Collect complaints, medical history, and life history from a patient with a disease and/or condition in the "therapy" profile (or his/her legal representative)</p> <p><b>ID PC-1.2.</b> Interpret and analyze information received from a patient with a disease and/or condition in the "therapy" profile (or his/her legal representative)</p>

9		<p><b>PC-2.</b> Ability to conduct a physical examination of a patient, analyze the results of additional examination methods in order to establish a diagnosis and (or) condition in the “therapy” profile</p>	<p><b>PC ID -2.1.</b> Conduct a physical examination of the patient (inspection, palpation, percussion, auscultation) and interpret its results</p> <p><b>PC ID -2.2.</b> Justify the need and scope of laboratory and instrumental examinations of a patient with a disease and/or condition in the “therapy” profile</p> <p><b>PC ID -2.3.</b> Conduct diagnostic manipulations and interpret the results obtained:</p> <ul style="list-style-type: none"> <li>- measurement of blood pressure in peripheral arteries;</li> <li>- blood glucose level test</li> <li>- ambulatory blood pressure monitoring (ABPM)</li> <li>- pulse oximetry</li> <li>- reading spirograms</li> <li>- determination of the ankle -brachial index</li> <li>- conducting an orthostatic test</li> <li>- pneumotachometry</li> <li>- taking and decoding an electrocardiogram</li> </ul> <p><b>PC ID -2.4.</b> Interpret the results of laboratory and instrumental examinations of patients</p> <p><b>ID PC -2.7. Assess the severity of</b> the disease and (or) the condition of the patient with the disease according to the profile "therapy"</p> <p><b>ID PC -2.8.</b> Establish a diagnosis taking into account the ICD of a patient with a disease and (or) condition according to the profile "therapy"</p> <p><b>ID PC- 2.9.</b> Conduct differential diagnostics of diseases and (or) conditions in the “therapy” profile, using diagnostic algorithms (primary, concomitant and complications) taking into account the ICD</p>
10	<p><b>A/02.7</b> Prescribing treatment to patients with diseases and (or) conditions in the “therapy” profile and monitoring its effectiveness and safety</p>	<p><b>PC-5.</b> Ability to monitor the effectiveness and safety of the therapy being administered</p>	<p><b>ID PC -5.1.</b> Analyze the pharmacological action and interaction of drugs in a patient with a disease and (or) condition in the profile "therapy"</p> <p><b>ID PC -5.2.</b> Assess the effectiveness and safety of non-drug therapy, therapeutic nutrition, the use of drugs and medical devices in a patient with a disease and (or) condition in the profile "therapy"</p> <p><b>ID PC-5.3.</b> Refer a patient in case of difficulty in choosing a treatment strategy, as well as in case of complicated course of the disease and (or) condition in the “therapy” profile for the provision of specialized medical care in a hospital setting or in a day hospital setting, if there are medical indications in</p>

			accordance with the procedures for the provision of medical care, clinical recommendations, taking into account the standards of medical care.
11	<b>A/07.7.</b> Conducting analysis of medical and statistical information, maintaining medical records, organizing the activities of medical personnel at their disposal .	<b>PC-10.</b> Readiness to conduct an analysis of medical and statistical indicators of morbidity, disability of patients with diseases and (or) conditions in the profile "therapy" to assess the health of the assigned population	<b>ID PC-10.1.</b> Make a work plan and report on your work <b>ID PC-10.2.</b> Conduct an analysis of medical and statistical indicators of morbidity, disability of patients with diseases and (or) conditions in the profile "therapy" to assess the health of the assigned population <b>ID PC-10.4.</b> Comply with internal work regulations, fire safety requirements, labor protection and safety engineering.
12		<b>PC-11.</b> Ability to maintain medical records and control the quality of their maintenance	<b>ID PC-11.1.</b> Fill out medical documentation, including in the form of an electronic document, monitor the quality of its maintenance <b>ID PC-11.2.</b> Use in work personal data of patients and information constituting a medical secret <b>ID PC-11.3.</b> Use medical information systems and the Internet information and telecommunications network in professional activities.

### 1.9. Stages of formation of competencies and description of assessment scales



## 2. Structure and content of practice

### 2.1 Scope of practice

Volume of practice	
Total labor intensity of practice in hours, total	108
Total workload in credit units, total	3
Type of intermediate assessment	credit

### 2.2. Type of practice – educational.

Educational practice is a mandatory section of the educational process, directly focused on the professional and practical training of students.

#### Forms of training organization:

1. Preparatory stage (planning research work, including familiarization with the topic of research work; drawing up an individual assignment for educational practice: approval of the topic of research work indicating the timing of practice);
2. Main stage (justification of the relevance of the topic, designation of the purpose and objectives of the research, materials and research methods; processing of the obtained data - description of the research results, formulation of conclusions, design of the text of the work and literature review);
3. Interim certification for practice (defense of research work).

### 2.3. Criteria for assessing students' knowledge.

The assessment of learning outcomes is carried out in accordance with the "Regulations on the assessment system for the learning outcomes of students of the Federal State Budgetary Educational Institution of Higher Education Amur State Medical Academy of the Ministry of Health of Russia".

**"5" excellent** - the relevance of the topic under consideration is revealed. The purpose of the study, its objectives are correctly defined, the content is presented logically. The research methods correspond to the purpose. The analysis of literature is distinguished by its depth, independence, and the ability to show one's own position in relation to the issue under study. The conclusion of the work contains independently formulated detailed conclusions on the topic of the work. The conclusions correspond to the problem, the goals and objectives have been achieved. The work is designed in accordance with the requirements, written in compliance with the norms of the literary language. Comments on the design of the demonstration material no. The work is completed and presented to the teacher on time. The speaker convincingly answers most questions, and has his own position and is ready to defend it.

**"4" good** - the relevance of the topic is revealed, the goal and objectives are defined correctly. The content is presented logically. The research methods correspond to the goal. The range of the main literature on the topic is presented, the main concepts used in the work are highlighted. In some cases, the student cannot give a critical assessment of scientific views and / or does not substantiate certain provisions sufficiently. The conclusion contains independently formulated general conclusions. The conclusions do not cover the problem in full, the goal is partially achieved. The work is designed in accordance with the developed requirements, written in compliance with the norms of the literary language: there are no spelling and punctuation errors, there are individual stylistic errors. The demonstration material is well designed, but there are inaccuracies. The work is completed on time. The speaker's answers to questions are not confident.

**"3" satisfactory** - the relevance of the topic is disclosed correctly, but the list of references is limited. The content is presented logically, but the purpose and objectives of the study are not clearly defined. Research methods are used, but do not correspond to the purpose and / or are inappropriate. The theoretical analysis is given descriptively, a number of judgments are superficial. The conclusion contains formulated general conclusions. The conclusions do not cover the problem in full, the goal is partially achieved. The work is formatted in accordance with the requirements, but it contains spelling and punctuation errors, style errors. The work is completed on time. The speaker's answers to the questions are not confident.

**"2" unsatisfactory** - a research paper is assessed in which most of the requirements are not met, the logic and sequence of the presented material are violated: the relevance of the topic is not disclosed, the purpose of the study is not highlighted, the tasks do not correspond to the goal, the research methods are not used. Conclusions are given, but are not related to the stated problem. The demonstration material is formatted with gross errors. The work is completed in violation of the deadlines. The speaker cannot answer the questions. If the grade is unsatisfactory, it is returned to the student for revision with comments and instructions from the teacher, after the deficiencies are corrected, it is re-submitted for checking.

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

### 3.1. Primary literature

1. Obstetrics: textbook / edited by V. E. Radzinsky, A. M. Fuks. - 2nd ed., revised and enlarged. - Moscow: GEOTAR-Media, 2023. - 1056 p. - ISBN 978-5-9704-7201-9. - Text: electronic // Electronic Library System "Student Consultant": [website]. - URL: <https://www.studentlibrary.ru/book/ISBN9785970472019.html> (date accessed: 10/30/2024). - Access mode: by subscription.
2. Gynecology: textbook / edited by G. M. Savelyeva, V. G. Breusenko. - 4th ed., revised and enlarged. - Moscow: GEOTAR-Media, 2022. - 432 p. - ISBN 978-5-9704-7188-3. - Text: electronic //

- Electronic Library System "Student Consultant": [website]. - URL: <https://www.studentlibrary.ru/book/ISBN9785970471883.html> (accessed: 07.11.2024). - Access mode: by subscription.
3. Kuzin, M. I. Surgical diseases: textbook / M. I. Kuzin, N. M. Kuzin, V. A. Kubyshkin [et al.]. - 5th ed., revised and enlarged. - Moscow: GEOTAR-Media, 2022. - 1024 p. - ISBN 978-5-9704-7014-5. - Text: electronic // Electronic Library System "Student Consultant": [website]. - URL: <https://www.studentlibrary.ru/book/ISBN9785970470145.html> (date accessed: 01/27/2023). - Access mode: by subscription.
  4. Saveliev, V. S. Surgical diseases. In 2 volumes. Volume 1: textbook / edited by V. S. Saveliev, A. I. Kiriyeenko. - 2nd ed., revised and enlarged. - Moscow: GEOTAR-Media, 2017. - 720 p. - ISBN 978-5-9704-3998-2. - Text: electronic // Electronic Library System "Student Consultant": [website]. - URL: <https://www.studentlibrary.ru/book/ISBN9785970439982.html> (date of access: 11.11.2024). - Access mode: by subscription.
  5. Saveliev, V. S. Surgical diseases. In 2 volumes. Volume 2: textbook / edited by V. S. Saveliev, A. I. Kiriyeenko. - 2nd ed., revised and enlarged. - Moscow: GEOTAR-Media, 2017. - 688 p. - ISBN 978-5-9704-3999-9. - Text: electronic // Electronic Library System "Student Consultant": [website]. - URL: <https://www.studentlibrary.ru/book/ISBN9785970439999.html> (accessed: 11.11.2024). - Access mode: by subscription.
  6. Komyakov, B.K. Urology textbook / B.K. Komyakov. - 2nd ed., revised and enlarged. - Moscow: GEOTAR-Media, 2022. - 480 p. - ISBN 978-5-9704-6431-1. - Text: electronic // Electronic Library System "Student Consultant": [website]. - URL: <https://www.studentlibrary.ru/book/ISBN9785970464311.html> (date of access: 11.11.2024). - Access mode: by subscription.
  7. Internal diseases: in 2 volumes. T. I.: textbook: in 2 volumes / edited by A. I. Martynov, Zh. D. Kobalava, S. V. Moiseev. - 4th ed., revised. - Moscow: GEOTAR-Media, 2023. - 784 p. - ISBN 978-5-9704-7231-6. - Text: electronic // Electronic Library System "Student Consultant": [website]. - URL: <https://www.studentlibrary.ru/book/ISBN9785970472316.html> (accessed: 10/30/2024). - Access mode: by subscription.
  8. Internal diseases: in 2 volumes. Vol. II: textbook / edited by A. I. Martynov, Zh. D. Kobalava, S. V. Moiseev. - 4th ed., revised. - Moscow: GEOTAR-Media, 2023. - 704 p. - ISBN 978-5-9704-7232-3. - Text: electronic // Electronic Library System "Student Consultant": [website]. - URL: <https://www.studentlibrary.ru/book/ISBN9785970472323.html> (accessed: 10/30/2024). - Access mode: by subscription.

### 3.2. Further reading

1. Aylamazyan, E. K. Obstetrics: textbook / E. K. Aylamazyan [et al.]. - 10th ed., revised and enlarged. - Moscow: GEOTAR-Media, 2022. - 768 p. - ISBN 978-5-9704-6698-8. - Text: electronic // Electronic Library System "Student Consultant": [website]. - URL: <https://www.studentlibrary.ru/book/ISBN9785970466988.html> (date accessed: 07.11.2024). - Access mode: by subscription.
2. Savelyeva, G. M. Obstetrics: textbook / Savelyeva G. M., Shalina R. I., Sichinava L. G., Panina O. B., Kurtser M. A. - Moscow: GEOTAR-Media, 2020. - 576 p. - ISBN 978-5-9704-5324-7. - Text: electronic // EBS "Student Consultant": [website]. - URL: <https://www.studentlibrary.ru/book/ISBN9785970453247.html> (access date: 11/07/2024). - Access mode: by subscription.
3. Obstetrics and Gynecology. Practical Skills and Abilities with a Phantom Course: A Manual / V. A. Kaptilny, M. V. Berishvili, A. V. Murashko; edited by A. I. Ishchenko. - Moscow: GEOTAR-Media, 2024. - 392 p. - ISBN 978-5-9704-8639-9, DOI: 10.33029/9704-8639-9-OAG-2024-1-392. - An electronic version is available on the website of the Electronic Library System "Student Consultant": [site]. URL: <https://www.studentlibrary.ru/book/ISBN9785970486399.html> (accessed: 10/30/2024). - Access mode: by subscription. - Text: electronic

4. Selikhova, M. S. Birth trauma and reproductive health of women: monograph / M. S. Selikhova, N. V. Agabekyan. - Volgograd: VolgSMU, 2022. - 164 p. - ISBN 978-5-9652-0753-6. - Text: electronic // Lan: electronic library system. - URL: <https://e.lanbook.com/book/250175> (date of access: 12/14/2022). - Access mode: for authorized users.
5. Gynecological diseases. Collection of clinical problems and dictionary of Latin terms: textbook / I. D. Yevtushenko, I. G. Kutsenko, G. M. Mikheenko [et al.]; edited by I. G. Kutsenko. — 3rd ed., corrected. and add. — Tomsk: Siberian State Medical University, 2022. — 76 p. — Text: electronic // Lan: electronic library system. — URL: <https://e.lanbook.com/book/283487> (date of access: 12/14/2022). — Access mode: for authorized users.
6. Algorithm for making a diagnosis in obstetrics and gynecology: a tutorial / M.N. Mochalova, N.N. Chartorizhskaya, Yu.N. Ponomareva et al. - M.: Logosfera, 2022. - 81 p. - ISBN 9785986570891. - Text: electronic // EBS "Bukap": [site]. - URL: <https://www.books-up.ru/ru/book/algoritm-postanovki-diagnoza-v-akusherstve-i-ginekologii-15736499> Access mode: by subscription.
7. Emergencies in Obstetrics and Gynecology: a manual for students / L.V. Gutikova, E.P. Ganchar, A.L. Gurin, T.V. Novitskaya. - Grodno: GrSMU, 2021. - 284 p. - ISBN 9789855956168. - Text: electronic // EBS "Bukap": [site]. - URL: <https://www.books-up.ru/ru/book/neotlozhnye-sostoyaniya-v-akusherstve-i-ginekologii-13930510> Access mode: by subscription.
8. Krylov, N. N. Surgical diseases: in 2 volumes: Volume 1: textbook / edited by Krylov N. N. - Moscow: GEOTAR-Media, 2019. - 816 p. - ISBN 978-5-9704-5098-7. - Text: electronic // Electronic Library System "Student Consultant": [website]. - URL: <https://www.studentlibrary.ru/book/ISBN9785970450987.html> (date accessed: 11.11.2024). - Access mode: by subscription.
9. Krylov, N. N. Surgical diseases: V. 2: textbook / edited by Krylov N. N. - Moscow: GEOTAR-Media, 2019. - 592 p. - ISBN 978-5-9704-5099-4. - Text: electronic // Electronic Library System "Student Consultant": [website]. - URL: <https://www.studentlibrary.ru/book/ISBN9785970450994.html> (accessed: 11.11.2024). - Access mode: by subscription.
10. Glybochko, P. V. Urology. From symptoms to diagnosis and treatment. Illustrated guide / Ed. Glybochko P. V., Alyaev Yu. G., Gazimiev M. A. - Moscow: GEOTAR-Media, 2021. - 148 p. - ISBN 978-5-9704-6045-0. - Text: electronic // Electronic Library System "Student Consultant": [site]. - URL: <https://www.studentlibrary.ru/book/ISBN9785970460450.html> (date accessed: 11.11.2024). - Access mode: by subscription.
11. Practical skills in surgery and first aid in critical conditions: a tutorial / edited by M. D. Dibirov. - Moscow: GEOTAR-Media, 2022. - 544 p. - ISBN 978-5-9704-6806-7. - Text: electronic // Electronic Library System "Student Consultant": [website]. - URL: <https://www.studentlibrary.ru/book/ISBN9785970468067.html> (accessed: 03/14/2023). - Access mode: by subscription.
12. Achkasov, E. E. Surgical instruments and devices: purpose and use: atlas: textbook / edited by E. E. Achkasov, V. A. Musailov. - Moscow: GEOTAR-Media, 2021. - 208 p. - ISBN 978-5-9704-6003-0. - Text: electronic // Electronic Library System "Student Consultant": [website]. - URL: <https://www.studentlibrary.ru/book/ISBN9785970460030.html> (accessed: 11.11.2024). - Access mode: by subscription.
13. Faculty surgery in 2 parts. Part 1: Electronic textbook for 3rd-4th year students / E. F. Cherednikov, G. V. Polubkova, I. N. Banin, et al. - Voronezh: VSMU im. N. N. Burdenko (Voronezh), 2020. - 180 p. - Text: electronic // EBS "Bukap": [site]. - URL: <https://www.books-up.ru/ru/book/fakultetskaya-hirurgiya-v-2-ch-ch-1-15428440/> (date of access: 03/15/2023). - Access mode: by subscription.
14. Faculty surgery in 2 parts. Part 2: Electronic textbook for 3rd-4th year students / E. F. Cherednikov, G. V. Polubkova, I. N. Banin, et al. - Voronezh: VSMU im. N. N. Burdenko (Voronezh), 2020. - 157 p. - Text: electronic // EBS "Bukap": [site]. - URL: <https://www.books-up.ru/ru/book/fakultetskaya-hirurgiya-v-2-ch-ch-2-15428589/> (date accessed: 03/15/2023). - Access mode: by subscription.

15. Main syndromes of internal diseases: a textbook / E. V. Reznik, A. P. Baranov, P. A. Mogutova [et al.]; under the supervision of E. V. Reznik. - Moscow: GEOTAR-Media, 2024. - 264 p. - ISBN 978-5-9704-8373-2, DOI: 10.33029/9704-8373-2-SID-2024-1-264. - An electronic version is available on the website of the electronic library system "Student Consultant": [site]. URL: <https://www.studentlibrary.ru/book/ISBN9785970483732.html> (date of access: 10/30/2024). - Access mode: by subscription. - Text: electronic
16. Clinical approaches to differential diagnostics: a tutorial / Yu. N. Fedulaev, N. V. Orlova, I. G. Nikitin [et al.]. - Moscow: GEOTAR-Media, 2024. - 344 p. - ISBN 978-5-9704-7885-1, DOI: 10.33029/9704-7885-1-CLP-2024-1-344. - An electronic version is available on the website of the electronic library system "Student Consultant": [site]. URL: <https://www.studentlibrary.ru/book/ISBN9785970478851.html> (date accessed: 10/30/2024). - Access mode: by subscription. - Text: electronic
17. Makolkin, V. I. Internal Medicine: textbook / Makolkin V. I., Ovcharenko S. I., Sulimov V. A. - 6th ed., revised and enlarged. Moscow: GEOTAR-Media, 2017. - 768 p. - ISBN 978-5-9704-4157-2. - Text: electronic // Electronic Library System "Student Consultant": [website]. - URL: <https://www.studentlibrary.ru/book/ISBN9785970441572.html> (date of access: 11.11.2024). - Access mode: by subscription.
18. Kishkun, A. A. Clinical laboratory diagnostics: a tutorial / A. A. Kishkun. - 2nd ed., revised and enlarged. - Moscow: GEOTAR-Media, 2023. - 1000 p. - ISBN 978-5-9704-7424-2. - Text: electronic // Electronic Library System "Student Consultant": [website]. - URL: <https://www.studentlibrary.ru/book/ISBN9785970474242.html> (date accessed: 03/15/2023). - Access mode: by subscription.
19. Internal diseases (selected sections): a teaching aid / compiled by S. L. Zharsky [et al.]; edited by S. L. Zharsky. - Khabarovsk: DVG MU, 2020. - 260 p. - Text: electronic // Lan: electronic library system. - URL: <https://e.lanbook.com/book/166382> (date of access: 12/14/2022). - Access mode: for authorized users.

### 3.3. Educational and methodological materials prepared by the department staff:

#### - Educational aids (UMO)

Naryshkina S.V., Korotich O.P., Kruglyakova L.V. Clinical pulmonology / Study guide. - Blagoveshchensk. - 2010. - 143 p. (UMO stamp) + CD Access mode: <a href="https://amurgma.ru/zakrytaya-chast-sayta/4-kurs/">https://amurgma.ru/zakrytaya-chast-sayta/4-kurs/</a>
Sulima M.V., Soluyanova I.P., Kruglyakova L.V. Violation of the composition of normal microflora in diseases of the digestive organs / Study guide. - Blagoveshchensk, 2014. - 104 p. (UMO stamp + CD) Access mode: <a href="https://amurgma.ru/zakrytaya-chast-sayta/4-kurs/">https://amurgma.ru/zakrytaya-chast-sayta/4-kurs/</a>
Pavlenko V.I., Kulik E.G. Latin terms and catchphrases in clinical practice. Study guide. Blagoveshchensk. - 2015. - 32 p. Access mode: <a href="https://amurgma.ru/zakrytaya-chast-sayta/4-kurs/">https://amurgma.ru/zakrytaya-chast-sayta/4-kurs/</a>
Naryshkina S.V., Sulima M.V., Kruglyakova L.V. Clinical gastroenterology / Textbook. 2nd edition, supplemented and revised. - Blagoveshchensk, - 2017. - 244 p. - (stamped UMO). Access mode: <a href="https://amurgma.ru/zakrytaya-chast-sayta/4-kurs/">https://amurgma.ru/zakrytaya-chast-sayta/4-kurs/</a>
Volochenko N.P. Asepsis and antisepsis / Textbook. - Blagoveshchensk. - 2012. -120 p. (UMO stamp) + CD Access mode: <a href="https://amurgma.ru/zakrytaya-chast-sayta/3-kurs/">https://amurgma.ru/zakrytaya-chast-sayta/3-kurs/</a>
Volochenko N.P. Transfusion of components, blood products and hemocorrectors / Study guide. - Blagoveshchensk. - 2012.-148s. (UMO stamp) + CD Access mode: <a href="https://amurgma.ru/zakrytaya-chast-sayta/3-kurs/">https://amurgma.ru/zakrytaya-chast-sayta/3-kurs/</a>
Volochenko N.P. Wound Treatment / Study Guide. - Blagoveshchensk. - 2014.-108s. (UMO stamp) + CD Access mode: <a href="https://amurgma.ru/zakrytaya-chast-sayta/3-kurs/">https://amurgma.ru/zakrytaya-chast-sayta/3-kurs/</a>
Volochenko N.P. Anesthesia in surgery / Study guide. - Blagoveshchensk. - 2015.- 91 p. (UMO stamp) + CD Access mode: <a href="https://amurgma.ru/zakrytaya-chast-sayta/3-kurs/">https://amurgma.ru/zakrytaya-chast-sayta/3-kurs/</a>

	Volochenko N.P. Diagnostics and treatment of bleeding / Study guide. - Blagoveshchensk. - 2016.-140 p. (UMO stamp) + CD
	Volochenko N.P. Minimally invasive technologies in abdominal surgery / Study guide. - Blagoveshchensk. - 2017.-121 p. (UMO stamp) + CD
	Volochenko N.P. Diagnostics and treatment of complications of gastric ulcer and duodenal ulcer / Study guide. - Blagoveshchensk. - 2024. - 111 p. (UMO stamp) + CD Access mode: <a href="https://amurgma.ru/zakrytaya-chast-sayta/4-kurs/">https://amurgma.ru/zakrytaya-chast-sayta/4-kurs/</a>
	Volochenko N.P. Abdominal trauma / Study guide. - Blagoveshchensk. - 2018. - 108 p. (UMO stamp) + CD
	Volochenko N.P. Purulent surgical infection and diabetes mellitus / Study guide. - Blagoveshchensk. - 2019. - 102 p. (UMO stamp) + CD Access mode: <a href="https://amurgma.ru/zakrytaya-chast-sayta/4-kurs/">https://amurgma.ru/zakrytaya-chast-sayta/4-kurs/</a>
	Sharshova O.A., Bystritskaya T.S., Zhukovets I.V. Septic complications of abortions. - 2014. - 108 p. (UMO stamp) + CD Access mode: <a href="https://amurgma.ru/zakrytaya-chast-sayta/4-kurs/">https://amurgma.ru/zakrytaya-chast-sayta/4-kurs/</a>
	Lysyak D.S., Putintseva O.G., Bystritskaya T.S. Spontaneous abortion. – 2014. – 96 p. (UMO stamp) + CD Access mode: <a href="https://amurgma.ru/zakrytaya-chast-sayta/4-kurs/">https://amurgma.ru/zakrytaya-chast-sayta/4-kurs/</a>
	Putintseva O.G., Verevkina E.V. Inflammatory diseases of the pelvic organs / Study guide. - Blagoveshchensk. - 2017. - 202 p. (UMO stamp) + CD Access mode: <a href="https://amurgma.ru/zakrytaya-chast-sayta/4-kurs/">https://amurgma.ru/zakrytaya-chast-sayta/4-kurs/</a>
	Lysyak D.S. Congenital anomalies of the uterus and vagina / Study guide. - Blagoveshchensk. - 2017. - 80 p. (UMO stamp) + CD Access mode: <a href="https://amurgma.ru/zakrytaya-chast-sayta/4-kurs/">https://amurgma.ru/zakrytaya-chast-sayta/4-kurs/</a>
	Shulzhenko E.V. Congenital anomalies of the uterus and vagina / Study guide. - Blagoveshchensk. - 2019. - 93 p. (UMO stamp) + CD Access mode: <a href="https://amurgma.ru/zakrytaya-chast-sayta/4-kurs/">https://amurgma.ru/zakrytaya-chast-sayta/4-kurs/</a>
	Sharshova O.A., Grigorieva Yu.V. Pathology of the cervix / Study guide. - Blagoveshchensk. - 2019. - 102 p. (UMO stamp) + CD Access mode: <a href="https://amurgma.ru/zakrytaya-chast-sayta/4-kurs/">https://amurgma.ru/zakrytaya-chast-sayta/4-kurs/</a>
	Sharshova O.A. Obstetric peritonitis / Study guide. - Blagoveshchensk. - 2019. - 90 p. (UMO stamp) + CD Access mode: <a href="https://amurgma.ru/zakrytaya-chast-sayta/4-kurs/">https://amurgma.ru/zakrytaya-chast-sayta/4-kurs/</a>

### Electronic and digital technologies:

**1. Multimedia presentations** for lectures, posted in the Electronic Information System of the Federal State Budgetary Educational Institution of Higher Education Amur State Medical Academy.

Access mode:

<https://educ-amursma.ru/course/view.php?id=362>

<https://educ-amursma.ru/course/view.php?id=56>

<https://educ-amursma.ru/course/view.php?id=170>

<https://educ-amursma.ru/local/crw/category.php?cid=26>

### 2. Electronic teaching aids:

Posted on the website of the Federal State Budgetary Educational Institution of Higher Education Amur State Medical Academy. Access mode: <https://amurgma.ru/zakrytaya-chast-sayta/4-kurs/>

### 3.4. Material and technical base for conducting internship

#### Department of Faculty and Outpatient Therapy

Item	Name	Quantity
	<b>Study room #1</b>	
1	For clinical practical classes, group and individual consultations, ongoing monitoring and midterm assessment: 675000, Amur Region, Blagoveshchensk, Bolnichnaya St., 32, 3rd floor.	1 pc.
	Teacher's desk	1 pc.
	Desks for students	1 pc.
	Chairs	16 pcs.
	Educational board	1 pc.
	Bookcase	1 pc.
	Thematic stands	3 pcs.
	Laptop	1 pc.
	Laptop	1 pc.
	<b>Classroom No. 7</b>	
	For clinical practical classes, group and individual consultations, ongoing monitoring and midterm assessment: 675000, Amur Region, Blagoveshchensk, Bolnichnaya St., 32, 3rd floor.	1 pc.
	Teacher's desk	1 pc.
	Desks for students	6 pcs.
	Chairs	16 pcs.
	Educational board	1 pc.
	Bookcase	1 pc.
	Thematic stands	3 pcs.
	Laptop	1 pc.
	Laptop	1 pc.
	<b>Medical premises, medical equipment (equipment) of a medical organization in accordance with the "Agreement on the organization of practical training of students during industrial practice"</b>	

#### Department of Surgery with a course in Urology

Item No.	Name	Quantity
	<b>Classroom No. 4</b>	
	For clinical practical classes, group and individual consultations, ongoing monitoring and midterm assessment: 675000, Amur Region, Blagoveshchensk, Bolnichnaya St., 32, 3rd floor.	1 pc.
	Teacher's desk	1 pc.
	Study table	3 pcs.

	Chairs	14 pcs.
	Educational and visual aids: stands	4 pcs.
	<b>Classroom No. 6</b>	
	For clinical practical classes, group and individual consultations, ongoing monitoring and midterm certification: 675000, Amur Region, Blagoveshchensk, Bolnichnaya St., 32, 3rd floor.	1 pc.
	Board	1 pc.
	Teacher's desk	1 pc.
	Study table	3 pcs.
	Chairs	18 pcs.
	Educational and visual aids: stands	3 pcs.
	Computer	1 pc.
	Monitors	5 pcs.
	<b>Medical premises, medical equipment (equipment) of a medical organization in accordance with the "Agreement on the organization of practical training of students during industrial practice"</b>	

### Department of Obstetrics and Gynecology

Item	Name	Quantity
	<b>Study room</b>	
<b>1</b>	A classroom for group and individual consultations, ongoing monitoring and midterm assessment. 675000, Amur Region, Blagoveshchensk, Regional Perinatal Center, Voronkova St. , 30, basement floor, room no. 0146	1 pc.
	Teacher's desk	1 pc.
	Study table	6 pcs.
	Chairs	14 pcs.
	Educational board	1 pc.
	Thematic stands	2 pcs.
	Tables	10 pcs.
	Pelvic meter	1 pc.
	<b>Classroom</b>	
	A classroom for group and individual consultations and ongoing monitoring. 675000, Amur Region, Blagoveshchensk, City Maternity Hospital, Gorky St. , 247, 2nd floor, room No. 54-57	1 pc.
	Teacher's desk	1 pc.
	Desks for students	4 pcs.
	Chairs	13 pcs.
	Educational board	1 pc.
	Tables	16 pcs.
	Thematic stands	2 pcs.
	<b>Medical premises, medical equipment (equipment) of a medical organization in accordance with the "Agreement on the organization of practical training of students during industrial practice"</b>	

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

Resource name	Resource Description	Access	Resource address
Electronic library systems			
"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 (Open Science), 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>
Oxford Medicine Online	A collection of Oxford 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, both of which are continually updated electronically.	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>
Information systems			
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 areas of medicine and health care.	free access	<a href="http://www.edu.ru/">http://www.edu.ru/</a>
<a href="https://polpred.com">Polpred.com</a>	Electronic library system Business media. Media Review	free access	<a href="https://polpred.com/news">https://polpred.com/news</a>
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 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.	Full functionality of the site is available after registration	<a href="http://elibrary.ru/defaultx.asp">http://elibrary.ru/defaultx.asp</a>
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>

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

#### List of software (commercial software products)

No. p/p	List of software (commercial software products)	Details of supporting documents
1.	MS Operating System Windows 7 Pro	License number 48381779
2.	MS Operating System Windows 10 Pro	CONTRACT No. UT-368 from 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.	1C: 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.	Astra Linux Common Edition	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.Web Desktop Security Suite Comprehensive protection + Control Center for 12 months.	Agreement No. 8 dated October 21, 2024
18.	Software "Schedule for educational institutions"	Agreement No. 82A dated July 30, 2024

#### List of freely distributed software

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

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

Standards of Primary Health Care

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

Standards of specialized medical care

<https://www.rosminzdrav.ru/ministry/61/22/stranitsa-979/stranitsa-983/2-standarty-spetsializirovannoy-meditsinskoy-pomoschi>

Procedures for providing medical care to the population of the Russian Federation

<https://www.rosminzdrav.ru/ministry/61/4/stranitsa-857/poryadki-okazaniya-meditsinskoy-pomoschi-naseleniyu-rossiyskoy-federatsii>

Federal Electronic Medical Library

<http://www.femb.ru> (Clinical guidelines)

The Amur State Medical Academy library


<https://amurgma.ru/obuchenie/biblioteki/biblioteka-amurskoy-gma/>

The Electronic Library System "Student Consultant"

<https://www.studentlibrary.ru>

APPROVED

at a meeting of the Department Faculty and Outpatient therapy  
Protocol No. 6 dated 14.05.2026

Head of the department  Pavlenko V.I

APPROVED

at a meeting of the Department Department of Obstetrics and  
Gynecology  
Protocol No. 7 dated 13.04.2026

Head of the department  Lysyak D.S.

APPROVED

at a meeting of the Department of Surgery with a course of  
Urology  
Protocol No. 8 dated 24.04.2026

Head of the department  Volodchenko N.P.

**ADDITIONS AND CHANGES TO THE WORK PROGRAM OF  
THE EDUCATIONAL PRACTICE "RESEARCH WORK (ACQUIRING PRIMARY SKILLS  
OF RESEARCH WORK)"  
SPECIALTY 31.05.01 General Medicine  
FOR THE 2026-2027 ACADEMIC YEAR**

**1. Make additions and changes to section 3.3. Educational and methodological materials prepared by department staff:  
Educational aids (UMO):**

N.P. Volodchenko. Diagnostics and treatment of chronic diseases of the pancreas – Blagoveshchensk: Amur State Medical Academy, 2026. – 104 p.

V. I. Pavlenko, E. G. Kulik, S. V. Naryshkina. Clinical Pulmonology. Part 1 – Blagoveshchensk: Amur State Medical Academy, 2025. – 179 p.

Electronic and digital technologies:

Videos:

1. COPD classification.

**2. The tables in section 3.5. “Licensed and freely distributed software used in the educational process”, “ Professional databases, information and reference systems, electronic educational resources ” shall be set out as follows:**

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

No. p/p	List of software (commercial software products)	Details of supporting documents
1.	MS operating system Windows 7 Pro	License number 48381779
2.	MS operating system Windows 10 Pro	CONTRACT No. UT-368 from September 21, 2021
3 .	MS Office	License numbers: 43234783, 67810502, 67580703, 64399692, 62795141, 61350919
4.	Kaspersky Endpoint Security for Business - Standard Russian Edition . 50-99 Node 1-year Educational Renewal License	Agreement No. 7 AA dated 02/07/2025
5.	1C Accounting and 1C Salary	LICENSE AGREEMENT 612/L dated 02.02.2022 (additional licenses)
6.	1C: PROF University	LICENSE AGREEMENT No. KrTsB-004537 dated December 19, 2023
7.	1C: PROF Library	LICENSE AGREEMENT No. 2281 dated November 11, 2020
8.	Consultant Plus	Contract No. 41AA dated December 27, 2024
9.	Kontur.Tolk	Agreement No. K213753/24 dated August 13, 2024
10.	3KL e-learning environment (Russian Moodle )	Agreement No. 1362.5 dated November 20, 2024
11.	Astra Linux Common Edition	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 for the "ROSA CHROME OS Workstation"	Agreement No. 88A dated 08/22/2024
16.	Alt Virtualization Server 10 (for secondary and higher vocational education)	Agreement No. 14AK dated September 27, 2024
17.	Dr.Web Desktop Security Suite Comprehensive Protection + Control Center for 12 months.	Agreement No. 8 dated October 21, 2024
18.	Software "Schedule for educational institutions"	Agreement No. 82A dated July 30, 2024

**List of freely distributed software**

No . p/p	List of freely distributed software	Links to the license agreement
1.	Yandex Browser	Freely distributed License Agreement for the Use of Yandex Browser Software <a href="https://yandex.ru/legal/browser_agreement/">https://yandex.ru/legal/browser_agreement/</a>
2.	Yandex.Telemost	Freely distributed License Agreement for the Use of Software <a href="https://yandex.ru/legal/telemost_mobile_agreement/">https://yandex.ru/legal/telemost_mobile_agreement/</a>

3.	Dr.Web CureIt !	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/licence">https://vk.com/licence</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>

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

Resource name	Resource Description	Access	Resource address
Electronic library systems			
Student Consultant. Medical University Electronic Library	For students and faculty of medical and pharmaceutical universities. Provides access to electronic versions of textbooks, teaching aids, and periodicals.	Remote access after registration under the university profile	<a href="https://www.studentlibrary.ru/">https://www.studentlibrary.ru/</a>
Reference and information system " MedBaseGeotar "	The MedBaseGeotar reference and information system is designed for practicing medical specialists, researchers, teachers, postgraduate students, residents, senior students, and healthcare managers to quickly search, select, and read the medical literature they need for their work in a single data source.	Remote access after registration under the university profile	<a href="https://mbasegeotar.ru/pages/index.html">https://mbasegeotar.ru/pages/index.html</a>
Electronic Library System " Bookup "	A large medical library is an information and educational platform for the shared use of electronic educational and methodological publications from medical universities in 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>

Electronic Block System "Lan"	The Network Electronic Library of Medical Universities is an electronic database of educational and scientific works on medical topics, created for the purpose of implementing network forms of professional educational programs, open access to educational materials for partner universities.	Remote access after registration under the university profile	<a href="https://e.lanbook.com/">https://e.lanbook.com/</a>
Scientific electronic library "CyberLeninka"	CyberLeninka is a scientific electronic library built on the Open Science paradigm. Its primary goals are the popularization of science and scientific activity, public oversight of the quality of scientific publications, the development of interdisciplinary research, a modern institution of scientific review, increasing the citation rate of Russian science, and building a knowledge infrastructure. It contains over 2.3 million scientific articles.	free access	<a href="https://cyberleninka.ru/">https://cyberleninka.ru/</a>
Human Biology Knowledge Base	Reference information on <u>physiology</u> , <u>cell biology</u> , <u>genetics</u> , <u>biochemistry</u> , <u>immunology</u> , <u>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 Medicines	The State Register of Medicines website contains information about medications: indications, contraindications, mechanism of action, side effects, dosages, and methods of administration.	free access	<a href="https://grls.rosminzdrav.ru/GRLS.aspx">https://grls.rosminzdrav.ru/GRLS.aspx</a>
Information systems			
Clinical Guidelines Index	A resource of the Russian Ministry of Health that contains clinical guidelines developed and approved by medical professional non-profit organizations of the Russian Federation, as well as methodological manuals, 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	The Federal Electronic Medical Library is part of the unified state information system in the field of healthcare as a reference system . The	free access	<a href="https://femb.ru/">https://femb.ru/</a>

Medical Library (FEMB)	FEMB was created on the basis of the funds of the Central Scientific Medical Library named after I.M. Sechenov.		
Russian State Library (RSL)	Collection size: approximately 3 million titles Period covered: from the 11th century to the present The Russian State Library's Electronic Library is a collection of electronic copies of valuable and frequently requested publications from the Russian State Library's collections, from external sources, as well as documents originally created in electronic form.	Registration on the website	<a href="https://www.rsl.ru/">https://www.rsl.ru/</a>
Russian Medical Association	A professional online resource. Purpose: to promote effective professional activity among medical personnel. Contains the charter, personnel, structure, membership rules, and information about the Russian Medical Union.	free access	<a href="http://www.rmass.ru/">http://www.rmass.ru/</a>
Web medicine	The website provides a directory of professional medical resources, including links to the most authoritative specialized websites, journals, societies, as well as useful documents and programs. It is intended for physicians, students, and staff of medical universities and research institutions.	free access	<a href="http://webmed.irkutsk.ru/">http://webmed.irkutsk.ru/</a>
Databases			
World Health 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>
<a href="https://polpred.com">Polpred.com</a>	Electronic library system Business media. Media review	free access	<a href="https://polpred.com/news">https://polpred.com/news</a>
Bibliographic databases			
Database "Russian Medicine"	Created at the Central Scientific and Methodological Library, it covers the entire collection since 1988. The database contains bibliographic descriptions of articles from Russian journals and collections, dissertations and their abstracts, as well as Russian and foreign books, institute proceedings, conference materials, etc. Thematically, the database covers all areas of medicine and related fields of biology, biophysics, biochemistry, psychology, etc.	free access	<a href="https://rucml.ru/">https://rucml.ru/</a>
PubMed	A text <a href="#">database</a> of medical and biological publications in English. PubMed is an electronic search engine with free access to 30 million publications from 4,800 indexed medical journals. The database contains articles published from 1960 to the present, including information from MEDLINE, PreMEDLINE, and NLM. Each year, the portal is updated with more than 500,000 new papers.	free access	<a href="https://pubmed.ncbi.nlm.nih.gov/">https://pubmed.ncbi.nlm.nih.gov/</a>
eLIBRARY.RU	A Russian information portal in science, technology, medicine, and education, containing abstracts and full texts of over 13 million scientific articles and publications. The eLIBRARY.RU platform offers electronic versions of over 2,000 Russian scientific and technical journals, including over 1,000 open-access journals.	Full functionality of the site is available after registration.	<a href="http://elibrary.ru/defaultx.asp">http://elibrary.ru/defaultx.asp</a>

Electronic 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>