


**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

2025

EDUCATIONAL PROGRAM
industrial practice «Practice of diagnostic profile»

Specialty: 31.05.01 General Medicine

Course: 3

Semester: 6

Total hours: 180 hrs.

Total credits: 5 credit units

Control form: credit, 6 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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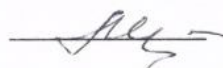
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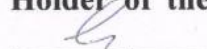
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Conclusion of the Expert Commission on the review of the Educational Programs: Protocol No. 1 dated April 16, 2025

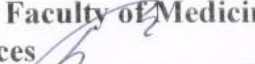
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APPROVED at the meeting of the CMC No. 3:
Protocol No. 6 dated April 17, 2025

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 V.V. Voitsehovsky

AGREED: Dean of the Faculty of Medicine,
Ph.D. of Medical Sciences  N.G. Brush

April 17, 2025

CONTENT

1.	Explanatory note	4
1.1	Characteristic practices	4
1.2	Target And tasks practices	5
1.3	Place disciplines V structure OPOP VO	6
1.4	Forms control of practice	6
1.5	Forms reporting By practice	6
1.6	Requirements To students	6
1.7	Interdisciplinary connections With subsequent disciplines/practices	9
1.8	Requirements To results passing practices	11
1.9	Stages formations competencies And description scales assessments	20
2.	Structure And content practices	20
2.1	Volume practices	20
2.2	View practices	20
2.3	Criteria ratings knowledge students	21
3.	Material, technical and educational support practices	22
3.1	Main literature	22
3.2	Additional literature	23
3.3	Educational and methodological support for practice, prepared by the department staff	25
3.4	Logistics base For conducting practices	27
3.5	Professional bases data, information and reference systems, electronic educational resources	28
3.6	Licensed And free distributed software software used in the educational process	31
3.7	Resources information and telecommunications networks "Internet"	32
4.	Fund evaluation funds	32
4.1	Examples test tasks intermediate control knowledge	32
4.2	Scroll practical skills, which must have student after completing the internship	34
4.3	Scroll questions To credit	35

1. EXPLANATORY NOTE

1.1. Characteristic practices

Industrial practice "Diagnostic profile practice" is conducted for the purpose of obtaining professional skills and experience in professional activities: testing and consolidation of knowledge obtained in the study of basic clinical and theoretical disciplines, further deepening and improvement of practical skills acquired in the study of previous disciplines, familiarization with the organization of diagnostic, therapeutic, anti-epidemic and sanitary-educational work in medical organizations, the formation of universal, general professional and professional competencies.

Industrial practice is necessary to familiarize students with the work of medical organizations, to consolidate practical skills in the methods of examining a patient and diagnostic research methods, and the basic principles medical ethics and deontology, the ability to use medical equipment and instruments, provide first aid in emergency situations, acquisition of skills in health education and research work. Production practice For students III course is being carried out after endings spring examination session in the therapeutic departments of hospitals, taking into account the diagnostic features of various organs and systems. Students work in departments and diagnostic rooms of the therapeutic profile.

PP "Practice diagnostic profiles» includes two module: Module 1 - "Propaedeutics internal diseases." Module 2 - "Diagnostics internal diseases."

The management of the PP is carried out by: module 1 - department of propaedeutics of internal diseases, module 2 - Department of Faculty and Outpatient Therapy and Department of Hospital Therapy with a Course in Pharmacology. The immediate supervisors of the practice are doctors of hospital departments, diagnostic rooms to which they are attached students on places. General management practice is assigned employees of the Department of Internal Medicine Propaedeutics, Faculty and Outpatient Therapy, Hospital Therapy with a Course in Pharmacology. Industrial practice includes studying the following issues: organization of medical and preventive institutions, main clinical syndromes, examination methods and diagnostics of diseases of internal organs.

Region professional activities And spheres professional activities, in which graduates who have completed 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; research, organizational and managerial. A graduate who has mastered the specialist program is ready to solve the following professional problems: tasks V in accordance With view (species) professional

activities, on which (which) oriented program specialty :

- 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.

Objects professional activities graduates programs specialty are:

- individuals (patients) aged 15 to 18 years and over 18 years of age (hereinafter referred to as adolescents and adults);
- population;
- totality funds And technologies, directed on Creation conditions For protection of citizens' health.

1.2. Target And tasks production practices

The purpose of the practice is to consolidate the professional skills of examining a patient, the basics of clinical thinking, the main principles of medical ethics and deontology, acquired during practical classes, to familiarize students with the work of medical organizations and the specifics of the work of diagnostic rooms, to consolidate practical skills in diagnostic methods in therapy and emergency care assistance, acquisition of skills in health education and educational research work.

Tasks practices:

1. Consolidation and improvement of methods of patient examination (questioning, inspection, palpation, percussion, auscultation).
2. Studying main clinical symptoms And syndromes diseases of internal organs.
3. Mastering the rules and requirements of medical ethics and deontology of medical personnel in a medical institution.
4. Studying features works doctors diagnostic offices.
5. Study of the features of additional diagnostics in patients with diseases organs breathing, cardiovascular systems, organs digestion,

urination, endocrine And hematopoietic systems.

6. Familiarization with the rules for preparing medical documentation, working with educational, reference, medical and scientific literature, official statistical reviews, including those on the Internet.

1.3. Place practices V structure basic professional educational program of higher education

IN in accordance With Federal State Educational Standard IN - specialty By specialties 31.05.01 Medical practice (2020) industrial practice "Practice of diagnostic profiles» refers to the basic part, Block 2. The total workload is 5 credits (180 hours), it is held in the 6th semester for 3 course. Form of control – credit in the 6th semester.

1.4. Form control practices

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

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

1.5. Forms reporting By practice

Industrial practice diary with characteristics, calendar schedule for completing the practice, individual assignment.

1.6. Requirements To students

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

Latin language
Knowledge: main medical And pharmaceutical terminology on Latin language.
Skills: be able to apply knowledge For communications And receipt information from medical literature, medical documentation.
Skills: applies medical And pharmaceutical terminology on Latin language V professional activities.
Professional foreign language
Knowledge: main medical And pharmaceutical terminology on Latin language.
Skills: be able to apply knowledge For communications And receipt information from foreign sources.
Skills: applies medical And pharmaceutical terminology on foreign language V professional activities.
Histology, embryology, cytology

Knowledge: embryogenesis, histological structure fabrics And systems.
Skills: be able to define age regularities development organs And systems analyze results histophysiological research.
Skills: analyzes and evaluates the results of histological examination biopsy material at diseases therapeutic profile.
Bioethics
Knowledge: moral and ethical norms, rules And principles professional medical behavior, rights of the patient and the doctor, the main ethical documents regulating the activities of the doctor.
Skills: be able to build up And support workers relationship With patients, others members team.
Skills: applies ethical norms For alignment relations V team And at work With patients.
Physics, mathematics
Knowledge: Mathematical methods solutions intellectual tasks And their application in medicine; theoretical foundations of informatics, collection, storage, search, processing, transformation, distribution of information in medical and biological systems, use of information computer systems in medicine and healthcare; principles works And devices equipment, used V medicine, Basics physical And mathematical laws, receiving display V medicine.
Skills: be able to use educational, scientific, popular science literature, the Internet for professional activities, work with equipment taking into account the rules safety precautions .
Skills: applies informational technologies V professional activities, owns main skills works from PC.
Educational practice: Introductory practice - Practice for obtaining primary professional skills And skills. General care for sick therapeutic And surgical profiles
Knowledge: Main principles organizations And works stationary medicinal institutions and their functional divisions. Organization of work of junior and secondary medical staff V medical organizations. Management typical accounting and reporting medical documentation.
Skills: Realize general events By care for sick.
Skills: is courting for sick therapeutic profile.
Industrial practice: Practice for obtaining primary professional skills And skills on positions average medical staff. Assistant ward medical sisters"
Knowledge: Peculiarities works junior And average medical staff V department, rights And responsibilities medical sisters And junior medical staff.
Skills: care for sick With various diseases internal organs.
Skills : Uses basic nursing techniques in preparation for diagnostic manipulations.
Production practice: Practice By receiving primary professional skills And skills on positions average medical

staff. Assistant procedural medical sisters"
Knowledge: Peculiarities works junior And average medical staff V department, rights And responsibilities medical procedural sisters.
Skills: conduct procedural manipulations With sick With various diseases internal organs.
Skills: Uses procedural manipulations to prepare patients for diagnostic manipulations.
Chemistry. Biophysical chemistry V medicine. Bioorganic chemistry in medicine. Biochemistry
Knowledge : chemical and biological essence processes, happening V alive in the body on molecular And cellular levels.
Skills : be able to analyze contribution chemical processes V functioning cardiovascular, respiratory, digestive, urinary, hematopoietic systems.
Skills: interprets And uses results laboratory research For productions diagnosis.
Biology
Knowledge: laws genetics her meaning For medicine; regularities heredity and variability V individual development How Basics understanding pathogenesis And etiology of hereditary And multifactorial diseases; biosphere And ecology, phenomenon parasitism And bioecological diseases.
Skills: be able to analyze regularities heredity And variability V development diseases internal organs And professional diseases.
Skills: knows And defines main genes responsible for development diseases therapeutic profile.
Anatomy
Knowledge: anatomical and physiological peculiarities respiratory, cardiovascular , digestive, hematopoietic, endocrine, urinary systems.
Skills: be able to analyze age-gender peculiarities buildings organs And systems.
Skills: uses anatomical data For diagnostics diseases V therapy.
Normal physiology
Knowledge: physiological characteristics of the respiratory, cardiovascular, digestive, hematopoietic, endocrine, urinary systems.
Skills: be able to analyze age- sex characteristics of structure and functioning organs And systems.
Skills: applies the analysis of regulation of biological processes in medicine practice.
Pathophysiology, clinical physiology
Knowledge: morphological changes fabrics organism at pathologies cordially-vascular, respiratory, digestive, urinary systems And b l o o d systems .

Skills: be able to determine contribution pathophysiological processes V development diseases internal organs.			
Skills: applies Basics pathogenesis For appointments additional methods diagnostics V therapy.			
Pharmacology			
Knowledge : mechanism actions And side effects influence various medicinal drugs on organism.			
Skills: be able to write out recipes appointed drugs, know indications And contraindications To their purpose.			
Skills: appoints necessary drugs For treatments diseases.			
Microbiology, virology			
Knowledge: the impact of microbes, viruses, rickettsia, and fungi on the body . Microbiological diagnostics infectious diseases (II level).			
Skills: be able to analyze the results of microbiological diagnostics infectious diseases.			
Skills: applies results microbiological diagnostics For productions diagnosis.			
Pathological anatomy, clinical pathological anatomy			
Knowledge : pathomorphological changes for diseases of internal organs: pneumonia, COPD, rheumatism, vices hearts, hypertensive diseases, atherosclerosis, heart attack myocardium, glomerulonephritis , hepatitis And cirrhosis liver.			
Skills: identify Pathomorphological changes at diseases internal organs.			
Skills: applies data pathological research, biopsies fabrics For diagnostics diseases therapeutic profile.			

1.7. Interdisciplinary connections practices With subsequent disciplines and practitioners

Knowledge And skills, acquired By production practice necessary for study of subsequent disciplines and practice:

Item No.	Name of subsequent disciplines	Industrial practice "Practice of diagnostic profile. Module 1- Propaedeutics of Internal Diseases"	Industrial practice "Practice of diagnostic profile. Module 2 - Diagnostics internal diseases"
1.	Faculty therapy	+	+
2.	Hospital therapy	+	+
3.	Outpatient clinic therapy	+	+
4.	Phthisiology	+	+

5.	Pathophysiology, clinical pathophysiology	+	+
6.	Infectious diseases	+	+
7.	Faculty surgery, urology	+	+
8.	Public health And healthcare, health economics	+	+
9.	Pathological anatomy, clinical pathological anatomy	+	+
10.	Anesthesiology, resuscitation, intense therapy	+	+
11.	Pediatrics	+	+
12.	Medical genetics	+	+
13.	Epidemiology	+	+
14.	Neurology, neurosurgery	+	+
15.	Psychiatry, medical psychology	+	+
16.	Hospital surgery, children's surgery	+	+
17.	Endocrinology	+	+
18.	Production practice "Practice therapeutic profiles»	+	+
19.	Production practice "Practice for obtaining professional skills And professional experience - assistant physician of an outpatient clinic"	+	+
20.	Practice By urgent medical manipulations	+	+
21.	Practice general medical profiles	+	+

1.8. Requirements To results development production practices

Walkthrough production practices "Practice diagnostic profiles» directed on formation the following competencies: universal (UK), general professional (OPK) and professional (PK): UK-1.3; OPK-1.4.5.11; PC-1.2.10.11.

Item No.	Code and name competencies	IN result passing practices "Practice diagnostic profiles» student must:			Code And Name indicator of achievement of competence
		Know	Be able to	To own	
Universal competencies					
1	UK- 1. Capable of performing critical analysis of problem situations on based on a systems approach, develop an action strategy.	The main historical stages of diagnostic development methods in therapy, item and tasks disciplines, connection with other medical, biological and medical disciplines; basic terms and concepts used in diagnostic methods of therapeutic diseases profiles; modern concepts in the study of additional diagnostic methods in therapy; principles use of logical and methodological	Describe the stages of development of additional diagnostic methods How sciences and theirs role on the present stage; to assess the levels of organization of various systems of internal organs; to assess contribution of domestic scientists in development additional diagnostic methods in therapy; develop and argue the strategy for solving problems situations based on a systemic and interdisciplinary approach V diagnostic practice.	The ability to analyze the significance of diagnostic practices at the present stage; systemic analysis of the obtained data to resolve problematic situations in professional sphere; methods of developing and arguing strategies for solving problem situations based on a systemic and interdisciplinary approaches in diagnostic practice; critical approach to the evaluation and reliability of sources information,	ID UK- 1.1. Analyzes problematic situation based on a systems approach. ID UK- 1.2. Develops and argues a strategy for solving problem situations based on a systemic and interdisciplinary approach approaches. ID UK- 1.3. Applies systems analysis to resolve problematic situations in the professional sphere. ID UK- 1.4. Uses logical and methodological tools For critical assessments of modern concepts philosophical And social character V his

		tools for critically assessing modern concepts of a philosophical and social nature in diagnostics.		a method for working with conflicting information obtained from different sources.	subject areas. ID UK- 1.5. Critically evaluates the reliability of information sources, works with contradictory information from different sources.
2	UK- 3. Able to organize and lead teamwork , developing a team strategy to achieve the set goals goals.	Basic principles of tolerance perception of social, ethnic, religious and cultural differences when working in a team; skills effective and conflict-free communication within the team.	Be tolerant of social issues, Ethnic, religious and cultural differences at work V team; effectively and conflict-free communicate in a team , including developing a team strategy to achieve delivered goals.	Ability To developing a team strategy to achieve the set goal, including professional ; methods effective and conflict-free communication in a team; tolerance to social, ethnic, religious and cultural differences.	ID UK-3.1. Works in a team, tolerates social, ethnic, religious and cultural differences.
General professional competencies					
3	OPK- 1. Capable of implementing moral and legal norms, ethical and deontological principles in professional	Ethical and deontological aspects of the relationship "doctor-doctor", "doctor-patient"; principles effective and conflict-free communication with patients; methods of effective communication between doctor And	Conduct a physical examination of the patient taking into account ethical and deontological principles; effectively and conflict-free communicate with patients, relatives, colleagues; to form	To own skills communication with sick, relatives, colleagues, junior staff; identify problems with the patient's treatment To to the doctor; by verbal and non-verbal communication with the patient; principles	ID OPK- 1.1 . Carries out professional activities in accordance with ethical standards and moral principles. ID OPK- 1.2. Organizes professional activities, guided by

	activities.	patients in difficult situations; basic requirements for the personality of a doctor; general principles for conducting discussions and round tables.	effective relationships with the patient; observe the principles of confidentiality; conduct discussions, observing the principles of moral and ethical argumentation.	confidentiality in professional activities And communication with colleagues; continuously improve communication skills V professional activities doctor.	legislation in the field of healthcare, knowledge of medical ethics and deontology. ID OPK- 1.3. Has the skills to present independently dots of vision, analysis and logical thinking, public speaking, moral and ethical argumentation, conducting discussions and round tables, principles of medical deontology and medical ethics.
4	OPK- 4. Capable of using medical devices as provided by the procedure provision of medical care, and also conduct a patient examination With for the purpose of establishing a diagnosis.	Indications and contraindications to the use of modern medical technologies, medical devices, drugs, instrumental, functional and laboratory examination methods V therapy; interpretation of the results of the most common methods of instrumental, laboratory and	Apply modern medical technologies, specialized equipment, medical products, medicines drugs in in accordance With the procedure for providing medical care, with positions of evidence medicine in diagnostics of internal diseases; prescribe instrumental, functional and laboratory tests examination methods; interpret	Ability to use of modern medical technologies, specialized equipment, medical devices, drugs and their combinations, from the standpoint of evidence-based medicine in diagnostics of internal diseases; compare results additional examination methods (instrumental, laboratory and	ID OPK -4.1. Uses modern medical technologies, specialized equipment and medical products, disinfectants, medicines, including immunobiological ones And other substances and their combinations in solving professional problems from the perspective of evidence-based medicine. ID OPK- 4.2. Knows the indications and contraindications for the use of instrumental, functional and laboratory methods examinations, possible complications during the procedure

		functional diagnostics; methods of general clinical examination of the patient; principles formulations of preliminary diagnosis And clinical diagnosis in therapy according to ICD.	results of instrumental, laboratory and functional diagnostic methods; conduct clinical patient examination ; formulate a preliminary diagnosis and clinical diagnosis in therapy according to ICD.	functional diagnostics) For detection of pathological processes; methods of general clinical examination of patients of different ages; formulation of preliminary diagnosis and clinical diagnosis according to ICD, taking into account the totality clinical and additional examination methods (instrumental, laboratory and functional).	examinations, urgent help And their warning. ID OPK- 4.3. Interprets the results of the most common methods of instrumental, laboratory and functional diagnostics, thermometry to identify pathological processes. ID OPK- 4.4. Proficient in methods of general clinical examination of patients of various ages.
5	OPK -5. Capable of assessing morphofunctional , physiological states and pathological processes in the body a person to solve professional problems.	Main theories and approaches in etiology, pathogenesis, morphogenesis, pathomorphosis of the development of diseases of internal organs in therapies used to determine diagnostic methods; basic parameters of physiological and morphofunctional health; features of	Apply modern approaches in etiology, pathogenesis, morphogenesis, pathomorphosis of disease development for the purpose of necessary methods diagnostics; measure and evaluate the parameters of physiological and morphofunctional health; diagnose the features of physiological and	Ability to the use of diagnostic methods from the standpoint of etiology, pathogenesis, morphogenesis, pathomorphosis of disease development; measurement and assessment of physiological and morphofunctional health parameters; diagnostic methods of physiological and	ID OPK-5.2. Knows etiology, pathogenesis, morphogenesis, pathomorphosis of disease development, basic concepts nosology. ID OPK-5.3. Knows the indicators morphofunctional, physiological states a healthy person and knows how to measure/determine them . ID OPK-5.4. Applies indicators

		physiological and			
		<p>morphofunctional indicators in diseases of the therapeutic profile with purpose their diagnostics; macro- and microscopic features of pathological changes in internal organs in case of diseases in therapy.</p>	<p>morphofunctional indicators in diseases of therapeutic profile; analyze macro- and microscopic features of pathological changes in internal organs at diseases in therapy.</p>	<p>morphofunctional indicators in diseases of therapeutic profile; compare macroscopic and microscopic changes V normal and pathologically altered tissues and organs; formulation of preliminary diagnosis and clinical diagnosis according to ICD, taking into account the results biopsy And operational material.</p>	<p>morphofunctional, physiological state and pathological process for examination organism human With for the purpose of establishing a diagnosis and prescribing treatment And control his efficiency and security.</p> <p>ID OPK-5.5 . Analyzes and interprets macroscopic and microscopic changes in normal and pathologically altered tissues and organs.</p>

6	OPK- 11. Capable of preparing and applying scientific, scientific production, design, organizational-managerial and regulatory documentation in the healthcare system.	Methodology of conducting scientific research; main directions of scientific research in diagnostics; principles and methods of conducting scientific research, medical statistics.	Apply modern methods of collection and processing information, conduct statistical analysis of the obtained data in the professional field. And interprets the results For professional solutions tasks. Conduct scientific and practical research,	Ability participate in the implementation of scientific research; the ability to analyze medical information on evidence-based medicine and implement it into practice work new methods, directed for security health adult population.	ID OPK- 11.1. Applies modern methods of collecting and processing information, conducts statistical analysis of the data obtained in the professional field and interprets the results to solve professional problems. ID OPK- 11.4. Conducts scientific and practical research, analyzes information With using historical method And designs publications based on the research results.
			analyze information using historical method and to design publications based on the results of the study, on the prevention of the development of chronic diseases.		
Professional competencies					

7	<p>PC- 1.</p> <p>Ability to collect and analysis of complaints, life history, patient's medical history With for the purpose of establishing a diagnosis and (or) states by profile "therapy".</p>	<p>Anatomical, physiological and age-sex characteristics internal organs of the human body. Features of regulation and self-regulation functional body systems human in the norm And at diseases and (or) states in the field of "therapy". Methodology collection complaints, medical history , life history of the patient with illness and (or) condition By profile "therapy" (or</p>	<p>Collect complaint s , anamnesis illness, medical history of the patient with the illness and/or condition in the “therapy” profile (or his legal representative). Interpret a nd analyze the information received from patient with disease And (or) state By profile "therapy" (or its legal representative).</p>	<p>Methods of collecting complaints, anamnesis diseases And life, highlight the main syndromes in diseases of internal organs. Analysis of information obtained from a patient with the disease By profile "therapy" (or its legal representative).</p>	<p>ID PC- 1.1.</p> <p>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>ID PC- 1.2.</p> <p>Interpret and analyze information received from a patient with a disease and/or condition in the “therapy” profile (or his/her legal representative).</p>
		his legal representative).			

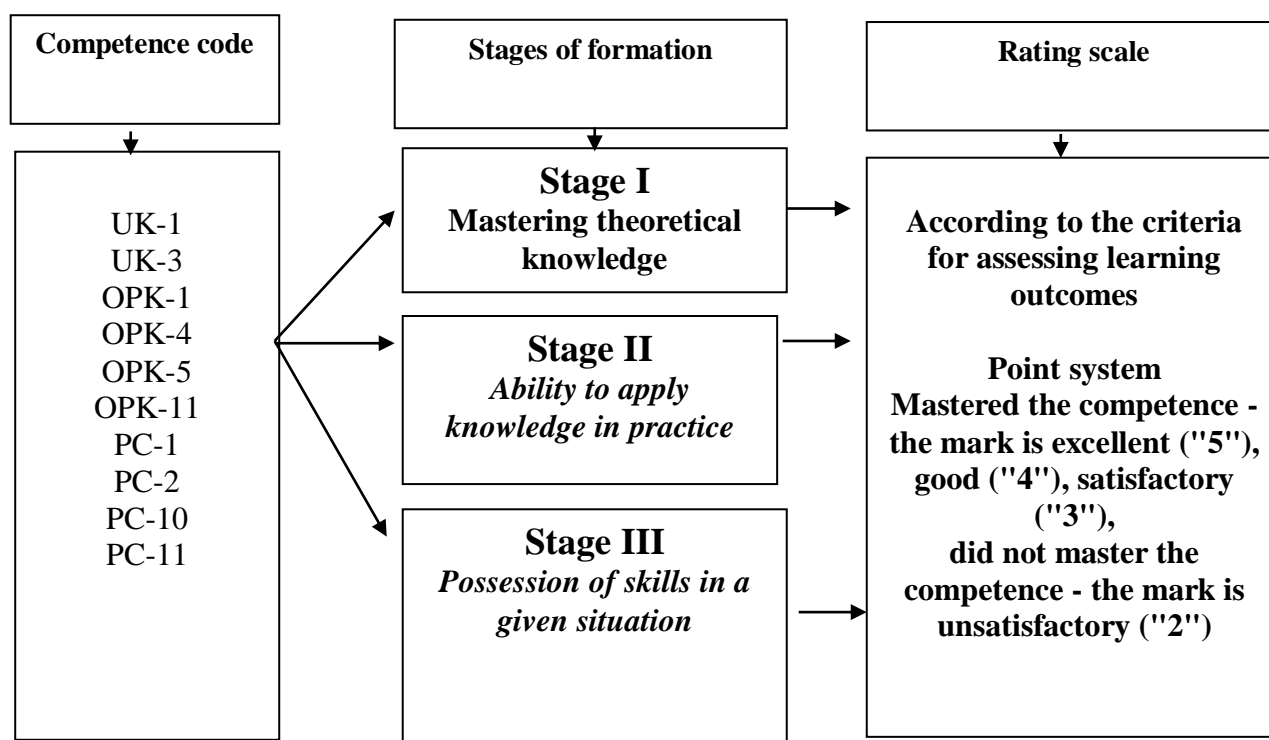
8	<p>PC- 2.</p> <p>Ability to perform a physical examination of a patient, Analysis of the results of additional examination methods in order to establish a diagnosis and (or) states by profile "therapy".</p>	<p>Methodology physical patient examination</p> <p>Methods of laboratory and instrumental diagnostics diseases and (or) conditions By profile "therapy", indications and contraindications for their use.</p> <p>Clinical picture, features of the course, complications diseases (cardiovascular , respiratory, digestive, urinary, endocrine And hematopoietic organs) in the adult population.</p>	<p>Conduct a physical examination of the patient (inspection, palpation, percussion, auscultation) with the disease and (or) condition By profile "therapy". Justify the necessity and scope of laboratory and instrumental examinations patient with a disease and /or condition By profile "therapy". Conduct diagnostic manipulations and interpret the results obtained. Interpret the results laboratory and instrumental examinations patients. Assess the severity of the disease and (or) the patient's condition with illness By profile "therapy".</p>	<p>Methodology for conducting physical examination examinations patients (examination, palpation, percussion, auscultation) a method for assessing the severity of the disease and (or) states patient with a disease by profile "therapy". To determine diagnostic signs and symptoms of diseases. Methods for referring patients for laboratory and instrumental examinations.</p>	<p>ID PC- 2.1.</p> <p>Conduct a physical examination of a patient (inspection, palpation, percussion, auscultation) with a disease and/or condition in the “therapy” profile.</p> <p>ID PC- 2.2.</p> <p>Justify the necessity and scope of laboratory and instrumental examinations patient With disease and (or) condition By profile "therapy".</p> <p>ID PC- 2.3.</p> <p>Conduct diagnostic manipulations and interpret the results obtained:</p> <ul style="list-style-type: none"> - measurement of blood pressure on the peripheral arteries; - study level glucose V blood; - daily monitoring blood pressure (ABPM); - pulse oximetry ; - reading spirogram; - determination of the ankle - brachial index; - conducting orthostatic
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					<p>samples;</p> <ul style="list-style-type: none"> - pneumotachometry ; - taking and decoding an electrocardiogram. <p>ID PC- 2.4.</p> <p>Interpret the results of laboratory and instrumental examinations of patients.</p> <p>ID PC- 2.7.</p> <p>Assess the severity of the disease and/or the condition of the patient with the disease according to the “therapy” profile.</p>
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9	<p>PC- 10.</p> <p>Readiness to conduct an analysis of medical and statistical indicators of morbidity and disability of patients with diseases and (or) states by profile "therapy" for health assessment</p> <p>attached</p>	<p>Rules for drawing up a plan And report O their work. Internal work regulations, fire safety requirements, labor protection and technology safety, basics of personal safety.</p>	<p>Make a work plan and report on your work. Observe internal work regulations, fire safety requirements, labor protection and safety precautions.</p>	<p>Methodology making a plan about your work. Rules internal labor regulations.</p>	<p>ID PC- 10.1.</p> <p>Make a work plan and report on your work.</p> <p>ID PC-10.4.</p> <p>Comply with internal work regulations, fire safety requirements, labor protection and safety engineering.</p>
	population.				

10	<p>PC- 11.</p> <p>Ability to maintaining medical records a nd exercising control the quality of its management.</p>	<p>Rules for the preparation of medical documentation in organizations providing medical care help according to the therapeutic profile, V volume number in the form of an electronic document. Rules for working in medical information systems and information and telecommunications network "Internet".</p>	<p>Fill medical records, V including in the form of an electronic document, to control the quality of its maintenance.</p> <p>Use V work personal data of patients And information constituting a medical secret.</p> <p>Use in professional activities, medical information systems and information and telecommunications u Internet network .</p>	<p>Methods of maintaining medical records , including in electronic form document Use of medical information systems and the information and telecommunications network "Internet".</p>	<p>ID PC- 11.1.</p> <p>Fill out medical documentation, including in the form of an electronic document, and monitor the quality of its maintenance.</p> <p>ID PC- 11.2.</p> <p>Use in work personal data of patients and information constituting a medical secret.</p> <p>ID PC- 11.3.</p> <p>Use V professional activities medical information systems and information and telecommunications network "Internet".</p>
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1.9. Stages formations competencies And descriptions scales assessments



2. STRUCTURE AND CONTENT OF PRACTICE

2.1. Volume practices

Volume practices	Total	Module 1	Module 2
General labor intensity V hours, total	180		
Labor intensity V hours Modules	180	36	144
General labor intensity V credited units, total	5	1	4
View intermediate certifications	Credit		

2.2. View practices

View practices: production.

"Diagnostic profile practice" is a mandatory section of the educational process, directly focused on the professional and practical training of students. The most optimal form of industrial practice is work in hospital departments. When implementing the program, attention is paid to the students' work the proposed list of required practical skills.

From innovative methods training is used accreditation -

simulation a center with dummies and phantoms, computer presentations on the diagnosis of internal diseases are used.

After mastering practical skills, students perform manipulations directly in the hospital departments under the supervision of a doctor and teacher, who are responsible for students' compliance with the basic rules for performing various manipulations, as well as the principles of medical ethics and deontology, during industrial practice.

2.3. Criteria ratings knowledge students

Grade results training is being carried out according to "Provisions O system assessment of 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 the Russian Federation."

The basis For definitions level knowledge, skills, skills are evaluation criteria – completeness and correctness:

- correct, accurate answer;
- correct, But incomplete or inaccurate answer;
- wrong answer;
- no answer.

At exhibiting marks taken into account classifications errors And their quality:

- rough errors;
- of the same type errors;
- not rude errors;
- shortcomings.

Criteria ratings theoretical parts:

“5” - for the depth and completeness of mastery of the content of the educational material, in which the student easily navigates, for the ability to connect theoretical questions with practical ones, express and justify their judgments, and present the answer competently and logically.

“4” - the student has fully mastered the educational material, is oriented in it, and correctly expresses the answer, but the content and form have some inaccuracies.

“3” - 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.

“2” - 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.

Criteria ratings test control:

"5" - at testing allows to 10% erroneous answers.

"4" - at testing allows to 20% erroneous answers.

"3" - at testing allows to 30% erroneous answers.

"2" - at testing allows more 30% wrong answers.

Criteria ratings practical parts:

"5" - student fully mastered practical skills And skills, provided for by the work program of industrial practice.

"4" - student mastered practical skills And skills, provided work program for industrial practice, but it does contain some inaccuracies.

"3" - student owns only some practical skills and skills.

"2" - student owns only some practical skills And skills, performs them with gross errors.

Intermediate control (credit) class):

The midterm assessment is carried out by a practice commission consisting of a course supervisor from the Federal State Budgetary Educational Institution of Higher Education Amur State Medical Academy and a practice supervisor from a medical organization.

"5" **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 connect theoretical questions with practical ones, express and justify their judgments, correctly and logically present the answer; when testing allows up to 10% of erroneous answers. Practical skills and abilities provided for by the work program of practice have been fully mastered.

"4" **good** - the student has fully mastered the educational material, is oriented in it, correctly states the answer, but the content and form have some inaccuracies; during testing allows up to 20% of erroneous answers. Has fully mastered practical skills and skills required by the job program of the discipline, but allows for some inaccuracies

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

"2" **unsatisfactory** - the student has fragmented and unsystematic knowledge of the educational material, does not know how to distinguish between the main and the secondary, makes mistakes in defining concepts, distorts their meaning, disorderly And Not confidently sets out material, during testing allows more than 30% of incorrect answers. Practical skills and abilities are performed with gross errors.

3. Logistics And educational and methodological security practices

3.1. Main literature

1. Butov, M.A. Propaedeutics of Internal Diseases: textbook / M.A. Butov. - 2nd ed., corrected . and add. Moscow: GEOTAR-Media, 2024. - 584 p. - ISBN 978-5-9704-8262-9, DOI: 10.33029/9704-8262-9-PD-2024-1-584. - Electronic version is available on the website of the Electronic Library System "Student Consultant": [site]. URL: <https://www.studentlibrary.ru/book/ISBN9785970482629.html> (date of access: 10/30/2024). - Access mode: by

subscription. - Text: electronic

2. Martynov, A. I. Internal diseases: T. I.: textbook / edited by Martynov A. AND. , Kobalava Zh. D., Moiseeva S. V. - Moscow: GEOTAR-Media, 2021. - 784 p. - ISBN 978-5-9704-5886-0. Mode access: <http://www.studmedlib.ru/book/ISBN9785970458860.html>
3. Martynov, A. I. Internal diseases: Vol. II: textbook / edited by Martynov A. AND., Kobalava AND. D. , Moiseeva WITH. IN. - Moscow : GEOTAR-Media, 2021. - 704 With. - ISBN 978-5-9704-5887-7. Mode access: <http://www.studmedlib.ru/book/ISBN9785970458877.html>
4. Mukhin, N. A. Propaedeutics of internal diseases: textbook / N. A. Mukhin, V. S. Moiseev. - 2nd ed. , rev . and additional - Moscow: GEOTAR-Media, 2023. - 848 p. - ISBN 978-5-9704-7981-0. - Text: electronic // EBS "Student Consultant": [website]. - URL: <https://www.studentlibrary.ru/book/ISBN9785970479810.html> (access date: 11/07/2024). - Access mode: by subscription.
5. Ivashkin, V. T. Propaedeutics of Internal Diseases: textbook / V. T. Ivashkin. - 2nd ed., revised . and add. - Moscow: GEOTAR-Media, 2023. - 936 p. - ISBN 978-5-9704-7691-8, DOI: 10.33029/9704-7691-8-PRO-2023-1-936. - Electronic version is available on the website of the Electronic Library System "Student Consultant": [site]. URL: <https://www.studentlibrary.ru/book/ISBN9785970476918.html> (date of access: 07.11.2024). - Access mode: by subscription. - Text: electronic <https://amurgma.ru/obuchenie/biblioteki/biblioteka-amurskoy-gma/>)

3.2. Additional literature

1. 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
2. Oslopov , Yu . - Moscow: GEOTAR-Media, 2024. - 240 p. - ISBN 978-5-9704-8127-1, DOI: 10.33029/ 9704-8127-1 -IDP-2024-1-240. - An electronic version is available on the website of the Electronic Library System "Student Consultant": [site]. URL: <https://www.studentlibrary.ru/book/ISBN9785970481271.html> (date of access: 30.10.2024). - Access mode: by subscription. - Text: electronic
3. Propaedeutics of Internal Diseases. Semiotics. Collection of test tasks: a tutorial / E. V. Reznik, E. N. Banzelyuk , A. P. Baranov [et al.]; under the supervision of E. V. Reznik. - Moscow: GEOTAR-Media, 2024. - 184 p. - ISBN 978-5-9704-8244-5, DOI: 10.33029/9704-8244-5-PAS-2024-1-184. - Electronic version is available on the website of the Electronic Library System "Student Consultant": [site]. URL: <https://www.studentlibrary.ru/book/ISBN9785970482445.html> (date of access: 30.10.2024). - Access mode: by subscription. - Text: electronic .
4. S. Statsenko, M. E. Propaedeutics of Internal Diseases: a textbook / M. E. Statsenko, S. V. Turkina, I. A. Tyshchenko. - Volgograd: VolgGMU , 2022. - Part 6: Hematology: hematopoietic system, formed elements - 2022. - 148 p. - Text: electronic // Lan: electronic library system. - URL: <https://e.lanbook.com/book/295799> (date accessed: 03/13/2023). - Access mode: for authorized users. <https://amurgma.ru/obuchenie/biblioteki/biblioteka-amurskoy-gma/>

Shchekotova , V.V. Differential diagnostics of internal diseases / ed. IN. IN. Shchekotova , A. AND. Martynova, A. A. Spassky. - Moscow : GEOTAR-Media, 2018. - 928 p. - ISBN 978-5-9704-4778-9. Mode access : <http://www.studmedlib.ru/book/ISBN9785970447789.html>.

Ganceva , H.H. Clinical examination of the patient / Ganceva H.H., Ishmuratova R. Sh. , Kzyrgalin Sh. R. , Gainullin A. X. - Moscow : GEOTAR-Media, 2021. - 208 s. - ISBN 978-5-9704-6035-1. Mode access : <http://www.studmedlib.ru/book/ISBN9785970460351.html>

Murtazin , A. I. Endocrinology. Standards of medical care. Quality assessment criteria. Pharmacological reference book / compiled by A. I. Murtazin . - Moscow : GEOTAR-Media, 2021. - 560 With. (Series "Standards medical help") - ISBN 978-5-9704-6065-8. Mode access : By subscription , <http://www.studmedlib.ru/book/ISBN9785970460658.html>

Dedov, I. I. Personalized endocrinology in clinical examples

/ Dedova I.I. - Moscow : GEOTAR-Media, 2018. - 440 With. - ISBN 978-5-9704-4617- 1.

Mode access: <http://www.studmedlib.ru/book/ISBN9785970446171.html>

3.3. Educational and methodological security practices, prepared by the department staff

Educational benefits (UMO)

1.	Clinic, diagnostics, principles treatments And prevention arterial hypertension / Edited by prof. Menshikova I.G. - Blagoveshchensk, 2015. - 164 pp. Mode access: https://educ-amursma.ru/course/view.php?id=175
2.	Clinic, diagnostics, principles treatments With basics physical rehabilitation patients with acute myocardial infarction / Edited by Prof. Menshikova I.G. – Blagoveshchensk, 2015. – 144s. Mode access: https://educ-amursma.ru/course/view.php?id=175
3.	Modern aspects of the clinical picture and diagnostics of chronic pulmonary heart disease: A tutorial / Edited by prof. I.G. Menshikova. - Blagoveshchensk, 2018.-85 p., 2020.-85 p. Mode access: https://educ-amursma.ru/course/view.php?id=175
4.	General clinical laboratory diagnostic methods /Under edited by prof. Menshikova I.G., prof. Good V.N. - Blagoveshchensk, Khabarovsk, 2012. - 107s.: ill. Mode access: https://educ-amursma.ru/course/view.php?id=58
5.	Basics clinical electrocardiography /Under editorial board prof. Menshikova I.G. – Blagoveshchensk-Khabarovsk, 2010.– 100 p. Mode access: https://educ-amursma.ru/course/view.php?id=58
6.	Main clinical syndromes V course propaedeutics internal diseases /Edited by prof. Menshikova I.G. - Blagoveshchensk-Vladivostok, 2010. - 51s. Mode access: https://educ-amursma.ru/course/view.php?id=58
7.	Naryshkina S.V., Korotich O.P., Kruglyakova L.V. Clinical Pulmonology / Study Guide. - Blagoveshchensk. - 2010. – 143 s. (UMO stamp) + CD Mode access: https://www.amursma.ru/zakrytaya-chast-sayta/4-kurs/

8.	Sulima M.V., Soluyanov I.P., Kruglyakova L.V. Violation of the composition of normal microflora at diseases organs digestion / Educational allowance.- Blagoveshchensk, 2014.- 104s. (vulture UMO+CD) Mode access: https:// www.amursma.ru/zakrytaya-chast-sayta/4-kurs/
9.	Pavlenko V.I., Sandpiper E.G. Latin terms And winged expressions V clinical practice. Textbook. Blagoveshchensk. - 2015. - 32 p. Mode access: https:// www.amursma.ru/zakrytaya-chast-sayta/4-kurs/
10.	Naryshkina S.V., Sulima M.V., Kruglyakova L.V. Clinical gastroenterology / Textbook. 2nd edition, supplemented and revised. – Blagoveshchensk, - 2017. – 244 p. - (vulture) UMO). Mode access: https:// www.amursma.ru/zakrytaya-chast-sayta/4-kurs/
11.	Naryshkina S.V., Shtilerman A.L., Tanchenko O.A. Diabetic retinopathy . Textbook. - Blagoveshchensk, 2014. - 115 p. (UMO stamp). https://www.amursma.ru/obuchenie/kafedry/klinicheskije/fakultetskoy-i-poliklinicheskoy-therapy / methodological work of the department /
12.	Naryshkina S.V., Olifirova O.S., Tanchenko O.A. Diagnostics and treatment of nodular diseases of the thyroid gland. Study guide. - Blagoveshchensk, 2015. - 110 p. (UMO stamp). https:// www.amursma.ru/obuchenie/kafedry/klinicheskije/fakultetskoy-i-poliklinicheskoy-therapy / methodological work of the department /
13.	Naryshkina S.V., Shtilerman A.L., Tanchenko O.A. Endocrine ophthalmopathy . Textbook. - Blagoveshchensk, 2018. - 120 p. (UMO stamp). https://www.amursma.ru/obuchenie/kafedry/klinicheskije/fakultetskoy-i-poliklinicheskoy-therapy / methodological work of the department /
14.	Landyshev Yu.S., Pogrebnaya M.V., Vakhnenko Yu.V., Dorovskikh I.E., Urazova G.E. Diagnostics and principles of treatment of congenital heart defects / Textbook, recommended UMO By medical And pharmaceutical education universities Russia. Moscow- Blagoveshchensk, 2011.
15.	Landyshev Yu.S., Pogrebnaya M.V., Vakhnenko Yu.V., Dorovskikh I.E., Urazova G.E. Acquired heart defects. Diagnostics and treatment / Study guide, recommended UMO By medical And pharmaceutical education universities Russia. - Moscow-Blagoveshchensk, 2011.

Electronic And digital technologies:

1. Multimedia presentations To lectures, posted V EIOs Federal State Budgetary Educational Institution VO Amur State Medical Academy:

Mode access:

module 1: <https://educ-amursma.ru/course/view.php?id=58>

module 2: <https://educ-amursma.ru/course/view.php?id=362>

2. Videos:

1. Propaedeutics internal diseases

2. Methodology conducting spirometry

3. Methodology conducting bronchodilator test
4. Arterial hypertension.
5. Patients With IHD.

3. Photo materials:

1. Photo demonstration patients With various phenotypes COPD
2. Photo demonstration patient With syndrome Stevens - Johnson
3. Photo album By cystic fibrosis
4. Photo album By complications systemic glucocorticoid therapy
5. Photo album "X-ray diagnostics at internal diseases" .
6. Photo album "Ultrasound diagnostics diseases internal organs" .
7. Photo album "ECG at ischemic diseases hearts."

4. Electronic educational benefits:

(posted on website Federal State Budgetary Educational Institution IN Amur GMA.

Mode access: <https://www.amursma.ru/zakrytaya-chast-sayta/3-courses/>

3.4. Material and technical base for conducting practice List

equipment, used at training students

№ п/п	Наименование	Количество
Кабинет практических умений		
1	Кабинет практических умений. Учебная аудитория 11 (по экспликации № 5) площадь - 10,2 кв. м.675000, Амурская область, г. Благовещенск, ул. Больничная, д.32, литер А1-3, 3 этаж.	1
	FUKUDA-сфигмоманометр и сфигмограф VaSeraVS-1000	1
	Муляж сердца	1
	Пульсоксиметр	1
	Пикфлоуметр	1
	Индивидуальный спирометр	1
	Шагометр	1
	Пикфлоуметр	1
	Индивидуальный спирометр	1
	Шагометр	1
	Ноутбук	1
2	Медицинское помещение, медицинская техника (оборудование) медицинской организации в соответствии с «Договором об организации практической подготовки обучающихся в период производственной практики»	
3	Оборудование АСЦ:	

	Манекен, имитирующий взрослого человека. Фонендоскоп. Тонометр. Фонарик. Шприцы с набором лекарств. Растворы для инфузии. Торс для аускультации со стетоскопом. Система интерактивных опросов Quizdom.
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Medical products: tonometers, thermometer, phonendoscopes, pulse oximeters , height meter, medical scales, bactericidal irradiator, kits for emergency treatment and preventive measures, bronchoscope , microscope, negatoscope , electrocardiograph, peak flow meter , pocket inhaler, puncture needles, endoscope, consumables.

3.5. Professional bases data, 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	https://www.studentlibrary.ru/
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	https://mbasegeotar.ru/pages/index.html
EBS " 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	https://www.books-up.ru/
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	https://e.lanbook.com/
Scientific electronic library " CyberLeninka "	CyberLeninka is a scientific electronic library built on the paradigm of open science (Open Science), the main objectives of which are the popularization of science and scientific activity, public control over 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	https://cyberleninka.ru/
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 , the electronic versions of which are constantly updated.	free access	http://www.oxfordmedicine.com
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	http://humbio.ru/
Medical online library	Free reference books, encyclopedias, books, monographs, abstracts, English-language literature, tests.	free access	https://www.medlib.ru/library/library/books
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	link to download the application	https://cr.minzdrav.gov.ru/#/

	methodological guidelines, nomenclatures and other reference materials.		
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	https://femb.ru/
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	http://www.rmass.ru/
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	http://webmed.irkutsk.ru/
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	http://www.who.int/ru/
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	http://www.minobrnauki.gov.ru
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	https://edu.gov.ru/
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	http://www.edu.ru/
Polpred.com	Electronic library system Business media. Media Review	free access	https://polpred.com/news
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	https://rucml.ru/
PubMed	A text 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 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	https://pubmed.ncbi.nlm.nih.gov/
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	http://elibrary.ru/defaultx.asp
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	http://diss.rsl.ru/?menu=disscatalog/
Medline.ru	Medical and biological portal for specialists. Biomedical journal.	free access	https://journal.scbmt.ru/jour/index
Official Internet	The single official state information and legal resource	free access	http://pravo.gov.ru/

portal of legal information	in Russia		
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3.6. Licensed And free distributed software 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 https://yandex.ru/legal/browser_agreement/
2.	Yandex.Telemost	Freely distributed License Agreement for the Use of Programs https://yandex.ru/legal/telemost_mobile_agreement/
3.	Dr.Web CureIt !	Freely distributed License Agreement: https://st.drweb.com/static/new-www/files/license_CureIt_ru.pdf
4.	OpenOffice	Freely distributed License: http://www.gnu.org/copyleft/lesser.html
5.	LibreOffice	Freely distributed License: https://ru.libreoffice.org/about-us/license/
6.	VK Calls	Freely distributed https://vk.com/license
7.	Kaspersky Free Antivirus	Freely distributed https://products.s.kaspersky-labs.com/homeuser/Kaspersky4Win2021/21.16.6.467/english-

		0.207.0/3830343439337c44454c7c4e554c4c/kis_eula_en-in.txt
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3.7. Resources information and telecommunications networks "Internet"

1. Replace the Amur State Medical Academy library e-mail address with <https://amurgma.ru/obuchenie/biblioteki/biblioteka-amurskoy-gma/>
2. The e-mail address of the Electronic Library System "Student Consultant" should be replaced with <https://www.studentlibrary.ru>

4. FUND EVALUATION MEANS

4.1. Examples test tasks intermediate control knowledge

It is being held V system Moodle

Module 1:

Mode access: <https://educ-amursma.ru/course/view.php?id=58>

General quantity test tasks - 100.

Specify one correct answer:

1. PATHOLOGICAL BRONCHIAL BREATHING IS CHARACTERISTIC OF THE SYNDROME
 - 1) Seals pulmonary fabrics
 - 2) Increased airiness pulmonary fabrics
 - 3) Obturative atelectasis
 - 4) Clusters liquids V pleural cavities
2. DISTINCTIVE FEATURES CREPTATIONS
 - 1) Listening on height inhalation
 - 2) Listening on inhale and exhale
 - 3) It's changing after cough
 - 4) Listening By all surfaces lungs
3. OBSTRUCTION AIR TRACT IS BETTER REFLECTS EVERYTHING
 - 1) Volume forced exhalation for one a second (OFV)
 - 2) Residual volume
 - 3) Diffusion ability
 - 4) Maximum ventilation lungs (MVL)

Standards correct answers:

correct answer - 1.

Module 2:

Access mode: <https://educ-amursma.ru/course/view.php?id=175>) Total number test tasks – 100.

Specify one correct answer:

1. IDENTIFICATION ON ECG EXTENSIONS PQ, EQUAL 0.28 WITH, INDICATES THE PRESENCE OF THE PATIENT
 - 1) Blockades atrioventricular conducting 1st degree
 - 2) Blockades sinoatrial conducting
 - 3) Blockades atrioventricular conducting II degree
 - 4) Blockades atrioventricular conducting III degree
2. FOR LIVER JAUNDICE CHARACTERISTIC
 - 1) Increase concentrations direct And indirect bilirubin V blood
 - 2) Absence stercobilin V kale

- 3) Increase indirect bilirubin concentrations V blood
 - 4) Absence bilirubin V urine
3. URINE COLORS "MEAT "POMOEV" CHARACTERISTIC FOR
- 1) Acute glomerulonephritis
 - 2) Chronic glomerulonephritis
 - 3) Chronic pyelonephritis
 - 4) Acute cystitis

Standards correct answers:

correct answer - 1.

4.2. Scroll practical skills, necessary For surrender credit

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| 1. Methodical interrogation sick. | 23. Percussion spleen. |
| 2. General inspection. Palpation lymphatic nodes. Inspection And palpation joints. | 24. Palpation spleen. |
| 3. Inspection chest cells. | 25. Inspection lumbar areas And suprapubic areas. |
| 4. Palpation chest cells. | 26. Percussion kidneys And urinary bubble. |
| 5. Comparative percussion lungs. | 27. Palpation kidneys And urinary bubble. |
| 6. Topographical percussion lungs. | 28. Palpation thyroid glands. |
| 7. Auscultation lungs. | 29. Reading And interpretation results spirometry. |
| 8. Inspection areas hearts. | 30. Reading And interpretation analysis sputum. |
| 9. Palpation hearts. | |
| 10. Percussion relative And absolute stupidity hearts, vascular beam. | |
| 11. Auscultation hearts. | |
| 12. Study veins And arteries. | |
| 13. Study arterial pulse. | |
| 14. Definition arterial pressure By method Korotkova. | |
| 15. Inspection cavities mouth And belly. | |
| 16. Percussion belly. | |
| 17. Superficial approximate palpation belly. | |
| 18. Methodical deep sliding palpation of the abdomen according to the method of V.P. Obratzov and N.D. Strazhesko . | |
| 19. Auscultation belly. | |
| 20. Inspection areas liver And spleen. | |
| 21. Percussion liver. Definition borders And sizes liver. | |
| 22. Palpation liver And gallbladder bubble. | |

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| <p>31. Reading And interpretation analysis pleural liquids.</p> <p>32. Conducting gastric probing. Reading And interpretation results gastric juice analysis.</p> <p>33. Conducting duodenal sounding. Reading and interpreting the results of the analysis of duodenal contents.</p> <p>34. Reading And interpretation coprological analysis.</p> <p>35. Reading And interpretation biochemical analysis blood (main indicators).</p> <p>36. Reading And interpretation analyzes urine (general, By Nechiporenko, By Zimnitsky).</p> | <p>37. Reading And interpretation clinical analysis blood.</p> <p>38. Technique records ECG.</p> <p>39. Transcript ECG. Interpretation found changes.</p> <p>40. Design stories diseases.</p> <p>41. Conducting indirect massage hearts.</p> <p>42. Conducting artificial ventilation lungs.</p> <p>43. To render urgent help at hypoglycemic coma.</p> <p>44. Define glycemia With with help glucometer .</p> <p>45. Define V urine acetone express method .</p> <p>46. Define index masses bodies, ratio volume waist To volume hips.</p> |
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4.3. Scroll questions To credit

1. Methodical interrogation sick.
2. General inspection sick. Palpation lymphatic nodes. Inspection And palpation of joints.
3. Count frequencies breathing. Definition peripheral And cavity edema.
4. Inspection chest cells.
5. Definition voice trembling.
6. Definition lower borders lungs.
7. Definition heights standing tops lungs.
8. Definition active mobility lower pulmonary edges lungs.
9. Conducting comparative percussion lungs.
10. Definition scales sonorities lungs.
11. Methodology auscultation lungs.
12. Definition bronchophony .
13. Inspection areas hearts.
14. Definition properties apical push.
15. Definition push right ventricle And cardiac push.
16. Definition epigastric pulsations And trembling.
17. Definition right borders relative stupidity hearts.
18. Definition top borders relative stupidity hearts.
19. Definition left borders relative stupidity hearts.
20. Definition borders absolute stupidity hearts.
21. Definition right contour of the heart.
22. Definition left contours hearts.
23. Definition diameter hearts (true And due).
24. Definition long hearts (true and due).

25. Determining the width vascular beam.
26. Methodology auscultation hearts.
27. Study arterial pulse.
28. Inspection cavities mouth And belly.
29. Superficial (approximate) palpation belly.
30. Palpation sigmoid intestines.
31. Palpation blind intestines.
32. Palpation transverse colon intestines.
33. Methods definitions lower border stomach.
34. Palpation big curvatures And pyloric department stomach.
35. Palpation pancreas .
36. Percussion liver.
37. Palpation liver.
38. Percussion spleen.
39. Palpation spleen.
40. Palpation kidneys. Symptom beatings
41. Palpation thyroid glands.
42. Peak flowmetry . Spirography, interpretation results.
43. Methodology conducting And types allergological samples And grade t h e
r e s u l t s obtained .
44. Grade results analyzes blood, urine.
45. Interpretation of biochemical blood tests for somatic and infectious diseases.
46. Order conducting And interpretation samples Mantu, Pirke.
47. Definition groups blood By system AVO And Rh .
48. Grade coagulograms .
49. Grade results ultrasonic scanning kidneys.
50. Grade results radiographic research organs chest cells.
51. Grade results bronchoscopy And bronchography.
52. Grade results computer tomography organs chest And abdominal cavity.
53. Methodology conducting electrocardiographic research;
54. Methodology conducting sternal punctures.
55. Methodology conducting pleural punctures.
56. Preparing the patient for X-ray, endoscopic and ultrasound examination.
57. Emergency care for hypertensive crisis, acute left ventricular failure.
58. Urgent help at hyper - And hypoglycemic coma

