Federal State Budgetary Educational Institution of Higher Education
"Privolzhsky Research Medical University"
Ministry of Health of the Russian Federation

APPROVED
Vice-Rector for Academic Affairs
_____ E.S. Bogomolova
31 August 2021

WORKING PROGRAM

Name of the academic discipline: **DEEP PHYSICAL EXAMINATION OF THE PATIENT**

Specialty: **31.05.01 GENERAL MEDICINE)**
(code, name)
Qualification: GENERAL PRACTIONER

Department: ENDOCRINOLOGY AND INTERNAL DISEASES

Mode of study: **FULL-TIME**

Labor intensity of the academic discipline: _____ (**72 academic hours**)

Nizhny Novgorod
2021

The working program has been developed in accordance with the Federal State Educational Standard for the specialty 31.05.01 GENERAL MEDICINE
approved by Order Ministry of Education and Science of the Russian Federation No. 988 dated August 12, 2020.

Developers of the working program:
Morozova Elena Pavlovna, Candidate of Medical Sciences, Associate Professor of the Department of Endocrinology and Internal Diseases, academic title Associate Professor.

The work program was reviewed and approved at a meeting of the Department of Endocrinology and Internal Medicine,
Protocol No. _9_ dated April 15, 2021

Head of the Department of Endocrinology
and Internal Medicine, Doctor of Medical Sciences, Professor _____ L.G.Strongin
(signature)

AGREED
Deputy Head of EMA ph.d. of biology _____ Lovtsova L.V.
(signature)

April 15, 2021

1. The purpose and objectives of mastering the academic discipline "Deep physical examination of the patient". (hereinafter – the discipline):

1.1. The purpose of mastering the discipline: As a result of mastering the discipline program, the graduate should form universal, general professional and professional competencies: UK - 1,4,5; GPC - 1, 4, 5.10; PC - 5, 6, 7, necessary to achieve labor functions in accordance with the Professional Standard General practitioner (district general practitioner)

Universal competencies:

Systems and critical thinking (category)

UK-1 Able to carry out a critical analysis of problem situations based on a systematic approach, develop an action strategy

Communication.

UK-4 Able to use modern communication technologies, including in a foreign language, for academic and professional interaction

Intercultural interaction

UK-5 Able to analyze and take into account the diversity of cultures in the process of intercultural interaction

General professional competencies:

Ethical and legal foundations of professional activity.

GPC-1 Able to implement moral and legal norms, ethical and deontological principles in professional activities

Diagnostic instrumental examination methods

GPC-4 Able to use medical devices prescribed by the order of medical care, as well as conduct examinations of the patient in order to establish a diagnosis

Etiology and pathogenesis

GPC-5 Able to assess morphofunctional, physiological conditions and pathological processes in the human body to solve professional problems

information literacy

GPC-10 Able to solve standard tasks of professional activity using information, bibliographic resources, biomedical terminology, information and communication technologies, taking into account the basic requirements of information security

Professional:

Examination of the patient in order to establish a diagnosis (labor function)

PC-5 Able to collect complaints, anamnesis of the patient's life and illness, conduct a complete physical examination of the patient (examination, palpation, percussion, auscultation), formulate a preliminary diagnosis and draw up a plan for laboratory and instrumental examinations of the patient

PC-6 Able to refer a patient for a laboratory, instrumental examination, for a consultation with specialist doctors in the presence of medical indications in accordance with the current procedures for the provision of medical care, on the provision of medical care, taking into account the standards of medical care, as well as refer the patient for specialized medical care assistance in inpatient conditions or in a day hospital if there are medical indications in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care

PC-7 Able to make a differential diagnosis with other diseases/conditions, including emergencies, to establish a diagnosis taking into account the current international statistical classification of diseases and related health problems (ICD)

1.2. Tasks of the discipline:

1. To form knowledge of symptoms, syndromes, history features, modern methods of clinical, laboratory and instrumental examination of patients with diseases of internal organs; etiology, pathogenesis, clinical manifestations, course features and possible complications occurring in a typical form in adult patients of various age groups; diagnostic criteria for diseases

and emergencies; methodology for making a diagnosis in accordance with the modern International Statistical Classification of Diseases ICD-10 (11)

2. To form the ability to determine the patient's status: collect anamnesis, conduct a survey of the patient and / or his relatives, conduct a physical examination of the patient (examination, palpation, percussion, auscultation, blood pressure measurement, etc.); conduct an initial examination of all body systems.

3. To form skills: evaluating the results of a physical examination of patients with diseases of the internal organs; interpretation of the results of laboratory, instrumental diagnostic methods; drawing up an algorithm for making a detailed clinical diagnosis in accordance with the modern International Statistical Classification of Diseases ICD-10 (11)

4. Provide an opportunity to gain practical experience in diagnosing diseases of internal organs in a simulation center

1.3. Requirements to the deliverables of mastering the discipline

As a result of completing the discipline, the student should

Know:

• Algorithm for examining therapeutic patients, rules and stages of examining a patient, physical methods of examining a patient;

• Anatomical, physiological, age and gender characteristics of a healthy and sick person;

• Causes of the main pathological processes in the body and mechanisms of their development; etiology, pathogenesis and preventive measures of the most common diseases;

• The main clinical symptoms and syndromes of diseases of internal organs, emergency conditions in patients with various therapeutic diseases, taking into account their course;

• Symptomatology of the most common diseases of internal organs, clinical picture, course features and possible complications of the most common diseases occurring in a typical form in different age groups;

• Classical methods of diagnostics, their diagnostic capabilities in the examination of a patient with a therapeutic profile, modern methods of clinical, laboratory, instrumental examination of patients (immunological, endoscopic, methods of radiation diagnostics);

• Diagnosis methodology, diagnostic criteria. Principles of making a clinical diagnosis in a therapeutic patient in accordance with the modern International Statistical Classification of Diseases ICD-10 (11);

• The structure of the medical history and the rules for its completion and maintenance;

• Lexical minimum of a general and terminological nature, basic medical terminology in Latin and foreign languages;

• Principles of ethics and deontology, rules of conduct for a doctor with colleagues, with middle and junior medical staff, with a patient, with his relatives;

• Factors shaping human health; diseases associated with the adverse effects of climatic and social factors.

Be able to:

• Conduct a survey of the patient or his relatives, collect an anamnesis of life and history of the development of the disease in order to determine the status of the patient and obtain complete information about the disease, establishing the possible causes of its occurrence in typical cases;

• Assess the factors affecting the patient's physical and psychological health: professional, environmental, cultural, ethnic, religious, individual, family, social risk factors;

• Conduct a clinical examination of patients using physical methods (examination, percussion, palpation, auscultation, measurement of blood pressure, respiratory rate, pulse) and identify objective signs of the disease;

• Conduct primary examination of systems and organs of the patient;

• Identify the main pathological symptoms and syndromes, emergency conditions in patients with various therapeutic diseases, taking into account their course and substantiate them;

• Establish, substantiate and formulate a clinical diagnosis of the most common diseases of the internal organs, occurring in a typical form in accordance with the International Classification of Diseases ICD 10 (11);

• Assess the patient's condition and priorities for deciding on the need to provide him with medical care: critical condition, condition with pain syndrome, with a chronic disease, with an infectious disease, disability, geriatric problems;

• Plan the volume of additional laboratory and instrumental studies in accordance with the prognosis of the disease, to clarify the diagnosis and obtain a reliable result;

• Decipher typical ECG in 12 leads of a healthy person, as well as patients with the most frequent rhythm and conduction disorders, with ventricular myocardial hypertrophy, acute myocardial infarction and chronic forms of coronary artery disease;

• Interpret spirogram for obstructive and restrictive types of respiratory failure;

• Assess the phonocardiogram for mitral, aortic and tricuspid defects;

• Evaluate the results of a general blood test, urine, sputum, feces, pleural effusion, as well as a biochemical blood test;

• Determine the changes in the main pulmonary syndromes from the radiograph of the lungs;

• Evaluate the results of ultrasound examination of internal organs and the results of echocardiography;

• Present the results of the examination of the patient in the form of a medical history with the rationale for the preliminary diagnosis, the design of the temperature sheet and the preparation of a plan for further examination of the patient. Report the patient's medical history at a medical conference;

• Work with scientific and medical literature;

• Publicly make a report, report, lead a discussion;

• Conduct training of patients and their relatives in the basic hygienic measures of a health-improving nature, the skills of self-control of the main physiological indicators, which contribute to the preservation and promotion of health, and the prevention of diseases.

• Carry out their activities taking into account the moral, ethical and legal norms accepted in society, keep medical secrets;

• Build and maintain working relationships with other team members; protect the rights of the doctor and the patient;

• Work with texts of professional content in a foreign language, use at least 900 terminological units and terminological elements;

Possess:

• Application of medical knowledge in practice;

• Communication with medical staff, patients and their relatives, taking into account ethnic, confessional and cultural differences, ethical and deontological aspects of medical practice;

• Work with patients to inform them and their relatives in accordance with the requirements of the rules of "informed consent";

• Application of foreign languages to the extent necessary for communication and obtaining information from foreign sources, reading and writing skills in Latin for clinical and pharmaceutical terms and prescriptions;

• Work with modern medical scientific literature and legal documents;

• Collaboration with colleagues from related specialties;

• Carrying out a physical general clinical examination of the patient (survey, examination, palpation, percussion, auscultation, measurement of blood pressure, assessment of the characteristics of the pulse, respiration, ECG);

• Filling in the medical history of an inpatient;

• Carrying out diagnostic measures for pathological symptoms and syndromes, emergency conditions in patients with various therapeutic diseases, taking into account their course;

• Interpretation of the results of laboratory, instrumental studies and methods of radiation diagnostics;

• Making a clinical diagnosis in a therapeutic patient, taking into account generally accepted requirements and the International Classification of Diseases ICD10 (11);

• Development of a plan for therapeutic and preventive measures, taking into account the development and course of the disease;

• Work on training patients and their relatives in the basic hygiene measures of a health-improving nature, the skills of self-control of the main physiological indicators, which contribute to the preservation and promotion of health, disease prevention.;

• Work on a personal computer using modern statistical programs for medical statistics and analysis.

2. Position of the academic discipline in the structure of the General Educational Program of Higher Education (GEP HE) of the organization.

2.1. The discipline "Deep physical examination of the patient" refers to the educational cycle of Block 1 Disciplines (modules), variable part, discipline of choice B1.C.DV.1

The discipline is taught in __5__ semester/__3_ year of study.

2.2. The following knowledge, skills and abilities formed by previous academic disciplines are required for mastering the discipline:

1. physics,
2.mathematics,
3.chemistry,
4.bioorganic chemistry,
5. biology,
6.anatomy,
7.nursing,
8. biochemistry,
9.clinical aspects of biochemistry,
11.normal physiology,
12.methods for studying physiological functions,
13. pathological physiology ,
14. clinical pathophysiology,
15.pathological anatomy,
16. clinical pathological anatomy,
17.pharmacology,
18. first aid,
19.educational practice - patient care of a therapeutic profile.

2.3. Mastering the discipline is required for forming the following knowledge, skills and abilities for subsequent academic disciplines:

1. Faculty Therapy,
2.Occupational Diseases,
3. Polyclinic Therapy,
4.Hospital Therapy,
5. Endocrinology,
6. Infectious Diseases,
7. Rheumatology,
8.Gastroenterology,

9.Basics of Emergency Care,
10.Work Practice – Physician's Assistant,
11.Work Practice – Physician's Assistant of an outpatient clinic.

3. Deliverables of mastering the academic discipline and metrics of competence acquisition

Mastering the discipline aims at acquiring the following universal (UC) or/and general professional (GPC) or/and professional (PC) competencies

№	Competence code	The content of the competence (or its part)	Code and name of the competence acquisition metric		As a result of mastering the discipline, the students should:		
					know	be able to	possess
1.	UC-1	Able to carry out a critical analysis of problem situations based on a systematic approach, develop an action strategy	IUK 1.1 Knows: methods of critical analysis and evaluation of modern scientific achievements; basic principles of critical analysis IUK 1.2 Able to: gain new knowledge based on analysis, synthesis, etc.; collect data on complex scientific problems related to the professional field; search for information and solutions based on action, experiment and experience IUK 1.3 Has practical		methods of critical analysis and evaluation of modern scientific achievements; basic principles of critical analysis	receive new knowledge based on analysis, synthesis, etc.; collect data on complex scientific problems related to the professional field; search for information and solutions based on action, experiment and experience	research of the problem of professional activity using analysis, synthesis and other methods of intellectual activity; developing an action strategy to solve professional problems

			experience: researching the problem of professional activity using analysis, synthesis and other methods of intellectual activity; developing an action strategy to solve professional problems				
2.	UC-4	Able to apply modern communication technologies, including in a foreign language(s), for academic and professional interaction	IUK 4.1 Knows: the basics of oral and written communication in Russian and foreign languages, functional styles of the native language, requirements for business communication, modern means of information and communication technologies IUK 4.2 Knows how to: express their thoughts in Russian and foreign languages in business		basics of oral and written communication in Russian and foreign languages, functional styles of the native language, requirements for business communication, modern means of information and communication technologies	express your thoughts in Russian and foreign languages in business communication	skills in compiling texts in Russian and foreign languages related to professional activities; experience in translating medical texts from a foreign language into Russian; experience of speaking Russian and foreign languages

			communication IUK 4.3 Has practical experience in: compiling texts in Russian and foreign languages related to professional activities; experience in translating medical texts from a foreign language into Russian; experience of speaking Russian and foreign languages				
3.	UC-5	Able to analyze and take into account the diversity of cultures in the process of intercultural interaction	IUK5.1 Knows: the main categories of philosophy, the laws of historical development, the basics of intercultural communication; basic concepts of human interaction in an organization IUK5.2 Knows how to: competently, clearly present professional information		the main categories of philosophy, the laws of historical development, the foundations of intercultural communication; basic concepts of human interaction in an organization	competently, accessible to express professional information in the process of intercultural interaction; observe ethical standards and human rights; analyze the features of social interaction, taking into account national, ethno-cultural, confessional characteristics	skills of productive interaction in a professional environment, taking into account national, ethno-cultural, confessional characteristics; overcoming communicative, educational, ethnic, confessional and other barriers in the process of intercultural interaction

			in the process of intercultural interaction; observe ethical standards and human rights; analyze the features of social interaction, taking into account national, ethno-cultural, confessional characteristics IUK 5.3 Has practical experience: productive interaction in a professional environment, taking into account national, ethno-cultural, confessional characteristics; overcoming communicative, educational, ethnic, confessional and other barriers in the process of intercultural interaction				
4.	GPC-1	Able to implement moral and	IOPC 1.1 Knows: basics of		foundations of medical ethics and	apply ethical standards and principles of	practical experience: solving

		legal norms, ethical and deontological principles in professional activities	medical ethics and deontology; fundamentals of legislation in the field of healthcare; legal aspects of medical practice IOPC 1.2 Is able to: apply ethical norms and principles of behavior of a medical worker in the performance of their professional duties; knowledge of modern legislation in the field of healthcare in solving problems of professional activity; apply the rules and norms of interaction between a doctor and colleagues and patients (their legal representatives) IOPC 1.3 Has practical experience: solving standard problems of professional activity		deontology; fundamentals of legislation in the field of healthcare; legal aspects of medical practice	behavior of a medical worker in the performance of their professional duties; knowledge of modern legislation in the field of healthcare in solving problems of professional activity; apply the rules and norms of interaction between a doctor and colleagues and patients (their legal representatives)	standard problems of professional activity based on ethical norms and deontological principles when interacting with colleagues and patients (their legal representatives), knowledge of the legal aspects of medical practice

			based on ethical norms and deontological principles when interacting with colleagues and patients (their legal representatives), knowledge of the legal aspects of medical practice				
5.	GPC-4	Able to use medical devices provided for by the order of medical care, as well as conduct examinations of the patient in order to establish a diagnosis	IOTC 4.1 Knows the methodology for collecting anamnesis of life and diseases, complaints from patients (their legal representatives); method of examination and physical examination; clinical picture, diagnostic methods of the most common diseases; methods of laboratory and instrumental studies for assessing the state of health, medical		the methodology for collecting an anamnesis of life and diseases, complaints from patients (their legal representatives); methods of examination and physical examination; clinical picture, diagnostic methods for the most common diseases; methods of laboratory and instrumental studies for assessing the state of health, medical indications for conducting studies, rules for interpreting their results; international statistical classification of	collect complaints, anamnesis of life and disease in patients (their legal representatives), identify risk factors and causes of the development of diseases; apply methods of examination and physical examination of patients; interpret the results of the examination and physical examination of patients; diagnose the most common pathology in patients; identify risk factors for cancer; formulate a	collecting complaints, anamnesis of life and disease in patients (their legal representatives), identifying risk factors and causes of the development of diseases; examination and physical examination of patients; diagnosis of the most common diseases; identification of risk factors for major cancers; formulating a preliminary diagnosis, drawing up a plan for

			indications for conducting studies, rules for interpreting their results; international statistical classification of diseases and related health problems (ICD); conditions requiring emergency medical care; the procedure for the use of medical devices in accordance with the current procedures for the provision of medical, clinical recommendations (treatment protocols) on the provision of medical care, care, taking into account the standards of medical care IOPC 4.2 Is able to: collect complaints, anamnesis of life and disease from patients		diseases and related health problems (ICD); conditions requiring emergency medical care; the procedure for the use of medical devices in accordance with the current procedures for the provision of medical, clinical recommendations (treatment protocols) on the provision of medical care, care, taking into account the standards of medical care	preliminary diagnosis, draw up a plan for conducting laboratory, instrumental and additional studies in patients in accordance with the procedures for providing medical care, clinical recommendations, taking into account the standards of medical care; refer patients for laboratory, instrumental and additional studies in accordance with the current procedures for the provision of medical care, clinical recommendations, taking into account the standards of medical care; refer patients for consultations to specialist doctors in accordance with the procedures for providing medical care, clinical recommendati	instrumental, laboratory, additional studies, consultations with specialist doctors; referral of patients for instrumental, laboratory, additional studies, consultations of medical specialists in accordance with the current procedures for the provision of medical care, clinical recommendations, taking into account the standards of medical care; interpretation of data from additional (laboratory and instrumental) examinations of patients; making a preliminary diagnosis in accordance with the international statistical classification of diseases and related health problems

			(their legal representatives), identify risk factors and causes of diseases; apply methods of examination and physical examination of patients; interpret the results of the examination and physical examination of patients; diagnose the most common pathology in patients; identify risk factors for cancer; formulate a preliminary diagnosis, draw up a plan for conducting laboratory, instrumental and additional studies in patients in accordance with the procedures for providing medical care, clinical recommendations, taking into account the standards of medical care; refer patients for			ons, taking into account the standards of medical care; interpret and analyze the results of consultations with patients' specialists; interpret and analyze the results of basic (clinical) and additional (laboratory, instrumental) examination methods; to carry out differential diagnostics of diseases in patients; identify clinical signs of sudden acute diseases, conditions, exacerbations of chronic diseases without obvious signs of a threat to life, requiring emergency medical care; apply medical devices in accordance with the current procedures for the provision of medical, clinical recommendations (treatment	(ICD); carrying out differential diagnostics of diseases; recognition of conditions arising from sudden acute diseases, exacerbation of chronic diseases without obvious signs of a threat to the patient's life and requiring emergency medical care; the use of medical devices in accordance with the current procedures for the provision of medical, clinical recommendations (treatment protocols) on the provision of medical care, assistance taking into account the standards of medical care

			laboratory, instrumental and additional studies in accordance with the current procedures for the provision of medical care, clinical recommendations, taking into account the standards of medical care; refer patients for consultations to specialist doctors in accordance with the procedures for providing medical care, clinical recommendations, taking into account the standards of medical care; interpret and analyze the results of consultations with patients' specialists; interpret and analyze the results of basic (clinical) and additional (laboratory,			protocols) on the provision of medical care, care, taking into account the standards of medical care	

			instrumental) examination methods; to carry out differential diagnostics of diseases in patients; identify clinical signs of sudden acute diseases, conditions, exacerbation s of chronic diseases without obvious signs of a threat to life, requiring emergency medical care; apply medical devices in accordance with the current procedures for the provision of medical, clinical recommenda tions (treatment protocols) on the provision of medical care, care, taking into account the standards of medical care IDOPK 4.3 Has practical experience in: collecting				

			complaints, anamnesis of life and disease in patients (their legal representatives), identifying risk factors and causes of diseases; examination and physical examination of patients; diagnosis of the most common diseases; identification of risk factors for major cancers; formulating a preliminary diagnosis, drawing up a plan for instrumental, laboratory, additional studies, consultations with specialist doctors; referral of patients for instrumental, laboratory, additional studies, consultations of medical specialists in accordance with the current procedures				

			for the provision of medical care, clinical recommendations, taking into account the standards of medical care; interpretation of data from additional (laboratory and instrumental) examinations of patients; making a preliminary diagnosis in accordance with the international statistical classification of diseases and related health problems (ICD); carrying out differential diagnostics of diseases; recognition of conditions arising from sudden acute diseases, exacerbation of chronic diseases without obvious signs of a threat to the patient's life and requiring				

			emergency medical care; the use of medical devices in accordance with the current procedures for the provision of medical, clinical recommendations (treatment protocols) on the provision of medical care, assistance taking into account the standards of medical care				
6.	GPC-5	Able to assess morphofunctional, physiological conditions and pathological processes in the human body to solve professional problems	IOPC-5.1 Knows: anatomy, histology, embryology, topographic anatomy, physiology, pathological anatomy and physiology of human organs and systems IOPC 5.2 Able to: evaluate the basic morphofunctional data, physiological conditions and pathological processes in the human		anatomy, histology, embryology, topographic anatomy, physiology, pathological anatomy and physiology of human organs and systems	evaluate the main morphofunctional data, physiological conditions and pathological processes in the human body	Has practical experience: assessment of basic morphological and functional data, physiological conditions and pathological processes in the human body in solving professional problems

			body IOPC5. 3. Has practical experience: assessment of basic morphological and functional data, physiological conditions and pathological processes in the human body when solving professional problems				
7.	GPC-10	Able to solve standard tasks of professional activity using information, bibliographic resources, medical and biological terminology, information and communication technologies, taking into account the basic requirements of information security	IOPC10. 1.Knows: the possibilities of reference and information systems and professional databases; methods of information search, information and communication technologies; modern medical and biological terminology; basics of information security in professional activity IOPC10. 2. Knows how to: apply modern information		the possibilities of reference and information systems and professional databases; methods of information search, information and communication technologies; modern medical and biological terminology; basics of information security in professional activity	apply modern information and communication technologies to solve the problems of professional activity; to carry out an effective search for information necessary to solve the problems of professional activity using reference systems and professional databases; use modern medical and biological terminology; master and apply modern information and communicatio	the use of modern information and bibliographic resources, the use of special software and automated information systems to solve standard tasks of professional activity, taking into account the basic requirements of information security

			and communicati on technologies to solve the problems of professional activity; to carry out an effective search for information necessary to solve the problems of professional activity using reference systems and professional databases; use modern medical and biological terminology; master and apply modern information and communicati on technologies in professional activities, taking into account the basic requirements of information security IOPC 10 3. Has practical experience in: using modern information and bibliographi			n technologies in professional activities, taking into account the basic requirements of information security and	

			c resources, using special software and automated information systems to solve standard problems of professional activity, taking into account the basic requirements				
8.	PC- 5	Able to collect complaints, anamnesis of the patient's life and illness, conduct a complete physical examination of the patient (examinatio n, palpation, percussion, auscultation) , formulate a preliminary diagnosis and draw up a plan for laboratory and instrumental examination s of the patient	IPC 5.1 Knows: The legislation of the Russian Federation in the field of health care, regulations and other documents that determine the activities of medical organization s and medical workers; method of collecting complaints, anamnesis of life and disease of the patient; a technique for a complete physical examination of the patient (examinatio n, palpation, percussion, auscultation)		Legislation of the Russian Federation in the field of health protection, regulatory legal acts and other documents that determine the activities of medical organizations and medical workers; method of collecting complaints, anamnesis of life and illness of the patient; a technique for a complete physical examination of the patient (examination, palpation, percussion, auscultation); etiology, pathogenesis and pathomorpholo gy, clinical picture, differential	to collect complaints, anamnesis of life and disease of the patient and analyze the information received; conduct a complete physical examination of the patient (examination, palpation, percussion, auscultation) and interpret its results; determine the sequence of volume, content and sequence of diagnostic measures	collection of complaints, anamnesis of life and illness of the patient and analysis of the information received; conducting a complete physical examination of the patient (examination , palpation, percussion, auscultation) and interpreting its results; determining the order of volume, content and sequence of diagnostic measures

			; etiology, pathogenesis and pathomorphology, clinical picture, differential diagnosis, course features, complications and outcomes of diseases of internal organs; patterns of functioning of a healthy human body and mechanisms for ensuring health from the standpoint of the theory of functional systems; features of the regulation of the functional systems of the human body in pathological processes; methods of laboratory and instrumental studies for assessing the state of health, medical indications for conducting		diagnosis, course features, complications and outcomes of diseases of internal organs; patterns of functioning of a healthy human body and mechanisms for ensuring health from the standpoint of the theory of functional systems; features of the regulation of the functional systems of the human body in pathological processes; methods of laboratory and instrumental studies for assessing the state of health, medical indications for conducting studies, rules for interpreting their results		

			studies, rules for interpreting their results IPC 5.2 Able to: collect complaints, anamnesis of life and disease of the patient and analyze the information received; conduct a complete physical examination of the patient (examinatio n, palpation, percussion, auscultation) and interpret its results; determine the sequence of volume, content and sequence of diagnostic measures				
9.	PC- 6	Able to refer the patient for laboratory, instrumental examination, for a consultation with specialist doctors if there are medical indications in accordance with the current	IPC 6 1. Knows: general issues of organizing medical care for the population, methods of laboratory and instrumental studies to assess the state of health, medical indications		general issues of organizing medical care for the population, methods of laboratory and instrumental studies for assessing the state of health, medical indications for conducting studies, rules for interpreting their results; procedures for	justify the need and scope of laboratory examination of the patient; justify the need and scope of instrumental examination of the patient; justify the need to refer the patient for consultations with specialist doctors;	substantiatio n of the need and scope of laboratory examination of the patient; substantiatio n of the need and scope of instrumental examination of the patient; substantiatio n of the need to refer the patient for

		procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care, and also refer the patient for providing specialized medical care in an inpatient setting or in a day hospital if there are medical indications in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care	for conducting studies, rules for interpreting their results; procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, standards of medical care IPC 6 2. Able to: justify the need and scope of laboratory examination of the patient; justify the need and scope of instrumental examination of the patient; justify the need to refer the patient for consultations with specialist doctors; determine medical indications for the provision of emergency, including		the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, standards of medical care	determine medical indications for the provision of emergency, including emergency specialized, medical care	consultations to specialist doctors; determination of medical indications for the provision of emergency, including emergency specialized, medical care

			emergency specialized, medical care				
1(	PC- 7	Able to make a differential diagnosis with other diseases/conditions, including emergencies, to establish a diagnosis taking into account the current international statistical classification of diseases and related health problems (ICD)	IPC 7.1 Knows: etiology, pathogenesis and pathomorphology, clinical picture, differential diagnosis, course features, complications and outcomes of diseases of internal organs; methods of laboratory and instrumental studies for assessing the state of health, medical indications for conducting studies, rules for interpreting their results; ICD IPC 7.2 Able to: analyze the results of the patient's examination, if necessary, justify and plan the scope of additional studies; interpret the results of		etiology, pathogenesis and pathomorphology, clinical picture, differential diagnosis, course features, complications and outcomes of diseases of internal organs; methods of laboratory and instrumental studies for assessing the state of health, medical indications for conducting studies, rules for interpreting their results; ICD	analyze the results of the patient's examination, if necessary, justify and plan the scope of additional studies; interpret the results of collecting information about the patient's disease; interpret the data obtained during the laboratory examination of the patient; interpret the data obtained during the instrumental examination of the patient; interpret the data obtained during consultations of the patient by medical specialists; to carry out differential diagnostics of diseases of internal organs from other diseases	analysis of the obtained results of the examination of the patient, if necessary, justification and planning of the volume of additional studies; interpreting the results of collecting information about the patient's disease; interpretation of data obtained during the laboratory examination of the patient; interpretation of data obtained during the instrumental examination of the patient; interpret data obtained during consultations of the patient by medical specialists; differential diagnosis of diseases of internal organs from other

			collecting information about the patient's disease; interpret the data obtained during the laboratory examination of the patient; interpret the data obtained during the instrumental examination of the patient; interpret the data obtained during consultations of the patient by medical specialists; to carry out differential diagnostics of diseases of internal organs from other diseases				diseases

4. Sections of the academic discipline and competencies that are formed when mastering them

№	Competence code	Section name of the discipline	The content of the section in teaching units
1	UK-1,4,5 GPC-1,4,5,10 PC-5,6.7	Physical examination of the patient and methods of laboratory and instrumental research in diseases of the respiratory	Features of the physical examination of the patient with diseases of the respiratory system. Possibilities of inspection, palpation, percussion, auscultation in the diagnosis of diseases of the bronchopulmonary apparatus. Features of percussion and auscultation of patients with combined pathology. Methods of laboratory, instrumental and functional diagnostics in

		system	pulmonology. The function of external respiration. Spirometry. Obstructive and restrictive types of ventilation disorders. Peakflowmetry. Bodyplethysmography. Study of the diffusion capacity of the lungs. Pulse oscillometry Methods of radiation diagnostics.
2	UK-1,4,5 GPC-1,4,5,10 PC-5,6.7	Physical examination of the patient and methods of laboratory and instrumental research in diseases of the heart and blood vessels	Features of the physical examination of the patient with diseases of the cardiovascular system. Possibilities of inspection, palpation, percussion, auscultation in the diagnosis of diseases of the heart and vessels of the apparatus. Features of percussion and auscultation of the heart in diseases of the valvular apparatus. Heart murmurs, classification. Noise characteristics. Extracardiac and intracardiac murmurs. Organic and functional noises. Systolic and diastolic murmurs. Differences between organic and functional heart murmurs. Phonocardiogram in mitral and aortic heart disease. The value of methods of functional diagnostics in cardiology. ECG. ECHO-KG. load tests. pharmacological tests. The value of methods of radiation diagnostics in cardiology. X-ray or X-ray of the chest. Ultrasound examination of the heart and blood vessels. Angiocardiography. Nuclear magnetic resonance imaging of the heart and large vessels. Radionuclide study of the contractility of the heart. perfusion scintigraphy.
3	UK-1,4,5 GPC-1,4,5,10 PC-5,6.7	Physical examination of the patient and methods of laboratory and instrumental research in diseases of the digestive system	Features of the physical examination of the patient with diseases of the digestive system. Possibilities of inspection, palpation, percussion, auscultation in the diagnosis of diseases of the gastrointestinal tract, liver, pancreas. Modern functional and instrumental research methods in gastroenterology. The study of gastric juice, pH-metry, duodenal sounding. Methods of radiation diagnostics. Endoscopic methods. Possibilities of laboratory methods in gastroenterology.
4	UK-1,4,5 GPC-1,4,5,10 PC-5,6.7	Physical examination of the patient and methods of laboratory and instrumental research in diseases of the urinary system	Features of the physical examination of the patient with diseases of the kidneys and urinary system. Possibilities of inspection, palpation, percussion, auscultation in the diagnosis of kidney and urinary diseases. Modern functional and instrumental research methods in nephrology. Urine study. Methods of radiation diagnostics. Endoscopic methods. Possibilities of functional laboratory methods in nephrology. Assessment of glomerular filtration rate and tubular reabsorption.

5. Volume of the academic discipline and types of academic work

Type of educational work	Labor intensity		Labor intensity (AH) in semesters		
	volume in credit units (CU)	volume in academic hours (AH)	4	5	6
Classroom work, including	1,22	44	-	44	
Lectures (L)	0,28	10	-	10	
Laboratory practicum (LP)*	-	-	-	-	-
Practicals (P)	-	-	-	-	-
Seminars (S)	0,94	34	-	34	-
Student's individual work (SIW)	0.78	28	-	28	-
Mid-term assessment					
credit/exam *(specify the type)*	-	- credit		- credit	
TOTAL LABOR INTENSITY	2	72	-	72	

6. Content of the academic discipline

6.1. Sections of the discipline and types of academic work

№	Name of the section of the academic discipline	Types of academic work* (in AH)					
		L	LP	P	S	SIW	total
1	Physical examination of the patient and methods of laboratory and instrumental research in diseases of the respiratory system	2	-	9	-	8	CPC 17
2	Physical examination of the patient and methods of laboratory and instrumental research in diseases of the heart and blood vessels	4	-	12	-	10	28
3	Physical examination of the patient and methods of laboratory and instrumental research in diseases of the digestive system	2	-	8	-	6	16
4	Physical examination of the patient and methods of laboratory and instrumental research in diseases of the urinary system	2	-	5	-	4	11

* - L – lectures; LP – laboratory practicum; P – practicals; S – seminars; SIW – student's individual work.

6.2. Thematic schedule of educational work types:

6.2.1 Thematic schedule of lectures

№	Name of lecture topics	Volume in AH		
		semester 4	semester 5	semester 6
1	Functional research methods in pulmonology. The function of external respiration. Obstructive and restrictive types of ventilation disorders		2	
2	Features of auscultation of the heart and blood vessels in diseases of the valvular apparatus of the heart		2	
3	Functional research methods in cardiology. Opportunities and benefits.		2	
4	Modern functional and instrumental research methods in diseases of the digestive system		2	
5	Modern functional and instrumental research methods in diseases of the urinary system		2	
	TOTAL (total - AH)		10	

6.2.2. The thematic plan of practicals

№	Name of laboratory practicums	Volume in AH		
		semester 4	semester 5	semester 6

1	Features of the physical examination of a patient with diseases of the respiratory system. The value of examination methods in the diagnosis. Practical work on the development of practical skills of examination, palpation, percussion and auscultation in lung diseases.		4	
2	Possibilities of modern functional research methods in pulmonology. The function of external respiration. Spirometry. Obstructive and restrictive types of ventilation disorders. Peakflowmetry. Bodyplethysmography. Study of the diffusion capacity of the lungs. Pulse oscillometry. Practical work. Interpretation of research results.		5	
3	Features of the physical examination of a patient with diseases of the cardiovascular system. The value of examination methods in the diagnosis. Practical work on the development of practical skills of examination, palpation, percussion and auscultation in cardiovascular diseases		5	
4	Possibilities of modern functional research methods in cardiology. Electrocardiography. Tests with physical activity. pharmacological tests. Phonocardiography. Methods of radiation diagnostics. Practical work. Interpretation of research results.		7	
5	Features of an objective examination of a patient with diseases of the digestive system. The value of methods of physical examination and modern functional and instrumental methods of research in the diagnosis. Practical work on the development of practical skills of examination, palpation, percussion and auscultation, interpretation of the results of the study		8	
6	Features of an objective examination of a patient with diseases of the kidneys and urinary system. The value of methods of physical examination and modern functional and instrumental methods of research in the diagnosis. Practical work on the development of practical skills of examination, palpation, percussion and auscultation, interpretation of the results of the study.		5	
	TOTAL (total - AH)		34	

6.2.3. Types and topics of student's individual work (SIW)

№	Types and topics of SIW	Volume in AH		
		semester 4	semester 5	semester 6
1	Work with lecture material, review and study of literature, work with electronic educational resources on the topic: Features of a physical examination of a patient with diseases of the respiratory system. The value of examination methods in the diagnosis. Work with electronic educational programs on lung auscultation, preparation for clinical practical classes;		4	

	answers to control questions; preparation for computer testing, classes in a multi-profile accreditation and simulation center, practical training in percussion, palpation, auscultation skills.			
2	Work with lecture material, review and study of literature, work with electronic educational resources on the topic: Possibilities of modern functional research methods in pulmonology. The function of external respiration. Spirometry. Obstructive and restrictive types of ventilation disorders. Peakflowmetry. Bodyplethysmography. Study of the diffusion capacity of the lungs. Pulse oscillometry. Work with electronic educational programs on lung auscultation, interpretation of radiographs, spirometry results, preparation for clinical practical classes; answers to control questions; preparation for computer testing, solving situational professional problems.		4	
3	Work with lecture material, study of lectures and educational literature on the topic: Features of a physical examination of a patient with diseases of the cardiovascular system. The value of examination methods in the diagnosis. Practical work on developing practical skills in palpation, percussion and auscultation, skills in measuring blood pressure, pulse palpation, apex beat, determining their characteristics, percussion of the borders of the heart, auscultation of heart sounds and murmurs, work with electronic educational programs on heart auscultation, classes in a multidisciplinary accreditation simulation center.		5	
4	Work with lecture material, study of lectures and educational literature on the topic: Possibilities of modern functional research methods in cardiology. Electrocardiography. Tests with physical activity. pharmacological tests. Phonocardiography. Methods of radiation diagnostics. Practical work. Interpretation of the results of ECG, FCG, ECHO-KG, classes in a multidisciplinary accreditation and simulation center.		5	
5	Work with lecture material, study of lectures and educational literature on the topic: Features of an objective examination of a patient with diseases of the digestive system. The value of methods of physical examination and modern functional and instrumental methods of research in the diagnosis. Practical work on the development of practical skills of palpation, percussion and auscultation, interpretation of the results of the study.		6	
6	Work with lecture material, review and study of literature, work with electronic educational resources on the topic: Features of an objective examination of a patient with diseases of the kidneys and urinary system. The value of methods of physical examination and modern functional and instrumental methods of research in the diagnosis. Practical work on the development of practical skills of palpation, percussion and auscultation, interpretation of the results of the study.		4	
	TOTAL (total - AH)		28	

In the process of teaching the discipline, the following educational technologies are used:
1. Informational lecture, visualization lecture, problematic lecture.
2. Clinical practical exercises at the bedside, requiring the use of practical skills, seminars, discussions, clinical reviews, practical exercises based on the case method, computer simulation.
3. The use of gaming technologies with the recreation of situations through educational, business and role-playing games.
Only 70% of interactive classes from the volume of classroom work.
Examples of educational technologies in an interactive form:
1. Practical work on developing the skills of palpation, percussion, auscultation.
2. Collective discussion of the anamnesis, symptoms, objective signs of the patient's disease based on the results of practical work at the patient's bedside - a seminar-discussion.
3. Student clinical conference.

7. Types of assessment formats for ongoing monitoring and mid-term assessment

№	Semester No.	Types of control		Name of section of academic discipline	Competence codes	Assessment formats		
						types	number of test questions	number of test task options
1.	5	Current monitoring	Control of mastering the topic	Physical examination of the patient and methods of laboratory and instrumental research in diseases of the respiratory system Main syndromes and diseases of the respiratory system		Test tasks	10	Unlimited (computer tested)
			Monitoring the student's individual work			Testing practical skills	5	10
2.	5	Current monitoring	Контроль самостоятельной работы студента, контроль освоения темы, контроль освоения практических навыков	Physical examination of the patient and methods of laboratory and instrumental research in diseases of the heart and blood vessels		Test tasks	10	Unlimited
						Practical tasks for interpreting research results	1	Corresponds to the number of students in the group
						Testing practical skills	5	10

3	5	Current monitoring	Control of the student's independent work, control of the development of the topic, control of the development of practical skills	Physical examination of the patient and methods of laboratory and instrumental research in diseases of the digestive system		Test tasks	20	Unlimited
						Individual survey	1	15
						Testing practical skills	10	10
						Practical tasks for interpreting research results	1	15
						test questions	3	15
4	5	Current monitoring	Control of the student's independent work, control of the development of the topic, control of the development of practical skills	Physical examination of the patient and methods of laboratory and instrumental research in diseases of the urinary system		Test tasks	10	Unlimited
						Individual survey	1	15
						Practical tasks for interpreting research results	1	Corresponds to the number of students in the group
						Testing practical skills	8	10
						Situational tasks	1	15
						test questions	5	15
5	5	Mid-term assessment	Credit	All sections of the discipline		test questions	3	35

						Practical tasks for interpreting research results	1	30

8. Educational, methodological and informational support for mastering the academic discipline (printed, electronic publications, the Internet and other network resources)

8.1. Key literature references

№	Name according to bibliographic requirements	Number of copies	
		at the department	in the library
1.	Strongin L. G. Guide to case report writing, history taking and physical examination : textbook for the international english speaking medical students. Publishing House of NNSMA, 2014. - 64 p.	10	10
2	Bickley Lynn S. Bates' pocket guide to physical examination and history taking. Lippincott, 2013.	1	70
3.	Грицевская И.М. Учимся слушать и понимать больного: учебное пособие по изучению русского языка как иностранного в рамках клинической практики для иностранных студентов-медиков. Изд-во НижГМА, 2014. – 150 с.	1	155
4.	Botova S. N. Practical aspects of spirometry : textbook for the overseas medical students. Publishing House of NNSMA, 2015.- 56 p.	3	5
5.	Strongin L. G. Interpretation of ECG data : textbook for the international english speaking medical students. Publishing House of NNSMA, 2014. - 68 p.	5	15
6.	Strongin L. G. Diabetes mellitus : textbook for the international english speaking medical students. Publishing House of NNSMA, 2015.- 100 p.	2	30
7.	P. Kumar, M. Clark..Clinical medicine / edited by – 8th ed. – Edinburgh : Saunders, 2012. – 1286 p.	1	50
8.	Longo Dan l. Harrison's principles of internal medicine. V.1. McGraw-Hill, 2012	-	15
9.	Longo Dan l. Harrison's principles of internal medicine. V.2. McGraw-Hil, 2012	-	15

8.2. Further reading

№	Name according to bibliographic requirements	Number of copies	
		at the department	in the library
1.	Clinical history taking and examination.- Welsby Philip D. Churchill Livingstone,2002– 158p.	1	1
2	Щукин Ю.В. Пропедевтика внутренних болезней Методы исследования пациента: учебное пособие. Ростов-на-Дону: Феникс, 2014. – 287с.		1
3.	Internal diseases propedeutics : textbook. V. T. Ivashkin и A.V.Okhlobystin, Moscow : GEOTAR-	1	130

	Media, 2006 - 176 с.		
4.	Swash M. Hutchison´s Clinical Methods, – 21st ed. – Edinburgh : W.B. Saunders, 2002. – 501 с.	1	41
5.	J. R. Hampton The ECG made easy – 7th ed. – Edinburgh: Churchill Livingstone, 2008. – 179 с.	1	14
6.	V. Kumar, A. K. Abbas Robbins and Cotran pathologic basis of disease edited by Vinay Kumar и Abul K. Abbas . 7th ed.- Elsevier Saunders, 2005. (2005) - 1525 с. 1 CD-Rom.	-	15
7.	N. A. Boon, N. R. Colledge, B. R. Walker, J. A. A. Hunter. Davidson's principles and practice of medicine / edited by – 20th ed. – Edinburgh : Churchill Livingstone, 2006. – 1381 с.	-	4
8.	Мухин Н.А. Пропедевтика внутренних болезней : учебник с приложением на компакт- диске – 2-е изд. доп. и перераб. – М. : ГЭОТАР-Медиа, 2009. – 848 с.	1	98
9.	Бутов М.А Пропедевтика внутренних болезней: учебное пособие.., Москва: ФОРУМ, 2011. – 512с.	1	1
10.	Д. А. Шихнебиев, Пропедевтика внутренних болезней с основами общего ухода за больными: учебное пособие для студентов медицинских вузов – Махачкала : Наука-Дагестан, 2015. – 252 с.	-	1

8.3. Electronic educational resources for teaching academic subjects

8.3.1. Internal Electronic Library System of the University (IELSU)

№	*Name of the electronic resource*	*Brief description (content)*	*Access conditions*	*Number of users*
1	Internal Electronic Library System (VEBS) PIMU	Proceedings of PIMU staff (textbooks, manuals, collections of tasks, methodological manuals, laboratory work, monographs, etc.)	Access by individual login and password from any computer and mobile device	Not limited

8.3.2. Electronic educational resources acquired by the University

№	*Name of the electronic resource*	*Brief description (content)*	*Access conditions*	*Number of users*
1	Database “Medicine. Healthcare (VO) and “Medicine. Healthcare (SPO)" as part of the database "Electronic library of a technical university (ELS "Student Consultant"	Textbooks and teaching aids for higher medical and pharmaceutical education.	Access by individual login and password from any computer and mobile device	Not limited
2	Database “Doctor's Consultant. Electronic Medical Library»	National guidelines, clinical guidelines, textbooks, monographs, atlases, reference books, etc.	Access by individual login and password from any computer and mobile device	Not limited
3	Database "Electronic Library System "Bukap"	Educational and scientific medical literature of Russian publishing houses, incl. translated editions. The collection of	Access by individual login and password from any computer and	Not limited

		subscription publications is formed point by point.	mobile device. From university computers - access is automatic.	

8.3.3 Open access resources

№	*Name of the electronic resource*	*Brief description (content)*	*Access conditions*
1.	ЭБС «Консультант студента»	The educational resource (www.studentlibrary.ru) for students of medical and pharmaceutical universities is an electronic library system (ELS) that provides access via the Internet to electronic versions of educational, scientific literature and additional materials.	Free from any computer and mobile device.
2.	«Free Medical Journals»	Catalog of links to foreign medical journals, open for free access to full texts of articles. http://www.freemedicaljournals.com/	Free from any computer and mobile device.
3.	Free Books for Doctors	Books on medicine in English in the public domain http://www.freebooks4doctors.com/	Free from any computer and mobile device.
4.	«High Wire. Library of the Sciences and Medicine»	The Stanford University Press website has a large database of journal articles. Some journals are completely open for free access. http://highwire.stanford.edu/	Free from any computer and mobile device.
5.	BioMed Central	Electronic archive of open access to the results of research in the field of medicine, biology and technology. The portfolio includes articles from over two hundred peer-reviewed journals http://www.biomedcentral.com	Free from any computer and mobile device.
6.	Oxford Medicine Online	A collection of Oxford Press' medical publications that brings together over 350 titles in a cross-searchable resource. Publications include The Oxford Handbook of Clinical Medicine and The Oxford Textbook of Medicine, which are constantly updated electronically. http://www.oxfordmedicine.com	Free from any computer and mobile device.
7.	PubMed	Free search system in the largest medical bibliographic database MedLine. Documents	Free from any computer and mobile device.

		medical and biological articles from the specialized literature, and also provides links to full-text articles. http://www.ncbi.nlm.nih.gov/pubmed/	

9. Material and technical support for mastering an academic discipline

9.1. List of premises for classroom activities for the discipline

1. Lecture hall equipped with presentation equipment, multimedia complex (screen, laptop, projector).

2. An auditorium equipped with an interactive complex for practical classes and conferences.

3. Rooms for conducting practical classes with students (3 audiences), information stands, computers, interactive whiteboards, a multimedia complex, a slidescope, DVD films by sections: methods of examining a patient in therapeutic practice, assessing vital signs, examining a patient with diseases of the respiratory system , cardiovascular system, with diseases of the gastrointestinal tract, with diseases of the joints, auscultation of the heart, auscultation of the lungs, heart murmurs.

4. Rooms for working with patients receiving medical care in the therapeutic, cardiological, resuscitation, outpatient departments, as well as undergoing examination in the department of functional diagnostics and endoscopy.

9.2. List of equipment for classroom activities for the discipline

1. Information stands
2. Personal computers
3. Interactive whiteboard with a multimedia complex
4. TV
5. Slidescope,
6. DVD films by sections: methods of examining a patient in therapeutic practice, assessment of vital signs, examination of a patient with diseases of the respiratory system, cardiovascular system, diseases of the gastrointestinal tract, diseases of the joints, auscultation of the heart, auscultation of the lungs, heart murmurs .
7. Magnetic whiteboards
8. Sets of thematic tables and multimedia visual materials for various sections of the discipline
9. A set of electrocardiograms, spirograms, echocardiograms, radiographs, blood tests, urine, sputum

9.3. A set of licensed and freely distributed software, including domestic production

Item no.	**Software**	**number of licenses**	**Type of software**	**Manufacturer**	**Number in the unified register of Russian software**	**Contract No. and date**
1	Wtware	100	Thin Client Operating System	Kovalev Andrey Alexandrovich	1960	2471/05-18 from 28.05.2018
2	MyOffice is Standard. A corporate user license for educational organizations, with no expiration date, with the right to receive updates for 1 year.	220	Office Application	LLC "NEW CLOUD TECHNOLOGIES"	283	without limitation, with the right to receive updates for 1 year.

3	LibreOffice		Office Application	The Document Foundation	Freely distributed software	
4	Windows 10 Education	700	Operating systems	Microsoft	Azure Dev Tools for Teaching Subscription	
5	Yandex. Browser		Browser	«Yandex»	3722	
6	Subscription to MS Office Pro for 170 PCs for FGBOU VO "PIMU" of the Ministry of Health of Russia	170	Office Application	Microsoft		23618/HN10030 LLC "Softline Trade" from 04.12.2020

10. List of changes to the working program (to be filled out by the template)

Federal State Budgetary Educational Institution of Higher Education
"Privolzhsky Research Medical University"
Ministry of Health of the Russian Federation
(FSBEI HE "PRMU" of the Ministry of Health of Russia)

Department of
Name of the department

CHANGE REGISTRATION SHEET

working program for the academic discipline
NAME OF THE ACADEMIC DISCIPLINE

Field of study / specialty / scientific specialty: _____
(code, name)

Training profile: _____
(*name) - for master's degree programs*

Mode of study: _____
full-time/mixed attendance mode/extramural

Position	Number and name of the program section	Contents of the changes made	Effective date of the changes	Contributor's signature
1				

Approved at the department meeting of Endocrinology and Internal Medicine,

Protocol No. _9____of __15.04.2021

Head of the Department

_____ _____/_____
department name, academic title signature print name