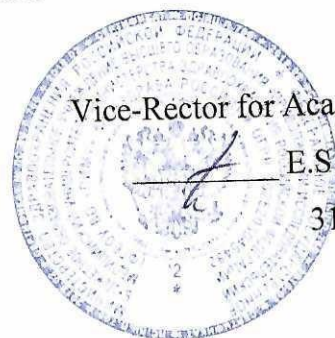


Federal State Budgetary Educational Institution of Higher Education
"Privolzhsky Research Medical University"
Ministry of Health of the Russian Federation



APPROVED

Vice-Rector for Academic Affairs

E.S. Bogomolova

31 August 2021

WORKING PROGRAM

Name of the academic discipline: **HOSPITAL SURGERY**

Specialty: **31.05.01 GENERAL MEDICINE**

Qualification: **GENERAL PRACTITIONER**

Department: **FACULTY SURGERY AND TRANSPLANTOLOGY**

Mode of study: **FULL-TIME**

Labor intensity of the academic discipline: **324 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 of the Ministry of Science and Higher Education of the Russian Federation No. 988 of August 12, 2020.

Developers of the working program:

Zagainov Vladimir Evgenievich, Doctor of Medical Sciences, Professor, Head of the Department of Faculty Surgery and Transplantology

The program was reviewed and approved at the department meeting (protocol No. 10, June 1, 2021)

Head of the Department,
MD, Professor Zagainov V. E.

 (print name)
(signature)

June, 1 _____ 2021

AGREED

Deputy Head of EMA ph.d. of biology _____ Lovtsova L.V.

(signature)

June, 1 _____ 2021

1. **The purpose and objectives of mastering the academic discipline** to continue the formation of a doctor medical profile in surgical diseases, capable of independently solving organizational, diagnostic, medical-tactical, preventive and deontological surgical tasks at the modern scientific and practical level in the scope of the qualification characteristics of a doctor.

1.1. The purpose of mastering the discipline: (*participation in forming the relevant competencies*).

- Able to carry out a critical analysis of problem situations based on a systematic approach, develop an action strategy (UC-1)
- Able to organize and manage the work of the team, developing a team strategy to achieve the goal (UC-3)
- Able to apply modern communication technologies, including the use of a foreign language(s), for academic and professional interaction (UC-4)
- Able to analyze and take into account the diversity of cultures in the process of cross-cultural interaction (UC-5)
- Able to implement moral and legal norms, ethical and deontological principles in professional activities (GPC-1)
- Able to apply medical products, provided by the order of healthcare delivery, as well as examine patients for the purpose of determining the diagnosis (GPC-4)
- Able to assess morphofunctional, physiological conditions and pathological processes in the human body to solve professional problems (GPC-5)
- Able to: organize patient care, provide primary health care, ensure the organization of work and professional decision-making in case of medical emergency on the prehospital stage, in the conditions of emergency situations, epidemics and in centers of mass destruction (GPC-6)
- Able to prescribe treatment and monitor its effectiveness and safety (GPC-7)
- Able to implement and realize monitoring the effectiveness of the patient's medical rehabilitation including in the implementation of individual rehabilitation and habilitation programs for the disabled people, assess the patient's ability to carry out work activities (GPC-8)
- Able to: prepare and apply scientific, research and production, design, management and regulatory documentation in the health care system (GPC-11)
- Able to assess the condition of a patient requiring medical treatment in the emergency form (PC -1)
- Able to recognize conditions arising from sudden acute diseases, exacerbation of chronic diseases without obvious signs of a threat to the patient's life and requiring urgent medical care, recognize conditions that pose a threat to the patient's life including conditions of clinical death (stopping vital functions of the human body (blood circulation and/or respiration), requiring the provision of emergency medical care (PC-2)
- Able to: provide emergency medical care to patients in case of sudden acute diseases, conditions, exacerbation of chronic diseases without obvious signs of a threat to the patient's life, provide emergency medical care to patients in conditions that threaten the patient's life, including clinical death (suspension of vital functions the human body (circulation and/or respiration) (PC-3)
- Able to use medicines and medical devices for providing medical care in emergency forms (PC-4)
- 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-5)
- Able to send a patient to laboratory, instrumental examination, to a consultation with specialist doctors if there are medical indications in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on providing 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 medical care delivery, clinical recommendations (treatment protocols) on the medical care delivery taking into account the standards of medical care (PC-6)

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

- Able to: develop a treatment plan for a disease or condition and prescribe medicine, medical devices, therapeutic nutrition and non-drug treatment taking into account the diagnosis, age and clinical picture in accordance with current procedures for the medical care delivery, clinical recommendations (treatment protocols) on the provision of medical care taking into account the standards of medical care and to evaluate the effectiveness and safety of the use of medicines, medical devices, therapeutic nutrition and other methods of treatment (PC-8)

- Able to provide palliative care in cooperation with specialist doctors and other medical professionals (PC-9)

- Able to: organize personalized treatment of the patient including pregnant women, elderly and senile patients, evaluate the effectiveness and safety of treatment (PC-10)

- Able to carry out an examination of temporary disability and work as a part of a medical commission carrying out an examination of temporary disability (PC-11)

- Able to: conduct dispensary monitoring of patients with identified chronic non-communicable diseases and carry out medical examination of the adult population in order to early detect chronic non-communicable diseases and the main risk factors for their development in accordance with current regulatory legal acts and other documents (PC-17)

- Able to: maintain medical records, also in the electronic form in the MIS (PC-22)

1.2. Tasks of the discipline:

As a result of completing the discipline, the student should

Know:

- Pathogenesis, etiology and preventive measures of the most common surgical diseases;
- The clinical picture of these diseases and their complications;
- Modern methods of clinical, laboratory, instrumental examination of patients;
- Methods of treatment and indications for their use;
- Deontological and medical-ethical attitudes and provisions:
 - rules of conduct for a doctor in a team;
 - the relationship of the surgeon with patients and their relatives;
 - features of the surgeon's relationship with patients with a medical education, with a particularly vulnerable psyche and with incurable patients;
 - organization of surgical service in all its links;
 - observe medical secrecy, legal and ethical aspects of organ and tissue transplantation;
 - the ethics of the doctor in the clinic, when visiting patients at home;
 - moral and legal responsibility of the doctor for the outcome of the operation;
 - classification of surgical errors, their causes, and ways to eliminate the consequences of violations of deontological provisions;
- Government regulations concerning health care; health care economy, the main qualitative and quantitative indicators characterizing the state of the surgical service in the city and in the countryside.

Be able to:

- Collect anamnesis, conduct a general clinical examination of patients with surgical diseases;
- Formulate a detailed clinical diagnosis, substantiate it on the basis of a differential

diagnosis;

- Understand the individual characteristics of the etiology, pathogenesis and course of surgical diseases;
- To carry out diagnostics and differential diagnostics of atypical, complicated and rare forms of surgical diseases;
- Correctly solve tactical surgical issues in specific surgical situations, especially when providing emergency and urgent care, i.e. correctly navigate the indications for surgical treatment, the timing and choice of the method of surgical intervention;
- Make a plan and analyze the results of laboratory and special methods of examination of the patient (radiological studies, electrocardiography, ultrasound diagnostics, etc.);
- To predict the results of treatment for various surgical diseases and their complications;
- Perform general medical surgical procedures, determined by the requirements for the preparation of a doctor's specialist, according to the qualification characteristics: dressings, stopping external bleeding (temporary and final), transfusion of blood, blood substitutes and solutions;
- Provide emergency surgical care for shock, collapse, "acute abdomen", trauma, burns;
- To carry out novocaine blockades, primary surgical treatment of wounds, opening of abscesses;
- Assist in planned and emergency operations, perform outpatient operations, prepare patients for planned and emergency operations;
- Provide care and treatment in the postoperative period;
- Correctly draw up medical documentation in the clinic and hospital;
- Carry out a performance appraisal;
- Organize and conduct clinical examination of patients with a surgical profile.

Possess:

- Methods of maintaining medical accounting and reporting documentation in medical and preventive institutions of the healthcare system.
- Assessments of the state of health of the population of various age-sex and social groups.
- Methods of general clinical examination of patients.
- Interpretation of the results of laboratory, instrumental diagnostic methods in patients.
- An algorithm for making a preliminary diagnosis to patients with their subsequent referral for additional examination and to specialist doctors.
- An algorithm for making a detailed clinical diagnosis for patients.
- Algorithm for the implementation of basic medical diagnostic and therapeutic measures to provide first medical aid to the population in urgent and life-threatening conditions.

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 Hospital Surgery refers to the core part of Block 1 of GEP HE, Specialty 31.05.01 General Medicine

The discipline is taught in _10 and _11__ semester/_5 and_6__ year of study.

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

Pathological anatomy
Pathological physiology

Topographic anatomy and operative surgery
 Propaedeutics of internal diseases
 Radiation diagnostics, oncology
 Pharmacology
 General surgery
 Faculty surgery

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

Anesthesiology and resuscitation
 Oncology, radiation therapy
 Traumatology, orthopedics

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

Mastering the discipline aims at acquiring the following universal (UC) and general professional (GPC) 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	IUC 1.1 Knows: methods of critical analysis and evaluation of modern scientific achievements; basic principles of critical analysis IUC 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 IUC 1.3 Has practical experience: researching the problem of professional activity using analysis, synthesis and other methods of intellectual activity; developing an action strategy to solve professional problems	methods of critical analysis and evaluation of modern scientific achievements ; basic principles of critical analysis	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	Has practical 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-3	Able to organize and manage the work of the team, developing a team strategy to achieve the goal	IUC 3.1 Knows: problems of selection of an effective team; basic conditions for effective teamwork; fundamentals of strategic human resource management,	the problems of selecting an effective team; basic conditions for effective teamwork; the basics of	determine the management style for the effective team work; develop a team	Has practical experience in: participation in the development of a team work strategy; participation in

			<p>normative legal acts concerning the organization and implementation of professional activities; models of organizational behavior, factors in the formation of organizational relations, strategies and principles of teamwork, the main characteristics of the organizational climate and the interaction of people in the organization</p> <p>IUC 3.2 Able to: determine the management style for effective team work; develop a team strategy; apply the principles and methods of organizing team activities</p> <p>IUC 3.3 Has practical experience: participation in the development of a team work strategy; participation in team work, distribution of roles in the conditions of team interaction</p>	<p>strategic human resource management, regulatory legal acts concerning the organization and implementation of professional activities; organizational behavior models, factors of formation of organizational relationships; strategies and principles of teamwork, the main characteristics of the organizational climate and interaction of people in the organization</p>	<p>strategy; apply the principles and methods of organizing team activities</p>	<p>teamwork, role distribution in the team interaction</p>
3.	UC-4	<p>Able to apply modern communication technologies, including the use of a foreign language(s), for academic and professional interaction</p>	<p>IUC 4.1 Knows: the basics of oral and written communication in Russian and foreign languages, the functional styles of the native language, the requirements for business communication, modern means of information communication technologies</p> <p>IUC 4.2 Knows how to: express their thoughts in Russian and foreign languages in business communication</p> <p>IUC 4.3 Has practical experience: writing 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</p>	<p>the basics of oral and written communication in Russian and foreign languages, functional styles of the native language, requirements to business communication, modern means of information and communication technologies</p>	<p>express thoughts in Russian and a foreign language in business communication</p>	<p>Has practical experience in: writing texts in Russian and foreign languages related to the professional activity; experience in translating medical texts from a foreign language into Russian; experience in speaking Russian and foreign languages.</p>

			languages			
4.	UC-5	Able to analyze and take into account the diversity of cultures in the process of cross-cultural interaction	<p>IUC 5.1 Knows: the main categories of philosophy, the laws of historical development, the basics of intercultural communication; basic concepts of human interaction in an organization</p> <p>IUC 5.2 Able to: competently, clearly present professional information in the process of intercultural interactions; observe ethical standards and human rights; analyze the features of social interaction, taking into account national, ethno-cultural, confessional features</p> <p>IUC 5.3 Has practical experience: productive interaction in a professional environment, taking into account national, ethnocultural, confessional features; overcoming communication, educational, ethnic, professional and other barriers in the process of intercultural interaction</p>	the main categories of philosophy, the laws of historical development, the basics of intercultural communication; the basic concepts of human interaction in the organization	competently, intelligibly present professional information in the process of intercultural interaction; observe ethical norms and human rights; analyze the features of social interaction taking into account national, ethno-cultural, confessional features	Has practical experience in: productive interaction in the professional environment taking into account national, ethno-cultural, confessional features; overcoming communicative, educational, ethnic, confessional and other barriers in the process of intercultural interaction
5.	GPC-1	Able to implement moral and legal norms, ethical and deontological principles in professional activities	<p>IGPC 1.1 Knows: basics of medical ethics and deontology; fundamentals of legislation in the field of health care; legal aspects of medical practice</p> <p>IGPC 1.2 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 health care in solving problems of professional activity; apply the rules and norms of interaction moral and legal norms, ethical and</p>	basics of medical ethics and deontology; fundamentals of legislation in the field of healthcare; legal aspects of medical practice	apply ethical norms and principles of behavior of a healthcare 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	Has practical experience in: solving 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

			<p>deontological principles of behavior in the course of professional activity</p> <p>observe moral and legal norms in professional activities;</p> <p>express professional information in the process of intercultural interactions respecting the principles of ethics and deontology</p> <p>the skill of behavior in the implementation of professional activities of behavior in compliance with moral and legal norms, ethical and deontological principles</p> <p>doctor with colleagues and patients (their legal representatives)</p> <p>IGPC 1.3 Has practical experience: solving 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</p>		<p>between a doctor and colleagues and patients (their legal representatives)</p>	
6.	GPC-4	<p>Able to apply medical products, provided by the order of healthcare delivery, as well as examine patients for the purpose of determining the diagnosis</p>	<p>IGPC 4.1 Knows the methodology for collecting an 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 indications for conducting studies, rules for interpreting their results; international statistical classification of diseases and related health problems (ICD);</p>	<p>the methodology of collecting anamnesis of life and diseases, complaints of patients (their legal representatives); examination procedure; and physical examination; clinical aspect, methods of diagnosis of the most common diseases; methods of laboratory and</p>	<p>collect complaints, anamnesis of life and disease of patients (their legal representatives), identify risk factors and causes of diseases; apply methods of examination and physical survey of patients; interpret the results of examination and physical examination of patients; diagnose the</p>	<p>Has practical experience in: collecting complaints, anamnesis of life and disease of patients (their legal representatives) , identifying risk factors and causes of disease development; examination and physical survey of patients; diagnosis of the most common diseases; identification of risk factors for major oncological</p>

			<p>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 and (treatment protocols) on the provision of medical care, assistance taking into account the standards of medical care</p> <p>IGPC 4.2 Knows how to: 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 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, etc. 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, and, subject to standards of care; refer patients for consultations to specialist doctors in accordance with the procedures for the provision of medical</p>	<p>instrumental investigations to assess the state of health, medical indications for conducting research, rules for interpreting their results; international statistical classification of diseases and health-related problems (ICD); conditions requiring emergency medical care; procedure for the use of medical devices in accordance with the current procedures for providing medical care, clinical recommendations (treatment protocols) on the medical care delivery taking into account the standards of medical care</p>	<p>most common pathology among patients; identify risk factors for cancer; formulate a preliminary diagnosis, to make a plan for conducting laboratory, instrumental and additional investigations of patients in accordance with the procedures for providing medical care, clinical recommendations taking into account the standards of medical care; to refer patients to laboratory, instrumental and additional investigations in accordance with the current procedures for providing medical care, clinical recommendations, taking into account the standards of medical care; refer patients for consultations to medical specialists in accordance with the procedures of medical care, clinical recommendat</p>	<p>diseases; formulation of a preliminary diagnosis, drawing up a plan for instrumental, laboratory, additional investigations, consultations of specialist doctors; referral of patients for instrumental, laboratory, additional investigations, consultations of specialist doctors in accordance with the current procedures for providing 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 problems related to health (ICD); differential diagnosis of diseases; recognition of conditions arising from sudden acute diseases, exacerbation of chronic diseases without obvious signs of a threat to the patient's</p>
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			<p>care, clinical recommendations and, taking into account the standards of medical care; interpret and analyze the results of consultations with patients' specialists; interpret and analyze the results of the main (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; use medical devices in accordance with the current procedures for the provision of medical, clinical guidelines (treatment protocols) on the provision of medical care, care taking into account the standards of medical care</p> <p>IGPC 4.3 Has practical experience: collecting complaints, anamnesis of life and disease in patients (their legal representatives). identification of risk factors and causes of disease development; examination and physical examination of patients; diagnosis of the most common diseases; identification of risk factors for major cancers; I formulated a preliminary diagnosis, drawing up a plan for conducting instrumental</p> <p>laboratory, additional research, consultations of medical specialists; referral of patients for instrumental, laboratory, additional</p>		<p>ions taking into account the standards of medical care; to interpret and analyze the results of consultations by medical specialists of patients; to interpret and analyze the results of basic (clinical) and additional (laboratory, instrumental) examination methods; carry out differential diagnosis of diseases of patients; identify clinical signs of sudden acute diseases, conditions, exacerbations of chronic diseases without obvious signs of life-threatening, requiring medical care in an urgent form; use medical devices in accordance with current medical procedures, clinical recommendations (treatment protocols) on the provision of medical care, assistance taking into account the standards of medical care</p>	<p>life and requiring urgent medical care; the use of medical devices in accordance with current medical procedures, clinical recommendations (treatment protocols) on the issues of medical care delivery, assistance taking into account the standards of medical care</p>
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			<p>studies, consultations of specialist doctors in accordance with the current procedures for the provision of medical care, clinical guidelines and, taking into account standards of care; interpretation of additional (laboratory and instrumental) examinations of patients; provisional 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; use of medical devices in accordance with the current procedures for the provision of medical, clinical recommendations and (treatment protocols) on the provision of medical care, care taking into account the standards of medical care</p>			
7.	GPC-5	Able to assess morphofunctional, physiological conditions and pathological processes in the human body to solve professional problems	<p>IGPC 5.1 Knows: anatomy, histology, embryology, then graph and chess anatomy, physiology, pathological anatomy and physiology of human organs and systems IGPC 5.2 Able to: evaluate the main morphological and functional data, physiological conditions and pathological processes in the human body IGPC 5.3 Has practical experience: assessment of basic morphofunctional data, physiological states and</p>	anatomy, histology, embryology, topographic anatomy, physiology, pathological anatomy and physiology of human organs and systems	evaluate the basic morphological and functional data, physiological conditions and pathological processes in the human body	Has practical experience in: assessment of basic morphological and functional data, physiological conditions and pathological processes in the human body when solving professional problems

			pathological processes in the human body when solving professional problems			
8.	GPC-6	Able to: organize patient care, provide primary health care, ensure the organization of work and professional decision-making in case of medical emergency on the prehospital stage, in the conditions of emergency situations, epidemics and in centers of mass destruction	<p>IGPC 6.1 Knows: the methodology for collecting complaints and anamnesis from patients (their legal representatives); methods of physical examination of patients (examination, palpation, percussion, auscultation); principles and methods of providing medical care to patients in emergencies, in emergency situations, epidemics and in areas of mass destruction in accordance with the procedures for providing medical care, clinical recommendations and, taking into account the standards of medical care; clinical signs of major medical emergencies; principles of medical evacuation in emergency situations, epidemics and in the centers of mass destruction; principles of work in the centers of mass destruction; principles of organization of patient care, provision of primary health care</p> <p>IGPC 6.2 Able to: recognize conditions requiring emergency medical care, including in emergency situations, epidemics and in areas of mass destruction, requiring emergency medical care; organize the work of medical personnel in emergency situations, in emergency situations, epidemics and in the centers of mass destruction; provide emergency medical care to patients in conditions that pose a threat to the life of patients, including</p>	<p>methods of collecting complaints and anamnesis of patients (their legal representatives); methods of physical examination of patients (examination, palpation, percussion, auscultation); principles and methods of medical care delivery to patients in urgent conditions, in emergency situations, epidemics and in centers of mass destruction in accordance with the procedures for providing medical care, clinical recommendations taking into account the standards of medical care; clinical signs of major emergency conditions; principles of medical evacuation in emergency situations, epidemics and in centers of mass destruction; principles of work in</p>	<p>recognize conditions that require healthcare delivery in an emergency form, including in the conditions of emergencies, epidemics and in the centers of mass destruction, requiring medical assistance in an emergency form; organize the work of medical personnel in emergency situations, epidemics and in centers of mass destruction; provide emergency medical care to patients in conditions that pose a threat to the life of patients, including (blood circulation and (or) respiration); use medicines and medical products when providing medical care in emergency conditions; perform basic</p>	<p>6.3 Has practical experience in: assessing the condition requiring healthcare delivery in an emergency form, including in emergency situations, epidemics and in the centers of mass destruction; definition of life-threatening conditions, including the state of clinical death (arrest of vital important functions of the human body (blood circulation and (or) breathing) requiring medical care in the emergency form; medical care delivery in emergency form to patients in conditions, constituting life-threatening situations including clinical death (arrest of vital functions of human body (blood circulation and (or) respiration); the use of medicines and medical products in the provision of medical care in case of emergency conditions and epidemics; use of personal</p>

			<p>clinical death (stopping vital functions of the human body (blood circulation and (or) respiration); use medicines and medical devices in the provision of medical care in emergency conditions; perform basic cardiopulmonary resuscitation; use personal protective equipment: organize patient care, provide primary health care</p> <p>IGPC 6.3 Has practical experience in: assessing a condition requiring emergency medical care, including in emergency situations, epidemics and in areas of mass destruction; recognition of conditions that pose a threat to life, including the state of clinical death (stoppage of vital functions of the human body (blood circulation and (or) respiration), requiring emergency medical care; emergency medical care form patients under conditions that pose a threat to the life of patients, including clinical death (stopping the vital functions of the human body (blood circulation and (or) respiration); the use of drugs and medical devices in the provision of medical care in emergency conditions and epidemics; personal protective equipment, organization of patient care, provision of primary health care</p>	<p>centers of mass destruction; principles of organization of patient care, first aid treatment</p>	<p>cardiopulmonary resuscitation; use personal protective equipment; organize patient care, provide primary health care</p>	<p>protective equipment; organization of patient care, first aid measures</p>
9.	GPC-7	Able to prescribe treatment and monitor its effectiveness and safety	<p>IGPC 7.1 Knows: methods of drug and non-drug treatment, medical indications for the use of medical devices for the most common diseases; groups of drugs used to provide medical care in the treatment of the</p>	<p>methods of drug and non-drug treatment, medical indications for the use of medical devices for the most</p>	<p>develop a treatment plan for patients with the most common diseases in accordance with the procedures</p>	<p>Has practical experience in: developing a treatment plan for patients with the most common diseases in accordance with the current</p>

			<p>most common diseases; their mechanism of action, medical indications and contraindications to the appointment; compatibility, possible complications, side effects, adverse reactions, including serious and unforeseen; features of medical care in emergency forms</p> <p>IGPC 7.2 Able to: develop a treatment plan for patients with the most common diseases in accordance with the procedures for providing medical care, clinical recommendations, taking into account the standards of medical care; prevent or eliminate complications, side effects, adverse reactions, including unforeseen ones, resulting from diagnostic or therapeutic manipulations, the use of drugs and (or) medical devices, non-drug treatment</p> <p>IGPC 7.3 Has practical experience in: developing a treatment plan for patients with the most common diseases in accordance with the current procedures for the provision of medical care, clinical guidelines and, taking into account the standards of medical care; provision of emergency and urgent medical care to patients with the most common diseases, in accordance with the current procedures for the provision of medical care, clinical recommendations and, taking into account the standards of medical care; selection and</p>	<p>common diseases; groups of drugs used to provide medical care in the treatment of the most common diseases; the mechanism of their action, medical indications and contraindications to the prescription; compatibility, possible complications, side effects, adverse reactions, including serious and unforeseen; features of medical care in emergency forms</p>	<p>for providing medical care, clinical guidelines taking into account the standards of medical care; prevent or eliminate complications, side effects, adverse reactions, including unforeseen ones, resulting from diagnostic or therapeutic manipulations, the use of drugs and (or) medical devices, non-drug treatment</p>	<p>procedures for the provision of medical care, clinical guidelines, taking into account the standards of medical care; provision of emergency and urgent medical care to patients with the most common diseases in accordance with the current procedures for providing medical care, clinical guidelines, taking into account the standards of medical care; selection and prescription of medicines, medical devices with the most common diseases for the treatment of the most common diseases of children and adults in accordance with the current procedures for providing medical care, clinical recommendations, taking into account the standards of medical care; evaluation of the effectiveness and safety of the use of medical devices and non-drug treatment of patients with the most common diseases;</p>
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			<p>prescription of medicines, medical devices with the most common diseases for the treatment of the most common diseases in children and adults in accordance with the current procedures for the provision of medical care, clinical recommendations and, taking into account the standards of medical care; evaluation of the efficacy and safety of the use of drugs, medical devices and non-drug treatment in patients with the most common diseases:</p> <p>selection and prescription of non-drug treatment for patients with the most common diseases in accordance with the procedures for providing medical care, clinical guidelines and, taking into account the standards of medical care; prevention and treatment of complications, side effects, adverse reactions, including unforeseen ones, resulting from diagnostic or therapeutic manipulations, the use of medicinal preparations and (or) medical devices. non-drug treatment: providing medical care to patients with sudden acute diseases, conditions, exacerbation of chronic diseases without obvious signs of a threat to the patient's life in an emergency</p>			<p>selection and prescription of non-drug treatment for patients with the most common diseases in accordance with the procedures for providing medical care, clinical guidelines, taking into account the standards of medical care; prevention and treatment of complications, side effects, adverse reactions, including unforeseen ones, resulting from diagnostic or therapeutic manipulations, the use of drugs and (or) medical devices, non-drug treatment; providing medical care to patients with sudden acute diseases, conditions, exacerbation of chronic diseases without obvious signs of a threat to the patient's life in an emergency form; the use of medicines and medical devices in the provision of medical care in an emergency form</p>
10.	GPC-8	Able to implement and realize monitoring the effectiveness of the patient's medical	IGPC 8.1 Knows: the procedures for organizing medical rehabilitation, including the implementation of individual programs for the rehabilitation and	procedures for the organization of medical rehabilitation , including the	develop an action plan for the medical rehabilitation of patients including the	Has practical experience in: drawing up a plan of measures for medical rehabilitation of

		<p>rehabilitation including in the implementation of individual rehabilitation and habilitation programs for the disabled people, assess the patient's ability to carry out work activities</p>	<p>habilitation of disabled people; methods of medical rehabilitation of the patient, including in the implementation of individual rehabilitation and habilitation programs for disabled people, medical indications and medical contraindications for their implementation, taking into account the diagnosis in accordance with the current procedures for organizing medical rehabilitation, clinical recommendations and, taking into account the standards of medical care; ways to prevent or eliminate complications, side effects, adverse reactions, including serious and unforeseen ones. resulting from medical rehabilitation measures; procedure for examination of temporary disability and signs of temporary disability of the patient; signs of persistent impairment of body functions due to diseases, consequences of injuries or defects IGPC 8.2 Able to: develop an action plan for the medical rehabilitation of patients, including the implementation of individual programs for the rehabilitation and habilitation of the disabled, in accordance with the current procedure for organizing medical rehabilitation, clinical recommendations and, taking into account the standards of medical care; determine medical indications for medical rehabilitation measures in accordance with the current procedure for organizing medical</p>	<p>implementation of individual rehabilitation and habilitation programs for disabled people; methods of medical rehabilitation of a patient including when implementing individual rehabilitation and habilitation programs for the disabled, medical indications and medical contraindications for their implementation taking into account the diagnosis in accordance with current procedures of the organization of medical rehabilitation, clinical recommendations taking into account the standards of medical care; ways to prevent or eliminate complications, side effects, adverse reactions, including serious and unforeseen, arising as a result of medical rehabilitation measures; procedure for examination</p>	<p>implementation of individual rehabilitation and habilitation programs for the disabled people in accordance with the current procedure for the organization of medical rehabilitation, clinical recommendations taking into account the standards of medical care; determine medical indications for medical rehabilitation measures in accordance with the current procedure for the organization of medical rehabilitation, clinical recommendations taking into account the standards of medical care; evaluate the effectiveness and safety of medical rehabilitation measures for patients including when implementing individual rehabilitation and habilitation programs for disabled people, in accordance with the current procedure for the organization of medical rehabilitation, clinical recommendations taking into account the standards of medical care; evaluation of the effectiveness and safety of measures for medical rehabilitation of patients, including the implementation of individual rehabilitation and habilitation programs for disabled people</p>	<p>a patient, including when implementing individual rehabilitation and habilitation programs for disabled people, in accordance with the current procedure for medical rehabilitation, clinical recommendations, taking into account medical care standards; carrying out medical rehabilitation measures for patients including when implementing individual rehabilitation and habilitation programs for disabled people, in accordance with the current procedure for the organization of medical rehabilitation, clinical recommendations, taking into account the standards of medical care; evaluation of the effectiveness and safety of measures for medical rehabilitation of patients, including the implementation of individual rehabilitation and habilitation programs for disabled people</p>
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			<p>rehabilitation, clinical recommendations and, taking into account the standards of medical care; evaluate the effectiveness and safety of measures for the medical rehabilitation of patients, including the implementation of individual programs for the rehabilitation and habilitation of disabled people. in accordance with the current procedure for organizing medical rehabilitation, clinical guidelines and, taking into account standards of care; determine signs of temporary disability and signs of permanent impairment of body functions due to diseases, consequences of injuries or defects</p> <p>IGPC 8.3 Has practical experience in: drawing up a plan of measures for the medical rehabilitation of a patient, including the implementation of individual programs for the rehabilitation and habilitation of disabled people, in accordance with the current procedure for medical rehabilitation, clinical recommendations and, taking into account the standards of medical care; carrying out medical rehabilitation measures for patients, including the implementation of individual rehabilitation and habilitation programs for disabled people, in accordance with the current procedure for organizing medical rehabilitation, clinical recommendations and, taking into account the standards of medical care; evaluation of the effectiveness and safety of measures for the</p>	<p>of temporary disability and signs of temporary disability of a patient; signs of persistent impairment of body functions caused by diseases, consequences of injuries or defects</p>	<p>with the current procedure for organizing medical rehabilitation , clinical recommendation taking into account the standards of medical care; identify signs of temporary disability and signs of persistent impairment of body functions caused by diseases, consequences of injuries or defects</p>	
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			medical rehabilitation of patients. including the implementation of individual rehabilitation and habilitation programs for disabled people			
11.	GPC-11	Able to: prepare and apply scientific, research and production, design, management and regulatory documentation in the health care system	IGPC-11.1 Knows: scientific, scientific and production, design, organizational management and regulatory documentation in the healthcare system IGPC-11.2 Able to: prepare scientific, scientific and production, design, organizational and management and regulatory documentation in the healthcare system	scientific, research and production, design, management and regulatory documentation in the healthcare system	prepare scientific, research and production, design, management and regulatory documentation in the healthcare system	possess the skills of preparing scientific, research and production, design, organizational and management and regulatory documentation in the healthcare system
12.	PC-1	Able to assess the condition of a patient requiring medical treatment in the emergency form	IPC 1.1 Knows: etiology, pathogenesis and pathomorphology, clinical picture, differential diagnosis, course features, complications and outcomes of diseases of internal organs; methodology for collecting complaints and anamnesis; physical examination technique (examination, palpation, percussion, auscultation); a list of laboratory and instrumental research methods for assessing the condition, the main medical indications for conducting research and interpreting the results in patients requiring medical care in emergency forms IPC 1.2 Able to: identify clinical signs of conditions requiring emergency or emergency medical care IPC 1.3 has methods for assessing the condition of a patient requiring medical care in emergency or emergency forms	etiology, pathogenesis and pathomorphology, clinical aspect, differential diagnosis, clinical features, complications and outcomes of diseases of internal organs; methodology for collecting complaints and anamnesis; physical examination technique (examination, palpation, percussion, auscultation); a list of laboratory and instrumental research methods for assessing the condition, the main medical indications	identify clinical signs of conditions requiring medical treatment in the emergency form	assessment of the patient's condition requiring medical care in emergency or emergency forms

				for conducting research and interpreting the results of patients requiring medical care in the emergency form		
13.	PC-2	Able to recognize conditions arising from sudden acute diseases, exacerbation of chronic diseases without obvious signs of a threat to the patient's life and requiring urgent medical care, recognize conditions that pose a threat to the patient's life including conditions of clinical death (stopping vital functions of the human body (blood circulation and/or respiration), requiring the provision of emergency medical care	IPC 2.1 Knows: etiology, pathogenesis and pathomorphology, clinical picture, differential diagnosis, course features, complications and outcomes of diseases of internal organs; methodology for collecting complaints and anamnesis from patients (their legal representatives); method of physical examination of patients (examination, palpation, percussion, auscultation); a list of laboratory and instrumental research methods for assessing the patient's condition, the main medical indications for conducting research and interpreting the results: clinical signs of a sudden cessation of blood circulation and / or breathing IPC 2.2 Able to: identify clinical signs of conditions requiring emergency medical care; identify conditions requiring emergency medical care, including clinical signs of sudden cessation of blood circulation and breathing	etiology, pathogenesis and pathomorphology, clinical picture, differential diagnosis, features of the course, complications and outcomes of diseases of internal organs; methods of collecting complaints and anamnesis in patients (their legal representatives); methods of physical examination of patients (examination, palpation, percussion, auscultation); a list of methods of laboratory and instrumental investigations to assess the patient's condition, the main medical indications for conducting research and interpreting the results; clinical signs of sudden cessation of	identify clinical signs of conditions requiring emergency medical care; identify conditions requiring emergency medical care, including clinical signs of sudden cessation of blood circulation and respiration	provision of emergency medical care to patients with sudden acute diseases, conditions, exacerbation of chronic diseases without obvious signs of a threat to the patient's life; state recognition. posing a threat to the life of the patient, including conditions of clinical death (stopping the vital functions of the human body (blood circulation and / or respiration), requiring emergency medical care; providing emergency medical care to patients in conditions that pose a threat to the patient's life, including clinical death (stoppage of vital functions of the human body (blood circulation and/or respiration)

				blood circulation and/ or respiration		
14.	PC-3	Able to: provide emergency medical care to patients in case of sudden acute diseases, conditions, exacerbation of chronic diseases without obvious signs of a threat to the patient's life, provide emergency medical care to patients in conditions that threaten the patient's life, including clinical death (suspension of vital functions the human body (circulation and/or respiration)	IPC 3.1 Knows: basic cardiopulmonary resuscitation rules; principles of operation of devices for external electropulse therapy (defibrillation); rules for performing external electropulse therapy (defibrillation) in case of sudden cessation of blood circulation and / or respiration IPC 3.2 Able to: perform measures to provide medical care in urgent and emergency forms; basic cardiopulmonary resuscitation in combination with electrical impulse therapy (defibrillation)	basic cardiopulmonary resuscitation rules; principles of operation of devices for external electropulse therapy (defibrillation); rules for performing external electrical impulse therapy (defibrillation) in case of sudden cessation of blood circulation and / or respiration	perform measures to provide medical care in urgent and emergency forms; basic cardiopulmonary resuscitation in combination with electrical impulse therapy (defibrillation)	provision of emergency medical care to patients in conditions that pose a threat to the patient's life, including clinical death (stopping vital functions of the human body (blood circulation and/or respiration)
15.	PC-4	Able to use medicines and medical devices for providing medical care in emergency forms	IPC 4.1 Knows: basic cardiopulmonary resuscitation rules; principles of operation of devices for external electropulse therapy (defibrillation); rules for performing external electropulse therapy (defibrillation) in case of sudden cessation of blood circulation and / or respiration IPC 4.2 Able to: perform measures to provide medical care in urgent and emergency forms; basic cardiopulmonary resuscitation in combination with electrical impulse therapy (defibrillation)	modern methods of using medicines, medical devices for diseases and conditions in accordance with the current procedures for providing medical care, clinical recommendations (treatment protocols) on the provision of medical care taking into account the standards of medical care in the provision of medical care in emergency or urgent	prescribe medicines, medical devices taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for providing medical care, clinical recommendations (treatment protocols) on the medical care delivery in emergency or urgent forms	provision of emergency medical care to patients in conditions that pose a threat to the patient's life, including clinical death (stopping vital functions of the human body (blood circulation and/or respiration)

				forms; the mechanism of action of drugs, medical devices, medical indications and contraindications to their use; complications caused by their use; principles of operation of devices for external electric pulse therapy (defibrillation); rules for performing external electric pulse therapy (defibrillation) in case of sudden cessation of blood circulation and / or respiration		
16.	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	IPC 5.1 Knows: Legislation of the Russian Federation in the field of health care, regulatory legal acts and other documents that determine the activities of medical organizations 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 (examination, palpation, percussion, auscultation); etiology, pathogenesis and pathomorphology, clinical picture, differential diagnosis, course features, complications and outcomes of diseases of internal organs; regularity and	the legislation of the Russian Federation in the field of health care, regulations and other documents that determine the activities of medical organizations and healthcare workers; method of collecting complaints, anamnesis of life and disease of the patient; a technique for a complete physical examination	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 incl. modern	collection of complaints, anamnesis of life and disease of the patient; a complete physical examination of the patient (examination, palpation, percussion, auscultation); formulating a preliminary diagnosis and drawing up a plan for laboratory and instrumental examinations of the patient

			<p>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 research, rules for interpreting their results</p> <p>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 (examination, palpation, percussion, auscultation) and interpret its results; determine the sequence of volume, content and sequence of diagnostic measures</p>	<p>of the patient (examination, palpation, percussion, auscultation); etiology, pathogenesis and pathomorphology, clinical aspect, differential diagnosis, clinical 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 examinations for assessing the state of health, medical indications for conducting investigations, rules for interpreting their results</p>	digital technologies	
17.	PC-6	Able to send a patient to	IPC 6.1 Knows: general issues of organizing medical care for the	general issues of organizing	justify the need and scope of	referral of a patient for laboratory

		<p>laboratory, instrumental examination, to a consultation with specialist doctors if there are medical indications in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on providing 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 medical care delivery, clinical recommendations (treatment protocols) on the medical care delivery taking into account the standards of medical care</p>	<p>population, methods of laboratory and instrumental studies to assess the state of health, medical indications 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 to specialist doctors; determine medical indications for the provision of an ambulance, including other specialized ambulance, medical care</p>	<p>medical care for the population, methods of laboratory and instrumental examinations to assess the state of health, medical indications for conducting examinations , 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</p>	<p>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 emergency specialized, medical care</p>	<p>examination if there is a medical indication in accordance with the current procedures for the provision of medical care, clinical guidelines and (treatment protocols) on the provision of medical care, taking into account the standards of medical care; referral of a patient for an instrumental examination if there are medical indications in accordance with the current procedures for the provision of medical care, clinical recommendations and (treatment protocols) on the provision of medical care, taking into account the standards of medical care; referral of a patient for a consultation with specialist doctors if there are medical indications in accordance with the current procedures for the provision of medical care, clinical guidelines and (treatment protocols) on the provision of medical care, taking into account the standards of</p>
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						medical care: referral of a patient for specialized other medical care in an inpatient setting or in a day hospital setting, if medically indicated, in accordance with the current procedures for the provision of medical care, clinical guidelines and (treatment protocols) on the provision of medical care, taking into account the standards of care
18.	PC-7	Able to: make a differential diagnosis with other diseases/conditions including emergencies, 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 amount of additional research; 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 data obtained during	etiology, pathogenesis and pathomorphology, clinical aspect, differential diagnosis, clinical features, complications and outcomes of diseases of internal organs; methods of laboratory and instrumental examinations for assessing the state of health, medical indications for conducting examinations, rules for interpreting their results; ICD	analyze the results of the patient's examination, if necessary, justify and plan the scope of additional examinations ; 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	differential diagnosis with other diseases/conditions, including emergencies: diagnosis based on the current international statistical classification of diseases and related health problems (ICD)

			consultations of the patient by medical specialists; to carry out differential diagnostics of diseases of internal organs from other diseases		specialists; to carry out differential diagnostics of diseases of internal organs from other diseases	
19.	PC-8	Able to: develop a treatment plan for a disease or condition and prescribe medicine, medical devices, therapeutic nutrition and non-drug treatment taking into account the diagnosis, age and clinical picture in accordance with current procedures for the medical care delivery, clinical recommendations (treatment protocols) on the provision of medical care taking into account the standards of medical care and to evaluate the effectiveness and safety of the use of medicines, medical devices, therapeutic nutrition and other methods of treatment	IPC 8.1 Knows: modern methods of using medicines, medical devices and clinical nutrition for diseases and conditions in a patient in accordance with the current procedures for the provision of medical care, clinical recommendations and (treatment protocols) on the provision of medical care, taking into account the standards of medical care; mechanism of action of drugs medical products and medical nutrition, medical indications and contraindications to their use; complications caused by their use; modern methods of non-drug treatment of diseases and conditions in a patient in accordance with the current procedures for the provision of medical care, clinical guidelines(treatment protocols) on the provision of medical care, taking into account the standards of medical care; mechanism of action of non-drug treatment; medical indications and contraindications to its appointment; side effects, complications caused by its use IPC 8.2 Able to: draw up a treatment plan for the disease and the patient's condition, taking into account the diagnosis, the age of the patient, the clinical picture of the disease in accordance with the	modern methods of using medicines, medical devices and therapeutic nutrition in diseases and conditions of the patient in accordance with the current procedures for medical care, clinical recommendations (treatment protocols) on the provision of medical care taking into account the standards of medical care; the mechanism of action of medicines, medical devices and therapeutic nutrition, medical indications and contraindications to their use; complications caused by their use; modern methods of non-drug treatment of diseases and conditions of the patient in accordance with current medical care	draw up a treatment plan for the disease and the patient's condition taking into account the diagnosis, the patient's age, the clinical picture of the disease in accordance with the current procedures for providing medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care; prescribe medications, medical devices and therapeutic nutrition taking into account the diagnosis, age and clinical picture of the disease in accordance with the current medical care procedures, clinical recommendations (treatment	development of a treatment plan for a disease or condition, taking into account the diagnosis, age and clinical picture in accordance with the current procedures for the provision of medical care, clinical guidelines and (treatment protocols) on the provision of medical care, taking into account the standards of medical care: prescribing drugs, medical devices and clinical nutrition considering the diagnosis, age and clinical presentation of the disease and in accordance with the current procedures for the provision of medical care. clinical guidelines and (treatment protocols) on the provision of medical care, taking into account the standards of care: prescribing non-drug treatment taking into account the diagnosis, age

			<p>current procedures for the provision of medical care, clinical guidelines and (treatment protocols) on the provision of medical care, taking into account the standards of medical care; prescribe medicines, medical devices and therapeutic nutrition, taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care clinical guidelines and (treatment protocols) on the provision of medical care, taking into account the standards of medical care; prescribe non-pharmacological treatment taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical guidelines and (treatment protocols) on the provision of medical care, taking into account the standards of medical care; evaluate the effectiveness and safety of the use of medicines, medical devices and clinical nutrition</p>	<p>procedures, clinical recommendations (treatment protocols) on the provision of medical care taking into account the standards of medical care; action mechanism of non-drug treatment; medical indications and contraindications to its prescription; side effects, complications caused by its use</p>	<p>protocols) on the provision of medical care taking into account the standards of medical care; prescribe non-drug treatment taking into account the diagnosis, age and clinical picture of the disease in accordance with the current medical care procedures, clinical recommendations (treatment protocols) on issues related to the provision of medical care taking into account the standards of medical care; evaluate the effectiveness and safety of the use of medicines, medical devices and therapeutic nutrition</p>	<p>and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical recommendations and (treatment protocols) on the provision of medical care, taking into account the standards of medical care; assessment of the effectiveness and safety of the use of medicines, medical devices, clinical nutrition and other methods of treatment</p>
20.	PC-9	<p>Able to provide palliative care in cooperation with specialist doctors and other medical professionals</p>	<p>IPC 9.1 Knows how to provide palliative care IPC 9.2 Able to: Prescribe medicines, medical devices and nutritional therapy, taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical guidelines and (treatment protocols) on the provision of medical</p>	<p>the procedure for providing palliative care</p>	<p>prescribe medicines, medical devices and therapeutic nutrition taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures</p>	<p>provision of palliative care in cooperation with medical specialists and other medical workers</p>

			care, taking into account the standards of medical care; prescribe non-drug treatment, taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical guidelines and (treatment protocols) on the provision of medical care, taking into account the standards of medical care; evaluate the effectiveness and safety of the use of medicines, medical devices and clinical nutrition		for providing medical care, clinical recommendations (treatment protocols) on the provision of medical care taking into account the standards of medical care; prescribe non-drug treatment taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care taking into account the standards of medical care; evaluate the effectiveness and safety of the use of medicines, medical devices and medical nutrition	
21.	PC-10	Able to: organize personalized treatment of the patient including pregnant women, elderly and senile patients, evaluate the effectiveness and safety of	IPC 10.1 Knows: modern methods of using medicines, medical devices and clinical nutrition for diseases and conditions in a patient in accordance with the current procedures for the provision of medical care, clinical	modern methods of using medicines, medical devices and therapeutic nutrition in diseases and conditions of the patient in	Able to: prescribe medicines, medical devices and medical nutrition taking into account the diagnosis, age and	prescribing medicines, medical devices and therapeutic nutrition, taking into account the diagnosis, age and clinical picture of the disease and in accordance with

		<p>treatment</p>	<p>recommendations and (treatment protocols) on the provision of medical care, taking into account the standards of medical care; mechanism of action of drugs, medical products, medical nutrition, medical indications and contraindications to their use; complications caused by their use, modern methods of non-drug treatment of diseases and conditions in patients in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care, taking into account the standards of medical care; mechanism of action of non-drug treatment; medical indications and contraindications to its appointment; side effects, complications caused by its use IPC 10.2 Able to: prescribe medications, medical products and medical nutrition, taking into account the diagnosis. age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical guidelines and (treatment protocols) on the provision of medical care, taking into account the standards of medical care; prescribe non-medical treatment taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical guidelines and (treatment protocols) on the</p>	<p>accordance with the current procedures for medical care, clinical recommendations (treatment protocols) on the provision of medical care taking into account the standards of medical care; the mechanism of action of medicines, medical devices and therapeutic nutrition, medical indications and contraindications to their use; complications caused by their use; modern methods of non-drug treatment of diseases and conditions of the patient in accordance with current medical care procedures, clinical recommendations (treatment protocols) on the provision of medical care taking into account the standards of medical care; mechanism of action of non-drug treatment; medical indications and</p>	<p>clinical picture of the disease in accordance with the current procedures for providing medical care, clinical recommendations (treatment protocols) on the provision of medical care taking into account the standards of medical care; prescribe non-drug treatment taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care taking into account the standards of medical care; evaluate the effectiveness and safety of the use of medicines, medical devices and medical nutrition</p>	<p>the current procedures for the provision of medical care, clinical guidelines and (treatment protocols) on the provision of medical care, taking into account the standards of medical care; Evaluation of the effectiveness and safety of the use of medicines, medical devices, clinical nutrition and other methods of treatment</p>
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			provision of medical care, taking into account the standards of medical care; evaluate the effectiveness and safety of the use of medicines, medical devices and clinical nutrition	contraindications to its prescription; side effects, complications caused by its use		
22.	PC-11	Able to carry out an examination of temporary disability and work as a part of a medical commission carrying out an examination of temporary disability	IPC 11.1 Knows: the procedure for the examination of temporary disability and the signs of a patient's temporary disability; rules for processing and issuing medical documents when referring patients to provide specialized other medical care, to sanatorium and resort treatment. for medical and social examination IPC 11.2 Able to: identify signs of temporary disability and signs of persistent impairment of body functions due to diseases, consequences of injuries or defects	the procedure for the examination of temporary disability and signs of temporary disability of the patient; the rules for registration and issue of medical documents when referring patients for specialized medical care, sanatorium treatment, medical and social examination	identify signs of temporary disability and signs of persistent impairment of body functions caused by diseases, the consequences of injuries or defects	referral of a patient with a permanent impairment of body functions due to diseases, consequences of injuries or defects, for a medical and social examination Conducting an examination of temporary disability and working as part of a medical commission, they carry out an examination of temporary disability Preparation of the necessary medical documentation for the implementation of a medical and social examination in federal state institutions of medical and social expertise
23.	PC-17	Able to: conduct dispensary monitoring of patients with identified chronic non-communicable diseases and carry out medical examination of the adult population in order to early detect chronic non-communicable diseases and the main risk factors for	IPC 17.1 Knows: normative legal acts and other documents regulating the procedures for conducting medical examinations, clinical examination and dispensary observation; principles of dispensary observation of patients with non-communicable diseases and risk factors in accordance with regulatory legal acts and other documents; list of medical specialists involved in medical	regulatory legal acts and other documents regulating the procedures for conducting medical examinations, medical survey and dispensary supervision; principles of dispensary supervision	to carry out medical examination of the adult population for the purpose of early detection of chronic non-communicable diseases, the main risk factors for their development; to carry out dispensary	prescribing preventive measures to patients taking into account risk factors in accordance with the current procedures for the provision of medical care, recommendations and (treatment protocols) on the provision of medical care,

		<p>their development in accordance with current regulatory legal acts and other documents</p>	<p>examinations, medical examinations IPC 17.2 Can: conduct medical examinations of the adult population in order to early identify chronic non-infectious diseases, the main risk factors for their development; conduct dispensary observation of patients with identified chronic non-communicable diseases, including patients with high and very high cardiovascular risk</p>	<p>of patients with non-communicable diseases and risk factors in accordance with regulatory legal acts and other documents; list of specialist doctors involved in conducting medical examinations, medical survey</p>	<p>observation of patients with identified chronic non-communicable diseases, including patients with high and very high cardiovascular risk</p>	<p>taking into account the standards of medical care; monitoring compliance with preventive measures</p>
24.	PC-22	<p>Able to: maintain medical records, also in the electronic form in the MIS</p>	<p>IPC 22.1 Knows: legislation in the Russian Federation in the field of health care, regulatory legal acts and other documents that determine the activities of medical organizations and medical workers: rules for working in information systems and information telecommunication network "Internet"; rules for issuing medical documentation in medical organizations providing medical care on an outpatient basis, including at home when a medical worker is called IPC 22.2 Able to: fill in medical documentation, including in electronic form; work with personal data of patients and information constituting a medical secret; use in professional activities information systems and information telecommunications network "Internet"</p>	<p>the legislation of the Russian Federation in the field of health protection, regulatory legal acts and other documents defining the activities of medical organizations and medical workers; rules for working in information systems and information and telecommunication network "the Internet"; rules for registration of medical documentation in medical organizations providing outpatient medical care including medical worker's home visits</p>	<p>fill out medical documentation including in the electronic form in MIS; work with personal data of patients and information constituting a medical secret; use information systems and information and telecommunication network, the Internet, in professional activities</p>	<p>maintaining medical records, including in electronic form</p>

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	UC-1, 3, 4, 5 GPC-1, 4, 5, 6, 7, 8, 11 PC-1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 17, 22	Surgical diseases of the digestive system	Surgical diseases of the esophagus. Diaphragmatic hernias. Hernias of the anterior abdominal wall. Surgical diseases of the large intestine. Surgical diseases of the rectum Acute appendicitis. Acute intestinal obstruction. Peptic ulcer of the stomach and duodenum. Surgical diseases of the organs of the hepato-biliary system. Pancreatitis, pancreatic necrosis.
2	UC-1, 3, 4, 5 GPC-1, 4, 5, 6, 7, 8, 11 PC-1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 17, 22	Surgical diseases of the bronchopulmonary system and pleura	Suppurative diseases of the lungs and pleura. Specific inflammatory diseases of the lungs. Congenital malformations of the lungs. Congenital and acquired lung cysts.
3	UC-1, 3, 4, 5 GPC-1, 4, 5, 6, 7, 8, 11 PC-1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 17, 22	Surgical diseases of the cardiovascular system	Acute and chronic diseases of the venous and lymphatic systems. Acute and chronic diseases of the aorta and peripheral arteries. Cardiac ischemia; arrhythmias and conduction disturbances. Acquired heart defects; infective endocarditis. Congenital heart defects
4	UC-1, 3, 4, 5 GPC-1, 4, 5, 6, 7, 8, 11 PC-1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 17, 22	Surgical diseases of the endocrine organs	Congenital anomalies of the thyroid gland. Goiter. Adenoma, thyroid cancer. Hormonally active tumors of the pancreas. Hormonally active tumors of the adrenal glands.
5	UC-1, 3, 4, 5 GPC-1, 4, 5, 6, 7, 8, 11 PC-1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 17, 22	Purulent diseases of soft tissues. Osteomyelitis.	Purulent diseases of the skin, soft tissues (furuncle, carbuncle, abscess, phlegmon). hospital infection. Pathogenesis and classification of osteomyelitis. Hematogenous osteomyelitis and its complications.
6	UC-1, 3, 4, 5 GPC-1, 4,	Injuries of the chest and abdominal cavities.	Bleeding: portal hypertension and bleeding from varicose veins of the esophagus, Mallory-Weiss syndrome. Blood transfusions.

	5, 6, 7, 8, 11 PC-1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 17, 22	Bleeding. Complications.	Injuries to the chest and abdomen. Complications of the postoperative period.
7	UC-1, 3, 4, 5 GPC-1, 4, 5, 6, 7, 8, 11 PC-1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 17, 22	Final lesson. Exam.	Solution of situational problems, oral interview on the examination ticket, demonstration of practical skills in diagnosing surgical diseases

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)	10	11		
Classroom work, including						
Lectures (L)	0,8	28	14	14		
Laboratory practicum (LP)*						
Practicals (P)	4	146	74	72		
Seminars (S)						
Student's individual work (SIW)	3,2	114	56	58		
Mid-term assessment						
exam	1	36		36		
TOTAL LABOR INTENSITY	9	324	144	180		

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	Surgical diseases of the digestive system	10		74		58	142
2	Surgical diseases of the bronchopulmonary system and pleura	6		14		6	26
3	Surgical diseases of the cardiovascular system	5		20		20	45
4	Surgical diseases of the endocrine organs	2		8		6	16
5	Purulent diseases of soft tissues. Osteomyelitis.	2		8		6	16
6	Injuries of the chest and abdominal cavities. Bleeding. Complications.	3		22		18	43
7	Final lesson. Exam.						36
	TOTAL	28		146		114	324

* - 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 10	semester 11
1	Acute disorders of the mesenteric circulation	2	
2	Life-threatening complications of peptic ulcer	2	
3	Open and closed abdominal trauma	2	
4	Portal hypertension	2	
5	Peritonitis, sepsis	2	
6	Surgical diseases of the organs of the hepato-biliary system	2	
7	Pancreatitis, pancreatic necrosis	2	
8	Purulent-destructive diseases of the chest organs		2
9	Open and closed chest trauma. Heart wounds		2
10	Massive pulmonary embolism: risk stratification, surgical tactics and treatment outcomes		2
11	Acquired and congenital heart defects. Infective endocarditis.		2
12	Surgical treatment of rhythm and conduction disorders of the heart. Modern possibilities of surgical treatment of coronary heart disease.		2
13	Arterial diseases (carotid atherosclerosis and thromboangiitis obliterans)		2
14	Diseases of the endocrine organs		2
	TOTAL (total - AH) 28		

6.2.2. The thematic plan of laboratory practicums

Curriculum not included.

6.2.3. Thematic plan of practicals

№	Name of the topics of practicals	Volume in AH	
		semester 10	semester 11
1	Surgical diseases of the esophagus	6	
2	Diaphragmatic hernia	7	
3	Hernias of the anterior abdominal wall	6	
4	Surgical diseases of the large intestine	7	
5	Surgical diseases of the rectum	7	
6	Acute appendicitis	7	
7	Acute intestinal obstruction	7	
8	Peptic ulcer of the stomach and duodenum	7	
9	Surgical diseases of the organs of the hepato-biliary system	7	

10	Pancreatitis, pancreatic necrosis	7	
11	Peritonitis; sepsis	6	
12	Surgical diseases of the endocrine organs		7
13	Suppurative diseases of soft tissues; osteomyelitis		7
14	Suppurative diseases of the lungs and pleura		7
15	Bleeding		7
16	Chest and abdomen injuries		7
17	Complications of the postoperative period		7
18	Acute and chronic diseases of the venous and lymphatic systems		7
19	Acute and chronic diseases of the aorta and peripheral arteries		6
20	Cardiac ischemia; heart rhythm and conduction disorders		6
21	Acquired heart defects; infective endocarditis		6
22	congenital heart defects		6
23	Exam		36
	TOTAL (total - AH) 146+36 = 118 AH	74	72

6.2.4. Thematic plan of seminars

Curriculum not included.

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

№	Types and topics of SIW	Volume in AH	
		semester 10	semester 11
1	Life-threatening complications of diseases of the stomach and duodenum - work with literary and other sources of information on the section under study.	16	
2	Modern approaches to the use of antibiotics in surgery - the study of regulatory materials, including the results of clinical and biochemical analyzes of body fluids, the results of instrumental studies.	20	
3	Strangulated hernias. Diaphragmatic hernias. Rare hernias. Diagnostics, surgical treatment. Modern technologies in the treatment of peritonitis. Minimally invasive interventions in abdominal surgery. Purulent diseases of soft tissues. surgical sepsis. Diagnosis, treatment. Infusion-transfusion therapy in surgical patients. parenteral nutrition. Gastrointestinal bleeding. Complications of cholelithiasis. - Fulfillment of individual tasks provided for by the work program in the form of writing case histories.	20	
4	Testing.		
5	Surgical tactics in acute abdominal ischemia. Liver diseases. portal hypertension. Open and		29

	closed abdominal trauma Urgent conditions in thoracic surgery. Tumors and cysts of the mediastinum. Diseases of the esophagus - solving variant problems and exercises, solving situational professional problems.		
6	Design and modeling of various types and components of professional activity.		
7	Preparation for participation in classes in an interactive form (role-playing and business games, trainings, game design, discussions).		
8	Preparation for participation in classes in an interactive form (role-playing and business games, trainings, game design, discussions).		
9	Surgical treatment of external and internal abdominal hernias. Modern approaches to the treatment of acute pancreatitis and its complications. Surgical treatment of acute intestinal obstruction. Modern technologies in abdominal surgery. Writing abstracts, abstracts, preparation of reports, speeches.		29
10	Preparation for tests and exams.		
	TOTAL (total - AH) 114	56	58

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.	10 11	Current monitoring Control of mastering the topic	1. Surgical diseases of the digestive system 2. Surgical diseases of the bronchopulmonary system and pleura 3. Surgical diseases of the cardiovascular system 4. Surgical diseases of the endocrine organs 5. Purulent diseases of soft tissues. Osteomyelitis. 6. Injuries of the chest and abdominal cavities.	UC-1, 3, 4, 5 GPC-1, 4, 5, 6, 7, 8, 11 PC-1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 17, 22	Making medical histories. Abstract writing. Tested. Solution of situational problems.	10	2

				Bleeding. Complications.				
			Monitoring the student's individual work	1. Surgical diseases of the digestive system 2. Surgical diseases of the bronchopulmo nary system and pleura 3. Surgical diseases of the cardiovascular system 4. Surgical diseases of the endocrine organs 5. Purulent diseases of soft tissues. Osteomyelitis. 6. Injuries of the chest and abdominal cavities. Bleeding. Complications.	UC-1, 3, 4, 5 GPC-1, 4, 5, 6, 7, 8, 11 PC-1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 17, 22	Making medical histories. Abstract writing. Tested. Solution of situation al problem s.	10	2
2.	11	Mid- term assessment	Exam	1. Surgical diseases of the digestive system 2. Surgical diseases of the bronchopulmo nary system and pleura 3. Surgical diseases of the cardiovascular system 4. Surgical diseases of the endocrine organs 5. Purulent diseases of soft tissues. Osteomyelitis. 6. Injuries of the chest and abdominal cavities. Bleeding.	UC-1, 3, 4, 5 GPC-1, 4, 5, 6, 7, 8, 11 PC-1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 17, 22	Intervie w at the ticket exam.		

				Complications.				
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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	Surgical diseases: in 2 volumes. N.V. Merzlikin et al. M. : GEOTAR-Media, 2012	1	30
2	Surgical diseases: in 2 volumes, ed. V.S. Saveliev. - M. GEOTAR-Media, 2014. - 608s.	1	30
3	Surgical diseases, ed. A.F. Chernousova - M. : GEOTAR-Media, 2012.	1	30

8.2. Further reading

№	Name according to bibliographic requirements	Number of copies	
		at the department	in the library
1	Peritonitis: a practical guide ed. V.S. Saveliev, ed. B. R. Gelfand, red. M.I. Filimonov. M.: Litterra, 2006. - 208 p.	1	5
2	Selected course of lectures on purulent surgery: textbook ed. V.D. Fedorov, red. A.M. Svetukhin. M.: Miklosh, 2007. - 365 p.	1	5
3	General surgical skills: textbook by V.I. Osretkov. Rostov n / a: Phoenix, 2007. - 256 p.	1	5
4	Propaedeutics of surgery: textbook by V. K. Gostishchev, ed. A. I. Kovalev. 2nd ed., rev. and additional - M. : MIA, 2008. - 904 p.	1	5

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
	Internal Electronic Library System of the University (IELSU)	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	Textbooks and teaching aids for higher medical and	Access by individual login	Not limited

	"Medicine. Healthcare (SPO)" as part of the database "Electronic library of a technical university (ELS "Student Consultant"	pharmaceutical education	and password from any computer and mobile device	
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 subscription publications is formed point by point.	Access by individual login and password from any computer and mobile device	Not limited
4	Electronic periodicals in the database "SCIENTIFIC ELECTRONIC LIBRARY eLIBRARY"	Electronic medical journals	Access - from the computers of the university	Not limited

8.3.3 Open access resources

№	Name of the electronic resource	Brief description (content)	Access conditions
1	EBS "Urayt". Access mode: http://biblio-online.ru .	Textbooks and teaching aids for higher medical and pharmaceutical education	Not limited
2	EBS "Student Advisor". Access mode: http://www.studentlibrary.ru .	Textbooks and teaching aids for higher medical and pharmaceutical education	Not limited
3	EBS "Lan". Access mode: http://e.www.lanbook.com/ .	Textbooks and teaching aids for higher medical and pharmaceutical education	Not limited
4	EBS "Znaniy.com". Access mode: www.znaniy.com .	Textbooks and teaching aids for higher medical and pharmaceutical education	Not limited

9. Material and technical support for mastering an academic discipline

9.1. List of premises for classroom activities for the discipline

1. Lecture hall
2. Study rooms (5)
3. Departments of a clinical hospital with wards for patients (two surgical departments with 30 beds each)
4. Reception department for emergency and planned patients
5. Operating block with intensive care and intensive care units
6. Treatment and dressing rooms
7. Diagnostic departments and offices: radiation diagnostics, ultrasound, endoscopic department, laboratory departments, blood transfusion department

9.2. List of equipment for classroom activities for the discipline

1. Surgical instruments, devices, high-tech equipment (bases of the department)
2. Multimedia complex (laptop, projector, screen)
3. Kodascope
4. PC with Internet access
5. Sets of slides, tables, multimedia visual materials, videos on the topics of lectures and practical exercise

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 faculty of surgery and transplantology

CHANGE REGISTRATION SHEET

working program for the academic discipline
HOSPITAL SURGERY

Field of study / specialty / scientific specialty: 31.05.01 GENERAL MEDICINE _____
(code, name)

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

Mode of study: FULL-TIME
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
Protocol No. _____ of _____ 20__

Head of the Department faculty
of surgery and transplantology
MD, Professor Zagainov V. E.
department name, academic title

_____/_____
signature print name