

*Summary of the working program of the academic discipline*

**«HOSPITAL SURGERY»**

General Educational Program of higher education (specialist's degree programs )

31.05.01 General Medicine

Department: FACULTY OF SURGERY AND TRANSPLANTOLOGY

**1. The purpose of mastering the discipline:** participation in the formation of competencies - UC-1, UC-3, UC-4, UC-5, GPC-1, GPC-4, GPC-5, GPC-6, GPC-7, GPC-8, GPC-11, PC-1, PC-2, PC-3, PC-4, PC-5, PC-6, PC-7, PC-8, PC-9, PC-10, PC-11, PC-17, PC-22

**2. Position of the academic discipline in the structure of the General Educational Program (GEP).**

**2.1.** The discipline refers to the core part of Block 1 of GEP HE

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

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

№	Competence code	The content of the competence (or its part)	Code and name of the competence acquisition metric	As a result of mastering the discipline, the students should:		
				know	be able to	possess
1.	UC-1	Able to carry out a critical analysis of problem situations based on a systematic approach, develop an action strategy	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 achievement s; 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	IUC 3.1 Knows: problems of selection of an effective team; basic conditions for effective teamwork; fundamentals of	the problems of selecting an effective team; basic conditions	determine the management style for the effective	Has practical experience in: participation in the development of

		strategy to achieve the goal	<p>strategic human resource management, 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>for effective teamwork; the basics of 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>team work; develop a team strategy; apply the principles and methods of organizing team activities</p>	<p>a team work strategy; participation in teamwork, role distribution in the team interaction</p>
3.	UC-4	Able to apply modern communication technologies, including the use of a foreign language(s), for academic and professional interaction	<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</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</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>

			foreign languages related to professional activities; experience in translating medical texts from a foreign language into Russian; experience of speaking Russian and foreign languages	technologies		
4.	UC-5	Able to analyze and take into account the diversity of cultures in the process of cross-cultural interaction	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 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, ethnocultural, professional features IUC 5.3 Has practical experience: productive interaction in a professional environment, taking into account national, ethnocultural, professional features; overcoming communication, educational, ethnic, professional and other barriers in the process of intercultural interaction	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, ethnocultural, professional features	Has practical experience in: productive interaction in the professional environment taking into account national, ethnocultural, professional features; overcoming communicative, educational, ethnic, professional 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	IGPC 1.1 Knows: basics of medical ethics and deontology; fundamentals of legislation in the field of health care; legal aspects of medical practice 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	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	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)

			<p>of health care in solving problems of professional activity; apply the rules and norms of interaction moral and legal norms, ethical and 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>solving problems of professional activity; apply the rules and norms of interaction between a doctor and colleagues and patients (their legal representatives)</p>	, knowledge of the legal aspects of medical practice
6.	GPC-4	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>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</p>	<p>the methodology of collecting anamnesis of life and diseases, complaints of patients (their legal representatives); examination procedure; and physical examination; clinical aspect,</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</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;</p>

			<p>conducting studies, rules for interpreting their results; international statistical classification of diseases and related health problems (ICD); conditions requiring emergency medical care; the procedure for the use of medical devices in accordance with the current procedures for the provision of medical, clinical recommendations 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,</p>	<p>methods of diagnosis of the most common diseases; methods of laboratory and 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>patients; interpret the results of examination and physical examination of patients; diagnose the 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</p>	<p>diagnosis of the most common diseases; identification of risk factors for major oncological 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</p>
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		<p>subject to standards of care; refer patients for consultations to specialist doctors in accordance with the procedures for the provision of medical 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</p>		<p>of medical care; refer patients for consultations to medical specialists in accordance with the procedures of medical care, clinical recommendations 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</p>	<p>sudden acute diseases, exacerbation of chronic diseases without obvious signs of a threat to the patient's 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>conducting instrumental puff. laboratory, additional research, consultations of medical specialists; referral of patients for instrumental, laboratory, additional 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>		<p>with current medical procedures, clinical recommendations (treatment protocols) on the provision of medical care, assistance taking into account the standards of medical care</p>	
7.	GPC-5	<p>Able to assess morphofunctional, physiological conditions and pathological processes in the human body to solve professional problems</p>	<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</p>	<p>anatomy, histology, embryology, topographic anatomy, physiology, pathological anatomy and physiology of human organs and</p>	<p>evaluate the basic morphological and functional data, physiological conditions and pathological processes in</p>	<p>Has practical experience in: assessment of basic morphological and functional data, physiological conditions and pathological processes in the human body</p>

			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 pathological processes in the human body when solving professional problems	systems	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	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 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	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	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	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



			<p>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 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</p>	<p>conditions; principles of medical evacuation in emergency situations, epidemics and in centers of mass destruction; principles of work in centers of mass destruction; principles of organization of patient care, first aid treatment</p>	<p>and (or) respiration); use medicines and medical products when providing medical care in emergency conditions; perform basic cardiopulmonary resuscitation; use personal protective equipment; organize patient care, provide primary health care</p>	<p>medicines and medical products in the provision of medical care in case of emergency conditions and epidemics; use of personal protective equipment; organization of patient care, first aid measures</p>
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			primary health care			
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 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 e; 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</p>	<p>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 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>develop a treatment plan 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; 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>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, 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</p>

			<p>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 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: 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</p>		<p>the effectiveness and safety of the use of drugs, medical devices and non-drug treatment of patients with the most common diseases; 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</p>
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			diseases without obvious signs of a threat to the patient's life in an emergency			in the provision of medical care in an emergency form
10.	GPC-8	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	IGPC 8.1 Knows: the procedures for organizing medical rehabilitation, including the implementation of individual programs for the rehabilitation and 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 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	procedures for the organization of medical rehabilitation , including the 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	develop an action plan for the medical rehabilitation of patients including the 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	Has practical experience in: drawing up a plan of measures for medical rehabilitation of 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

		<p>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 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</p>	<p>eliminate complications, side effects, adverse reactions, including serious and unforeseen, arising as a result of medical rehabilitation measures; procedure for examination 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>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 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>	<p>implementation of individual rehabilitation and habilitation programs for disabled people</p>
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			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 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:	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	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

			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	, 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 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	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	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

			requiring emergency medical care, including clinical signs of sudden cessation of blood circulation and breathing	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 blood circulation and/ or respiration		pose a threat to the patient's life, including clinical death (stoppage of vital functions of the human body (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	modern methods of using medicines, medical devices for diseases and conditions in accordance with the	prescribe medicines, medical devices taking into account the diagnosis, age and clinical picture of the	provision of emergency medical care to patients in conditions that pose a threat to the patient's life, including clinical death (stopping vital



			<p>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)</p>	<p>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 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</p>	<p>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</p>	<p>functions of the human body (blood circulation and/or respiration)</p>
16.	PC-5	Able to collect complaints, anamnesis of the	IPC 5.1 Knows: Legislation of the Russian Federation in the field of health care,	the legislation of the Russian Federation in	collect complaints, anamnesis of life and	collection of complaints, anamnesis of life and disease

		<p>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</p>	<p>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 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 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>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 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</p>	<p>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 digital technologies</p>	<p>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>
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				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		
17.	PC-6	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	IPC 6.1 Knows: general issues of organizing medical care for the population, methods of laboratory and instrumental studies to assess the state of health, medical indications 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	general issues of organizing 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,	justify the need and scope of laboratory examination of the patient; justify the need and scope of instrumental examination of the patient; justify the need to refer the patient for consultations with specialist doctors; determine medical indications for the provision of emergency, including emergency specialized, medical care	referral of a patient for laboratory 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,

		<p>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>care</p>	<p>standards of medical care</p>		<p>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 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</p>
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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 consultations of the patient by medical specialists; to carry out differential diagnostics of diseases of internal organs from other diseases	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 specialists; to carry out differential diagnostics of diseases of internal organs from other diseases	differential diagnosis with other diseases/conditions, including emergencies: diagnosis based on the current international statistical classification of diseases and related health problems (ICD)
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	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	modern methods of using medicines, medical devices and therapeutic nutrition in diseases and conditions of the patient in accordance with the	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	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

		<p>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</p>	<p>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 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</p>	<p>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; action mechanism of non-drug treatment; medical indications</p>	<p>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 protocols) on the provision of medical care; prescribe non-drug treatment taking into account the diagnosis, age and clinical picture of the disease in</p>	<p>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 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</p>
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			<p>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>and contraindications to its prescription; side effects, complications caused by its use</p>	<p>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>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 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</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 for providing medical care, clinical recommendations (treatment protocols) on the provision of medical care taking into account the standards of medical care; prescribe</p>	<p>provision of palliative care in cooperation with medical specialists and other medical workers</p>

			<p>medical care; evaluate the effectiveness and safety of the use of medicines, medical devices and clinical nutrition</p>		<p>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>	
21.	PC-10	<p>Able to: organize personalized treatment of the patient including pregnant women, elderly and senile patients, evaluate the effectiveness and safety of treatment</p>	<p>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 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</p>	<p>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</p>	<p>Able to: prescribe medicines, medical devices and medical nutrition taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for providing medical care, clinical recommenda</p>	<p>prescribing medicines, medical devices and therapeutic nutrition, taking into account the diagnosis, age and clinical picture 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</p>



			<p>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</p> <p>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 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>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 contraindications to its prescription; side effects, complications caused by its use</p>	<p>tions (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 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>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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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 their development in accordance with current regulatory legal acts and other	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 examinations, medical examinations IPC 17.2 Can: conduct medical examinations of the	regulatory legal acts and other documents regulating the procedures for conducting medical examinations , medical survey and dispensary supervision; principles of dispensary supervision of patients with non-communicable diseases and risk	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 observation of patients with identified chronic non-	prescribing preventive measures to patients taking into account risk factors 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; monitoring

		documents	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	factors in accordance with regulatory legal acts and other documents; list of specialist doctors involved in conducting medical examinations, medical survey	communicable diseases, including patients with high and very high cardiovascular risk	compliance with preventive measures
24.	PC-22	Able to: maintain medical records, also in the electronic form in the MIS	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"	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 telecommunications network "the Internet"; rules for registration of medical documentation in medical organizations providing outpatient medical care including medical worker's home visits	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	maintaining medical records, including in electronic form

#### 4. Volume of the academic discipline and types of academic work

Total labor intensity of the discipline is 9 CU (324 AH)

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						
credit/exam ( <i>specify the type</i> )	1	36		36		
<b>TOTAL LABOR INTENSITY</b>	<b>9</b>	<b>324</b>	<b>144</b>	<b>180</b>		

#### 5. Sections of the academic discipline and competencies that are formed

№	Competence code	Section name of the discipline
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
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
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
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
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.
6.	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	Injuries of the chest and abdominal cavities. Bleeding. Complications.
7.	UC-1, 3, 4, 5 GPC-1, 4, 5, 6, 7, 8, 11	Final lesson. Exam.

	PC-1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 17, 22	
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