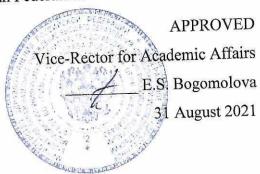
# Federal State Budgetary Educational Institution of Higher Education "Privolzhsky Research Medical University" Ministry of Health of the Russian Federation



### 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

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.

<b>Developers of the working program:</b> 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.  June, 1 2021  [Signature]
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 ${\bf r}$

Mastering the discipline aims at acquiring the following universal (UC) and general

professional (GPC) and professional (PC) competencies

				As a result	of mastering	the discipline,
	C	The content of the	Code and name of	th	e students sho	ould:
№	Competen	competence (or its	the competence			
	ce code	part)	acquisition metric	know	be able to	possess
		<b>1</b> · · · · · · ·	1	,		r
1.	UC-1	Able to carry out a	IUC 1.1 Knows: methods of critical	methods of critical	gain new knowledge	Has practical experience:
		critical	analysis and evaluation	analysis and	based on	researching the
		analysis of problem	of modern scientific	evaluation of	analysis,	problem of
		situations	achievements; basic	modern	synthesis,	professional
		based on a	principles of critical	scientific	etc.; collect	activity using
		systematic	analysis	achievements	data on	analysis,
		approach,	IUC 1.2 Able to: gain	; basic	complex	synthesis and
		develop an action	new knowledge based	principles of	scientific	other methods
		strategy	on analysis, synthesis, etc.; collect data on	critical analysis	problems related to the	of intellectual activity;
		~ · · · · · · · · · · · · · · · · · · ·	complex scientific	anarysis	professional	developing an
			problems related to the		field; search	action strategy
			professional field;		for	to solve
			search for information		information	professional
			and solutions based on		and solutions	problems
			action, experiment and		based on	
			experience IUC 1.3 Has practical		action, experiment	
			experience: researching		and	
			the problem of		experience	
			professional activity		emperience	
			using analysis,			
			synthesis and other			
			methods of intellectual			
			activity; developing an			
			action strategy to solve professional problems			
2.	UC-3	Able to organize	IUC 3.1 Knows:	the problems	determine	Has practical
~.		and manage the	problems of selection of	of selecting	the	experience in:
		work of the team,	an effective team; basic	an effective	management	participation in
1		developing a team	conditions for effective	team; basic	style for the	the
		1 0	teamwork;	conditions	effective	development of
1		strategy to achieve	fundamentals of	for effective	team work;	a team work
		the goal	strategic human resource management,	teamwork; the basics of	develop a team	strategy; participation in
			resource management,	uic basics of	team	participation in

			normative legal acts	strategic	strategy;	teamwork, role
			concerning the	human	apply the	distribution in
			organization and implementation of	resource management,	principles and methods	the team interaction
			professional activities;	regulatory	of organizing	interaction
			models of	legal acts	team	
			organizational behavior,	concerning	activities	
			factors in the formation	the		
			of organizational	organization		
			relations, strategies and	and		
			principles of teamwork,	implementati		
			the main characteristics	on of		
			of the organizational climate and the	professional activities;		
			interaction of people in	organizationa		
			the organization	l behavior		
			IUC 3.2 Able to:	models,		
			determine the	factors of		
			management style for	formation of		
			effective team work;	organizationa		
			develop a team strategy;	1		
			apply the principles and	relationships;		
			methods of organizing team activities	strategies and		
			IUC 3.3 Has practical	principles of		
			experience:	teamwork,		
			participation in the	the main		
			development of a team	characteristic		
			work strategy;	s of the		
			participation in team	organizationa		
			work, distribution of	l climate and		
			I roles in the conditions			
			roles in the conditions	interaction of		
			of team interaction	people in the		
3	IIC-4	Able to apply	of team interaction	people in the organization	express	Has practical
3.	UC-4	Able to apply		people in the	express thoughts in	Has practical experience in:
3.	UC-4	modern	of team interaction  IUC 4.1 Knows: the	people in the organization the basics of		
3.	UC-4	modern communication	of team interaction  IUC 4.1 Knows: the basics of oral and written communication in Russian and foreign	people in the organization the basics of oral and written communicati	thoughts in Russian and a foreign	experience in: writing texts in Russian and
3.	UC-4	modern communication technologies,	of team interaction  IUC 4.1 Knows: the basics of oral and written communication in Russian and foreign languages, the	people in the organization the basics of oral and written communicati on in Russian	thoughts in Russian and a foreign language in	experience in: writing texts in Russian and foreign
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			languages			
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, confessional features 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	the main categories of philosophy, the laws of historical development, the basics of intercultural communicati on; 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, confessional features	Has practical experience in: productive interaction in the professional environment taking into account national, ethnocultural, 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	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 of health care in solving problems of professional activity; apply the rules and norms of interaction moral and legal norms, ethical and	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

6.	GPC-4	Able to apply	deontological principles of behavior in the course of professional activity observe moral and legal norms in professional activities; express professional information in the process of intercultural interactions respecting the principles of ethics and deontology the skill of behavior in the implementation of professional activities of behavior in compliance with moral and legal norms, ethical and deontological principles doctor with colleagues and patients (their legal representatives) 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 IGPC 4.1 Knows the methodology for	the	between a doctor and colleagues and patients (their legal representatives)	Has practical experience in:
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	practice	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	collect complaints, anamnesis of life and disease of patients (their legal representativ es), 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	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

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 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

instrumental investigation s to assess the state of health, medical indications for conducting research, rules for interpreting their results; international statistical classification of diseases and healthrelated 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 recommendat ions (treatment protocols) on the medical care delivery taking into account the standards of medical care

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diseases; formulation of a common pathology preliminary diagnosis, patients; drawing up a identify risk plan for instrumental, factors for cancer: laboratory, formulate a additional investigations, preliminary consultations of diagnosis, to make a plan specialist doctors; referral conducting of patients for laboratory, instrumental, instrumental laboratory, additional additional investigations, investigation consultations of s of patients specialist doctors in accordance accordance with with the the current procedures procedures for for providing providing medical care, medical care, clinical clinical recommendat recommendatio ions taking ns taking into into account account the the standards standards of of medical medical care; care; to refer interpretation of patients to data from laboratory, additional instrumental (laboratory and instrumental) additional examinations of patients: investigation making a preliminary accordance with the diagnosis in accordance with current procedures the international for providing statistical medical care, classification of clinical diseases and recommendat problems ions, taking related to health into account (ICD); the standards differential of medical diagnosis of care; refer diseases; recognition of patients for consultations conditions to medical arising from specialists in sudden acute accordance diseases. with the exacerbation of procedures chronic diseases of medical without obvious care, clinical signs of a threat recommendat to the patient's

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 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 puff. laboratory, additional research, consultations of medical specialists; referral of patients for instrumental, laboratory, additional

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, exacerbation s of chronic diseases without obvious signs of lifethreatening. requiring medical care in an urgent form; use medical devices in accordance with current medical procedures, clinical recommendat ions (treatment protocols) on the provision of medical care. assistance taking into account the standards of

medical care

life and requiring urgent medical care; the use of medical devices in accordance with current medical procedures, clinical recommendatio ns (treatment protocols) on the issues of medical care delivery, assistance taking into account the standards of medical care

			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			
			carrying out differential			
			diagnostics of diseases;			
			sudden acute diseases,			
			medical devices in			
			the provision of			
			medical, clinical recommendations and			
			(treatment protocols) on			
			the provision of medical			
			care, care taking into account the standards of			
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7.	GPC-5	Able to assess morphofunctional,	IGPC 5.1 Knows: anatomy, histology, embryology, then graph	anatomy, histology, embryology,	evaluate the basic morphologic	Has practical experience in: assessment of
		physiological	and chess anatomy,	topographic	al and	basic
		conditions and pathological	physiology, pathological anatomy	anatomy, physiology,	functional data,	morphological and functional
		processes in the	and physiology of	pathological	physiological	data,
		human body to	human organs and	anatomy and	conditions and	physiological conditions and
		solve professional	systems IGPC 5.2 Able to:	physiology of human	pathological	pathological
		problems	evaluate the main	organs and	processes in the human	processes in the
			morphological and functional data,	systems	body	human body when solving
			physiological conditions			professional
			and pathological processes in the human			problems
			body			
			IGPC 5.3 Has practical experience: assessment			
			of basic			
			morphofunctional data, physiological states and			
	<u> </u>	l	prijorogicar states and	<u> </u>	<u>I</u>	<u> </u>

			pathological processes			
			in the human body			
			when solving			
			professional problems			
8.	GPC-6	Able to: organize	IGPC 6.1 Knows: the	methods of	recognize	6.3 Has
		patient care,	methodology for	collecting	conditions	practical
		provide primary	collecting complaints	complaints	that require	experience in:
			and anamnesis from	and	healthcare	assessing the
		health care, ensure	patients (their legal	anamnesis of	delivery in	condition
		the organization of	representatives);	patients	an	requiring
		work and	methods of physical	(their legal	emergency	healthcare
		professional	examination of patients	representativ	form,	delivery in an
		decision-making in	(examination, palpation,	es); methods	including in	emergency
		case of medical	percussion,	of physical	the	form, including
			auscultation); principles	examination	conditions of	in emergency
		emergency on the	and methods of	of patients	emergencies,	situations,
		prehospital stage, in	providing medical care	(examination	epidemics	epidemics and
		the conditions of	to patients in	, palpation,	and in the	in the centers of
		emergency	emergencies, in	percussion,	centers of	mass
		situations,	emergency situations,	auscultation);	mass	destruction;
		· ·	epidemics and in areas	principles	destruction,	definition of
		epidemics and in	of mass destruction in	and methods	requiring	life-threatening
		centers of mass	accordance with the	of medical	medical	conditions,
		destruction	procedures for	care delivery	assistance in	including the
			providing medical care, clinical	to patients in	an	state of clinical
			recommendations and,	urgent conditions, in	emergency form;	death (arrest of vital important
			taking into account the	emergency	organize the	functions of the
			standards of medical	situations,	work of	human body
			care; clinical signs of	epidemics	medical	(blood
			major medical	and in	personnel in	circulation and
			emergencies; principles	centers of	emergency	(or) breathing)
			of medical evacuation	mass	situations,	requiring
			in emergency situations,	destruction	epidemics	medical care in
			epidemics and in the	in	and in	the emergency
			centers of mass	accordance	centers of	form; medical
			destruction; principles	with the	mass	care delivery in
			of work in the centers of	procedures	destruction;	emergency
			mass destruction;	for providing	provide	form to patients
			principles of	medical care,	emergency	in conditions,
			organization of patient	clinical	medical care	constituting
			care, provision of	recommendat	to patients in	life-threatening
			primary health care	ions taking	conditions	situations
			IGPC 6.2 Able to:	into account	that pose a	including
			recognize conditions	the standards	threat to the	clinical death
			requiring emergency	of medical	life of	(arrest of vital
			medical care, including	care; clinical	patients,	functions of
			in emergency situations,	signs of	including	human body
			epidemics and in areas	major	(blood	(blood
			of mass destruction,	emergency	circulation	circulation and
			requiring emergency	conditions;	and (or)	(or)
			medical care; organize the work of medical	principles of medical	respiration); use	respiration); the use of
				evacuation in	medicines	medicines and
			personnel in emergency			
			situations, in emergency situations, epidemics	emergency situations,	and medical products	medical products in the
			and in the centers of	epidemics	when	products in the
			mass destruction;	and in	providing	medical care in
			provide emergency	centers of	medical care	case of
			medical care to patients	mass	in emergency	emergency
			in conditions that pose a	destruction;	conditions;	conditions and
			threat to the life of	principles of	perform	epidemics; use
			patients, including	work in	basic	of personal
Щ	J	1	Patients, including	WOLKIII	Jusic	or personal

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			clinical death (stopping	centers of	cardiopulmo	protective
			vital functions of the human body (blood	mass destruction;	nary resuscitation;	equipment; organization of
			circulation and (or)	principles of	use personal	patient care,
			respiration); use	organization	protective	first aid
			medicines and medical	of patient	equipment;	measures
			devices in the provision	care, first aid	organize	illeasures
			of medical care in	treatment	patient care,	
			emergency conditions;	ucauncii	provide	
			perform basic		primary	
			cardiopulmonary		health care	
			resuscitation; use			
			personal protective			
			equipment: organize			
			patient care, provide			
			primary health care			
			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			
<u> </u>			primary health care			
9.	GPC-7	Able to prescribe	IGPC 7.1 Knows:	methods of	develop a	Has practical
		treatment and	methods of drug and	drug and	treatment	experience in:
		monitor its	non-drug treatment,	non-drug	plan for	developing a
		effectiveness and	medical indications for	treatment,	patients with	treatment plan
			the use of medical	medical	the most	for patients with
		safety	devices for the most	indications	common	the most
	1		common diseases;	for the use of	diseases in	common
			groups of drugs used to	medical	accordance	diseases in
			groups of drugs used to provide medical care in the treatment of the	medical devices for the most	with the procedures	accordance with the current

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 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, nondrug treatment 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

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 contraindicat ions to the prescription; compatibility , possible complication s, side effects, adverse reactions, including serious and unforeseen; features of medical care in emergency forms

for providing medical care, clinical guidelines taking into account the standards of medical care: prevent or eliminate complication s, side effects, adverse reactions, including unforeseen ones, resulting from diagnostic or therapeutic manipulation s, the use of drugs and (or) medical devices, nondrug treatment

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 recommendatio ns, taking into account the standards of medical care; evaluation of the effectiveness and safety of the use of drugs, medical devices and non-drug treatment of patients with the most common diseases;

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	emergency form  Has practical experience in: drawing up a plan of measures for medical rehabilitation of
			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 diseases without obvious signs of a threat to the patient's life in an emergency			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 medical care in an emedical care in an

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

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

implementati on of individual rehabilitation and habilitation programs for disabled people; methods of medical rehabilitation of a patient including when implementin g individual rehabilitation and habilitation programs for the disabled, medical indications and medical contraindicat ions for their implementati on taking into account the diagnosis accordance with current procedures of the organization of medical rehabilitation , clinical recommendat ions taking into account the standards of medical care; ways to prevent or eliminate complication s, side effects, adverse reactions, including serious and unforeseen, arising as a result of medical rehabilitation measures; procedure for

examination

implementati on of individual rehabilitation and habilitation programs for the disabled people in accordance with the current procedure for the organization of medical rehabilitation , clinical recommendat ions 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 recommendat ions taking into account the standards of medical care; evaluate the effectiveness and safety of medical rehabilitation measures for patients including when implementin g individual rehabilitation and habilitation programs for disabled people in accordance

a patient, including when implementing individual rehabilitation and habilitation programs for disabled people, in accordance with the current procedure for medical rehabilitation, clinical recommendatio ns, 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 recommendatio ns, 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

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 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

of temporary disability and signs of temporary disability of a patient; signs of persistent impairment of body functions caused by diseases, consequence s of injuries or defects

with the current procedure for organizing medical rehabilitation , clinical recommendat ion taking into account the standards of medical care; identify signs of temporary disability and signs of persistent impairment of body functions caused by diseases, consequence s of injuries or defects

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11. GPC-11	Alda Assuran	medical rehabilitation of patients. including the implementation of individual rehabilitation and habilitation programs for disabled people IGPC-11.1 Knows:	scientific,	propers	possess the
11. GPC-11	Able to: prepare and apply scientific, research and production, design, management and regulatory documentation in the health care system	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	research and production, design, management and regulatory documentation in the healthcare system	prepare scientific, research and production, design, managment and regulatory documentatio n in the healthcare system	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 or emergency forms	etiology, pathogenesis and pathomorpho logy, clinical aspect, differential diagnosis, clinical features, complication s 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	IPC 2.1Knows:	etiology,	identify	provision of
		conditions arising	etiology, pathogenesis	pathogenesis	clinical signs	emergency
		from sudden acute	and pathomorphology,	and	of conditions	medical care to
		diseases,	clinical picture,	pathomorpho	requiring	patients with
		exacerbation of	differential diagnosis,	logy, clinical	emergency	sudden acute
			course features,	picture,	medical care;	diseases,
		chronic diseases	complications and outcomes of diseases of	differential	identify conditions	conditions, exacerbation of
		without obvious	internal organs;	diagnosis, features of	requiring	chronic diseases
		signs of a threat to	methodology for	the course,	emergency	without obvious
		the patient's life and	collecting complaints	complication	medical care,	signs of a threat
		requiring urgent	and anamnesis from	s and	including	to the patient's
		medical care,	patients (their legal	outcomes of	clinical signs	life; state
		recognize	representatives);	diseases of	of sudden	recognition.
		conditions that pose	method of physical	internal	cessation of	posing a threat
		a threat to the	examination of patients	organs;	blood	to the life of the
			(examination, palpation,	methods of	circulation	patient,
		patient's life	percussion,	collecting	and	including
		including	auscultation): a list of	complaints and	respiration	conditions of clinical death
		conditions of	laboratory and instrumental research	anamnesis in		(stopping the
		clinical death	methods for assessing	patients		vital functions
		(stopping vital	the patient's condition,	(their legal		of the human
		functions of the	the main medical	representativ		body (blood
		human body (blood	indications for	es); methods		circulation and /
		circulation and/or	conducting research and	of physical		or respiration),
		respiration),	interpreting the results:	examination		requiring
		requiring the	clinical signs of a	of patients		emergency
			sudden cessation of	(examination		medical care;
		provision of	blood circulation and /	, palpation,		providing
		emergency medical	or breathing IPC 2.2 Able to:	percussion,		emergency medical care to
		care		auscultation); a list of		
			identify clinical signs of conditions requiring	methods of		patients in conditions that
			emergency medical	laboratory		pose a threat to
			care; identify conditions	and		the patient's
			requiring emergency	instrumental		life, including
			medical care, including	investigation		clinical death
			clinical signs of sudden	s to assess		(stoppage of
			cessation of blood	the patient's		vital functions
			circulation and	condition,		of the human
			breathing	the main		body (blood
				medical		circulation
				indications for		and/or
				conducting		respiration)
				research and		
				interpreting		
				the results;		
				clinical signs		
				of sudden		
				cessation of		

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	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)	blood circulation and/ or respiration basic cardiopulmo nary resuscitation rules; principles of operation of devices for external electropulse therapy (defibrillatio n); rules for performing external electrical impulse therapy (defibrillatio n) in case of sudden cessation of blood circulation and / or respiration	perform measures to provide medical care in urgent and emergency forms; basic cardiopulmo nary resuscitation in combination with electrical impulse therapy (defibrillatio n)	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	(circulation and/or respiration)  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 recommendat ions (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 recommendat ions (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)

16.	PC-5	Able to collect complaints, anamnesis of the patient's life and illness, conduct a complete physical	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 action of drugs, medical devices, medical indications and contraindicat ions to their use; complication s caused by their use; principles of operation of devices for external electric pulse therapy (defibrillatio n); rules for performing external electric pulse therapy (defibrillatio n) in case of sudden cessation of blood circulation and / or respiration the legislation of the Russian Federation in the field of health care, regulations	collect complaints, anamnesis of life and disease of the patient and analyze the	life and disease of the patient; a complete physical
				performing external electric pulse		
				(defibrillatio		
				cessation of		
				circulation and / or		
16.	PC-5	complaints, anamnesis of the patient's life and illness, conduct a	Legislation of the Russian Federation in the field of health care, regulatory legal acts and other documents that	the legislation of the Russian Federation in the field of health care,	complaints, anamnesis of life and disease of the patient and	complaints, anamnesis of life and disease of the patient; a complete

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			functioning of a healthy	of the patient	digital	
			human body and	(examination	technologies	
			mechanisms for	, palpation,		
			ensuring health from the	percussion,		
			standpoint of the theory	auscultation);		
			of functional systems;	etiology,		
			features of the	pathogenesis		
			regulation of the	and		
			functional systems of	pathomorpho		
			the human body in	logy, clinical		
			pathological processes;	aspect,		
			methods of laboratory	differential		
			and instrumental studies	diagnosis,		
			for assessing the state of	clinical		
			health, medical	features,		
			indications for research,	complication		
			rules for interpreting	s and		
			their results	outcomes of		
			IPC 5.2 Able to: collect	diseases of		
			complaints, anamnesis	internal		
			of life and disease of the	organs;		
			patient and analyze the	patterns of		
			information received;	functioning		
			conduct a complete	of a healthy		
			physical examination of	human body		
			the patient	and		
			(examination, palpation,	mechanisms		
			percussion,	for ensuring		
			auscultation) and	health from		
			interpret its results;	the		
			determine the sequence	standpoint of		
			of volume, content and	the theory of		
			sequence of diagnostic	functional		
			measures	systems;		
				features of		
				the		
				regulation of		
				the		
				functional		
				systems of		
				the human		
				body in		
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				pathological		
				processes;		
				methods of		
				laboratory		
				and		
				instrumental		
				examinations		
				for assessing		
				the state of		
				health,		
				medical		
				indications		
				for		
				conducting		
				investigation		
				s, rules for		
				interpreting		
				their results		
17	. PC-6	Able to send a	IPC 6.1 Knows: general	general	justify the	referral of a
1,	1		issues of organizing	issues of	need and	patient for
1		patient to	medical care for the	organizing	scope of	laboratory

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

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

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 recommendat ions (treatment protocols) on the provision of medical care. standards of medical care

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

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 recommendatio ns 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

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	etiology, pathogenesis and pathomorpho logy, clinical aspect, differential diagnosis, clinical features, complication s 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 the instrumental examination of the patient; interpret the data obtained during the instrumental examination of the patient; interpret the data obtained during consultations of the patient	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 differential diagnosis with other diseases/conditi ons, including emergencies: diagnosis based on the current international statistical classification of diseases and related health problems (ICD)

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picture of the disease in with current ions into account the						recommendat	treatment taking
accordance with the medical care (treatment diagnosis, age				picture of the disease in		ions	
				accordance with the	medical care	(treatment	diagnosis, age

20.	. PC-9	Able to provide palliative care in cooperation with specialist doctors	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, 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  IPC 9.1 Knows how to provide palliative care IPC 9.2 Able to: Prescribe medicines, medical devices and medica	procedures, clinical recommendat ions (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 contraindicat ions to its prescription; side effects, complication s caused by its use	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 recommendat ions (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	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
20.	PC-9	palliative care in	medicines, medical devices and clinical nutrition  IPC 9.1 Knows how to provide palliative care IPC 9.2 Able to:	procedure for providing	devices and therapeutic nutrition prescribe medicines, medical	palliative care in cooperation

			care, taking into		for providing	
			account the standards of		medical care,	
			medical care; prescribe		clinical	
			non-drug treatment,		recommendat	
			taking into account the		ions	
			diagnosis, age and		(treatment	
			clinical picture of the		protocols) on	
			disease in accordance		the provision	
			with the current		of medical	
			procedures for the		care taking	
			provision of medical		into account	
			care, clinical guidelines		the standards	
			and (treatment		of medical	
			protocols) on the		care;	
			provision of medical		prescribe	
			care, taking into		non-drug	
			account the standards of		treatment	
			medical care; evaluate		taking into	
			the effectiveness and		account the	
			safety of the use of		diagnosis,	
			medicines, medical		age and	
			devices and clinical		clinical	
			nutrition		picture of the	
					disease in	
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					current	
					procedures	
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					medical care,	
					clinical	
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					ions	
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					effectiveness	
					and safety of	
					the use of	
					medicines,	
					medical	
					devices and	
					medical	
					nutrition	
21	PC-10	Able to: organize	IPC 10.1 Knows:	modern	Able to:	prescribing
-1.	1010	_	modern methods of	methods of	prescribe	medicines,
		personalized	using medicines,	using	medicines,	medical devices
		treatment of the	medical devices and	medicines,	medical	and therapeutic
		patient including	clinical nutrition for	medical	devices and	nutrition, taking
		pregnant women,	diseases and conditions	devices and	medical	into account the
		elderly and senile	in a patient in	therapeutic	nutrition	diagnosis, age
		_	accordance with the	nutrition in	taking into	and clinical
		patients, evaluate	current procedures for	diseases and	account the	picture of the
		the effectiveness	the provision of medical	conditions of	diagnosis,	disease and in
		and safety of	care, clinical	the patient in	age and	accordance with
		•	care, cirricar	are patient in	use and	accordance with

#### treatment

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

accordance with the current procedures for medical care, clinical recommendat ions (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 contraindicat ions to their use; complication s 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 recommendat ions (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

clinical picture of the disease in accordance with the current procedures for providing medical care, clinical recommendat ions (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 recommendat ions (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

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

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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	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  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	contraindicat ions to its prescription; side effects, complication s caused by its use  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	identify signs of temporary disability and signs of persistent impairment of body functions caused by diseases, the consequence s 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
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- communicabl e diseases, the main risk factors for their development; to carry out dispensary	the necessary medical documentation for the implementation of a medical and social examination in federal state institutions of medical and social expertise  prescribing preventive measures to patients taking into account risk factors in accordance with the current procedures for the provision of medical care, clinical recommendatio ns and (treatment protocols) on the provision of medical care,

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	their development in accordance with current regulatory legal acts and other documents	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	of patients with non- communicabl e diseases and risk factors in accordance with regulatory legal acts and other documents; list of specialist doctors involved in conducting medical examinations , medical survey	observation of patients with identified chronic non- communicabl e diseases, including patients with high and very high cardiovascul ar risk	taking into account the standards of medical care; monitoring 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 and telecommuni cations network "the Internet"; rules for registration of medical documentatio n in medical organizations providing outpatient medical care including medical worker's home visits	fill out medical documentatio n 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 telecommuni cation network, the Internet, in professional activities	maintaining medical records, including in electronic form

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

№	Competen ce code	Section name of the discipline	The content of the section in teaching units
	UC-1, 3,	of the discipline	Surgical diseases of the esophagus.
1	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	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,	Bleeding.	Injuries to the chest and abdomen.
	11	Complications.	Complications of the postoperative period.
	PC-1, 2, 3,		
	4, 5, 6, 7,		
	8, 9, 10,		
	11, 17, 22		
	UC-1, 3,		
	4, 5		
	GPC-1, 4,		
	5, 6, 7, 8,	Final lesson.	Solution of situational problems, oral interview on the examination
7	11	Exam.	ticket, demonstration of practical skills in diagnosing surgical diseases
	PC-1, 2, 3,	Exam.	ticket, demonstration of practical skins in diagnosting surgical diseases
	4, 5, 6, 7,		
	8, 9, 10,		
	11, 17, 22		

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

5. Volume of the academic discipline and types of academic work							
Type of educational work	Labor intensity		Labor	intensity (A	H) in sem	esters	
	volume in	volume in		• • •			
	credit units	academic	10	11			
	(CU)	hours (AH)					
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

No	Name of the section of the Types of academic work* (in AH)						
	academic discipline	L	LP	P	S	SIW	total
1	Surgical diseases of the	10		74		58	142
	digestive system						
2	Surgical diseases of the	6		14		6	26
	bronchopulmonary system and						
	pleura						
3	Surgical diseases of the	5		20		20	45
	cardiovascular system						
4	Surgical diseases of the	2		8		6	16
	endocrine organs						
5	Purulent diseases of soft tissues.	2		8		6	16
	Osteomyelitis.						
6	Injuries of the chest and	3		22		18	43
	abdominal cavities.						
	Bleeding.						
	Complications.						
7	Final lesson.						36
	Exam.						
	TOTAL	28		146		114	324

<sup>\* -</sup> 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

No	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)

No	Types and topics of SIW	Volume	e 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		29
	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.		
10	Preparation for tests and exams.		
	TOTAL (total - AH) 114	56	58

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

Assessment formats

						Assessmen	nt formats	
№	Se mes ter No.	Types of	control	Name of section of academic discipline	Competence codes	types	number of test questions	number of test task options
1.	10	Current monito ring	Control of mastering the topic	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.	GPC-1, 4, 5, 6, 7, 8, 11 PC-1, 2, 3, 4,	Making medical histories. Abstract writing. Tested. Solution of situation al problem s.	10	2

		Γ	1	T	<u> </u>			,
				Bleeding.				
				Complications.				
				1. Surgical	UC-1, 3, 4, 5			
				1. Surgical diseases of the	GPC-1, 3, 4, 5			
				digestive	6, 7, 8, 11			
				system	PC-1, 2, 3, 4,			
				2. Surgical	5, 6, 7, 8, 9,			
				diseases of the	10, 11, 17,			
				bronchopulmo	22			
				nary system and pleura		Making		
				3. Surgical		medical		
				diseases of the		histories.		
			Monitorina	cardiovascular		Abstract writing.		
			Monitoring the student's	system		Tested.		
			individual	4. Surgical		Solution Solution	10	2
			work	diseases of the endocrine		of		
				organs		situation		
				5. Purulent		al		
				diseases of		problem s.		
				soft tissues.		з.		
				Osteomyelitis.				
				6. Injuries of the chest and				
				abdominal				
				cavities.				
				Bleeding.				
	11	3.4:1	Г	Complications.	110 1 2 4 5			
	11	Mid- term	Exam	1. Surgical diseases of the	UC-1, 3, 4, 5 GPC-1, 4, 5,			
		assess		digestive	6, 7, 8, 11			
		ment		system	PC-1, 2, 3, 4,			
				2. Surgical				
				diseases of the				
				bronchopulmo	22			
				nary system and pleura				
				3. Surgical				
				diseases of the				
				cardiovascular		Intervie		
2.				system 4. Surgical		w at the ticket		
				diseases of the		exam.		
				endocrine				
				organs				
				5. Purulent				
				diseases of soft tissues.				
				Osteomyelitis.				
				6. Injuries of				
				the chest and				
				abdominal				
				cavities. Bleeding.				
				Diccuilig.				

		Complications.		

## 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

No	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.	1	30	
	M.: GEOTAR-Media, 2012			
2	Surgical diseases: in 2 volumes, ed. V.S.	1	30	
	Saveliev M. GEOTAR-Media, 2014 608s.			
3	Surgical diseases, ed. A.F.	1	30	
	Chernousova - M.: GEOTAR-Media, 2012.			

8.2. Further reading

	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.	1	5		
	Saveliev, ed. B. R. Gelfand, red. M.I.				
	Filimonov. M.: Litterra, 2006 208 p.				
2	Selected course of lectures on purulent surgery:	1	5		
	textbook ed. V.D. Fedorov, red. A.M.				
	Svetukhin. M.: Miklosh, 2007 365 p.				
3	General surgical skills: textbook by V.I.	1	5		
	Osretkov. Rostov n / a: Phoenix, 2007 256 p.				
4	Propaedeutics of surgery: textbook by V.	1	5		
	K. Gostishchev, ed. A. I. Kovalev. 2nd ed., rev. and				
	additional - M.: MIA, 2008 904 p.				

### 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)	(textbooks, manuals, collections of tasks,	individual login and password	Not limited
		methodological manuals, laboratory work, monographs, etc.)	from any computer and mobile device	

8.3.2. Electronic educational resources acquired by the University

N:	ō	Name resourc	Ü	the	electi	ronic	Brief descr	iption	(content)	Access cond	ditions	Number of users
1		Databas Healthc			cine. /O)	and	Textbooks aids for hig				by 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

0.5.5	Open access resources		
№	Name of the electronic resource	Brief description (content)	Access conditions
1	EBS "Urayt". Access mode:	Textbooks and teaching aids for	Not limited
	http://biblio-online.ru.	higher medical and pharmaceutical education	
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 "Znanium.com". Access mode: www.znanium.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

Ite m no.	Software	number of licenses	Type of software	Manufacture r	Number in the unified register of Russian software	Contract No. and date
1	Wtware	100	Thin Client Operating System	Kovalev Andrey Alexandrovic h	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 TECHNOLO GIES"	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 Subscriptio n	
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/HN100 30 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 / scie	entific specialty: 31.05.01 GENERA		
Training	g profile:		(code, na	me)
		e) - for master's degree programs		
Mode o	f study: FULL-TIME	full-time/mixed attendance mode/extrami	ıral	
Position	Ni-mbon and nome of	Contents of the shortes made	Effective data of	Cantailantan's
Position	Number and name of the program section	Contents of the changes made	Effective date of the changes	Contributor's signature
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	ed at the department n	_		
of surge MD, Pro	the Department facultry and transplantology of Essor Zagainov V. Enent name, academic title	y	/ print name	