### «HOSPITAL SURGERY»

General Educational Program of higher education (<u>specialist's degree programs</u>) 31.05.01 General Medicine

#### Department: FACULTY OF SURGERY AND TRANSPLANTOLOGY

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

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

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

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

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

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

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		strategy to achiev		for effective	team work;	a team work
		the goal	resource management,	teamwork;	develop a	strategy;
			normative legal acts concerning the	the basics of	team	participation in
			organization and	strategic	strategy;	teamwork, role
			implementation of	human	apply the	distribution in
			professional activities;	resource	principles	the team
			models of	management,	and methods	interaction
			organizational behavior,	regulatory	of organizing	
			factors in the formation	legal acts	team	
			of organizational	concerning	activities	
			relations, strategies and	the		
			principles of teamwork,	organization		
			the main characteristics	and		
			of the organizational	implementati		
			climate and the	on of		
			interaction of people in	professional		
			the organization	-		
			IUC 3.2 Able to:	activities;		
			determine the	organization		
				al behavior		
			management style for effective team work;	models,		
			develop a team	factors of		
			strategy; apply the	formation of		
			principles and methods	organization		
			of organizing team	al		
			activities	relationships;		
			IUC 3.3 Has practical	strategies		
			experience:	and		
			participation in the	principles of		
				teamwork,		
			development of a team	the main		
			work strategy;	characteristic		
			participation in team	s of the		
			work, distribution of	organization		
			roles in the conditions	al climate		
			of team interaction			
				and		
				interaction of		
				people in the		
				organization		
3.	UC-4	Able to apply	/ IUC 4.1 Knows: the	the basics of	express	Has practical
		modern	basics of oral and	oral and	thoughts in	experience in:
		communication	written communication	written	Russian and	writing texts in
			in Russian and foreign	communicati	a foreign	Russian and
		technologies,	languages, the	on in	language in	foreign
		including the use o	f functional styles of the	Russian and	business	languages
		a foreig	native language, the	foreign	communicati	related to the
		language(s), fo	requirements for	languages,	on	professional
			00000000	functional		activity;
		academic and	communication, modern means of	styles of the		experience in
		professional	information	native		translating
		interaction	communication	language,		medical texts
			technologies	requirements		from a foreign
			IUC 4.2 Knows how to:	to business		language into
			express their thoughts	communicati		Russian;
			express men moughts			,
			in Russian and foreign	on modern		
			in Russian and foreign	on, modern		experience in
			languages in business	means of		speaking
			languages in business communication	means of information		speaking Russian and
			languages in business communication IUC 4.3 Has practical	means of information and		speaking Russian and foreign
			languages in business communication	means of information		speaking Russian and

			Construction of the second	4 1 1		]
4.	UC-5	Able to analyze and	foreign languages related to professional activities; experience in translating medical texts from a foreign language into Russian; experience of speaking Russian and foreign languages IUC 5.1 Knows: the	technologies the main	competently,	Has practical
		take into account the diversity of cultures in the process of cross-cultural interaction	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, ethno- cultural, 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	categories of philosophy, the laws of historical development , the basics of intercultural communicati on; the basic concepts of human interaction in the organization	intelligibly present professional information in the process of intercultural interaction; observe ethical norms and human rights; analyze the features of social interaction taking into account national, ethno- cultural, confessional features	experience in: productive interaction in the professional environment taking into account national, ethno- cultural, confessional features; overcoming communicative, educational, ethnic, confessional and other barriers in the process of intercultural interaction
5.	GPC-1	Able to implement moral and legal norms, ethical and deontological principles in professional activities	IGPC 1.1 Knows: basics of medical ethics and deontology; fundamentals of legislation in the field of health care; legal aspects of medical practice IGPC 1.2 Able to: apply ethical norms and principles of behavior of a medical worker in the performance of their professional duties; knowledge of modern legislation in the field	basics of medical ethics and deontology; fundamentals of legislation in the field of healthcare; legal aspects of medical practice	apply ethical norms and principles of behavior of a healthcare worker in the performance of their professional duties; knowledge of modern legislation in the field of healthcare in	Has practical experience in: solving standard problems of professional activity based on ethical norms and deontological principles when interacting with colleagues and patients (their legal representatives)

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			of health care in solving		solving	, knowledge of
			problems of		problems of	the legal
			professional activity;		professional	aspects of
			apply the rules and		activity;	medical
			norms of interaction		apply the	practice
			moral and legal norms, ethical and		rules and	
					norms of	
			deontological principles of behavior in the		interaction	
			course of professional		between a	
					doctor and	
			activity observe moral and legal		colleagues	
			norms in professional		and patients	
			activities;		(their legal	
			express professional		representativ	
			information in the		es)	
			process of intercultural		(3)	
			interactions respecting			
			the principles of ethics			
			and deontology			
			the skill of behavior in			
1			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			
1			aspects of medical			
			practice			
6.	GPC-4	Able to apply	IGPC 4.1 Knows the	the	collect	Has practical
		medical products,	methodology for	methodology	complaints,	experience in:
1		provided by the	collecting an anamnesis	of collecting	anamnesis of	collecting
1		order of healthcare	of life and diseases,	anamnesis of	life and	complaints,
1			complaints from	life and	disease of	anamnesis of
1		delivery, as well as	patients (their legal	diseases,	patients	life and disease
1		examine patients	representatives);	complaints	(their legal	of patients
1		for the purpose of	method of examination	of patients	representativ	(their legal
		determining the	and physical	(their legal	es), identify	representatives)
		diagnosis	examination; clinical	representativ	risk factors	, identifying
1		ulugilosis	picture, diagnostic	es);	and causes of	risk factors and
1			methods of the most	es), examination	diseases;	causes of
1			common diseases;	procedure;		disease
1			methods of laboratory	and physical	apply methods of	development;
1			and instrumental studies	examination;	examination	examination
1			for assessing the state	clinical		and physical
1			of health, medical indications for		and physical	survey of patients;
				aspect,	survey of	patients,

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	conducting studies,	methods of	patients;	diagnosis of the
	rules for interpreting	diagnosis of	interpret the	most common
	their results; international statistical	the most	results of	diseases; identification of
	classification of	common	examination	risk factors for
	diseases and related	diseases;	and physical	major
	health problems (ICD);	methods of	examination	oncological
	conditions requiring	laboratory	of patients;	diseases;
	emergency medical	and	diagnose the	formulation of a
	care; the procedure for	instrumental	most	preliminary
	the use of medical	investigation	common	diagnosis,
	devices in accordance	s to assess	pathology	drawing up a
	with the current	the state of	among	plan for
	procedures for the	health,	patients;	instrumental,
	provision of medical,	medical	identify risk	laboratory,
	clinical	indications	factors for	additional
	recommendations and	for	cancer;	investigations,
	(treatment protocols) on	conducting	formulate a	consultations of
	the provision of	research,	preliminary	specialist
	medical care, assistance	rules for	diagnosis, to	doctors; referral
	taking into account the	interpreting	make a plan	of patients for
	standards of medical	their results;	for	instrumental,
	care	international	conducting	laboratory,
	IGPC 4.2 Knows how	statistical	laboratory,	additional
	to: collect complaints,	classification	instrumental	investigations,
	anamnesis of life and	of diseases	and	consultations of
	disease in patients (their	and health-	additional	specialist
	legal representatives),	related	investigation	doctors in
	identify risk factors and	problems	s of patients	accordance with
	causes of the	(ICD);	in	the current
	development of	conditions	accordance	procedures for
	diseases: apply methods of examination and	requiring	with the	providing medical care,
	physical examination of	emergency	procedures	clinical
	patients; interpret the	medical care;	-	recommendatio
	results of the		for providing	ns taking into
	examination and	procedure for	medical care,	account the
	physical examination of	the use of	clinical	standards of
	patients; diagnose the	medical	recommenda	medical care;
	most common	devices in	tions taking	interpretation of
	pathology in patients;	accordance	into account	data from
	identify risk factors for	with the	the standards	additional
	cancer; formulate a	current	of medical	(laboratory and
	preliminary diagnosis,	procedures	care; to refer	instrumental)
	draw up a plan for	for providing	patients to	examinations of
	conducting laboratory,	medical care,	laboratory,	patients;
	instrumental and	clinical	instrumental	making a
	additional studies in	recommenda	and	preliminary
	patients in accordance	tions	additional	diagnosis in
	with the procedures for	(treatment	investigation	accordance with
	providing medical care,	protocols) on	s in	the international
	clinical	the medical	accordance	statistical
	recommendations, etc.	care delivery	with the	classification of
	taking into account the	taking into	current	diseases and
	standards of medical	account the	procedures	problems
	care; refer patients for	standards of	for providing	related to health
	laboratory, instrumental and additional studies	medical care	medical care,	(ICD); differential
	in accordance with the		clinical	diagnosis of
	current procedures for		recommenda	diagnosis of diseases;
	the provision of		tions, taking	recognition of
	medical care, clinical		into account	conditions
	recommendations, and,		the standards	arising from
	recommendations, and,			winning from

		subject to standards of	of medical	sudden acute
		care; refer patients for		diseases,
		consultations to	care; refer	exacerbation of
		specialist doctors in	patients for	chronic diseases
		accordance with the	consultations	without obvious
		procedures for the	to medical	signs of a threat
		provision of medical	specialists in	to the patient's
		care, clinical	accordance	life and
		recommendations and,	with the	requiring urgent
		taking into account the	procedures	medical care;
		standards of medical	of medical	the use of
		care; interpret and	care, clinical	medical devices
		analyze the results of	recommenda	in accordance
		consultations with	tions taking	with current
		patients' specialists;	into account	medical
		interpret and analyze	the standards	procedures,
		the results of the main	of medical	clinical
		(clinical) and additional	care; to	recommendatio
1		(laboratory,	interpret and	ns (treatment
1		instrumental)	analyze the	protocols) on
1		examination methods;	results of	the issues of
		to carry out differential	consultations	medical care
1		diagnostics of diseases	by medical	delivery,
		in patients; identify	specialists of	assistance
		clinical signs of sudden	patients; to	taking into
		acute diseases,	interpret and	account the standards of
		conditions, exacerbations of	analyze the	medical care
		chronic diseases	results of	metrical care
		without obvious signs	basic	
		of a threat to life,	(clinical) and	
		requiring emergency	additional	
		medical care; use	(laboratory,	
		medical devices in	instrumental)	
		accordance with the	examination	
		current procedures for	methods;	
		the provision of	carry out	
		medical,	differential	
		clinical guidelines	diagnosis of	
		(treatment protocols) on	diseases of	
1		the provision of	patients;	
		medical care, care	identify	
		taking into account the	clinical signs	
		standards of medical	of sudden	
		care		
1		IGPC 4.3 Has practical	acute	
		experience: collecting	diseases,	
1		complaints, anamnesis	conditions,	
1		of life and disease in	exacerbation	
1		patients (their legal	s of chronic	
1		representatives). identification of risk	diseases	
1		factors and causes of	without	
1		disease development;	obvious	
1		examination and	signs of life-	
1		physical examination of	threatening,	
1		patients; diagnosis of	requiring	
1		the most common	medical care	
1		diseases; identification	in an urgent	
1		of risk factors for major	form; use	
1		cancers; I formulated a	medical	
1		preliminary diagnosis,	devices in	
1		drawing up a plan for	accordance	
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			conducting instrumental		with current	
			puff. laboratory,		medical	
			additional		procedures,	
			research, consultations		clinical	
			of medical specialists;		recommenda	
			referral of patients for		tions	
			instrumental,		(treatment	
			laboratory, additional		protocols) on	
			studies, consultations of		the provision	
			specialist doctors in		of medical	
			accordance with the		care,	
			current procedures for		assistance	
			the provision of		taking into	
			medical care, clinical		account the	
			guidelines and, taking			
			into account standards		standards of	
			of care; interpretation		medical care	
			of additional			
			(laboratory and			
			instrumental)			
			examinations of			
			patients; provisional			
			diagnosis in accordance with the international			
			statistical classification			
			of diseases and related			
			health problems (ICD); carrying out differential			
			diagnostics of diseases;			
			recognition of			
			conditions arising from			
			sudden acute diseases,			
			exacerbation of chronic			
			diseases without			
			obvious signs of a			
			threat to the patient's			
			life and requiring			
			emergency medical			
			care; use of medical			
			devices in accordance			
			with the current			
			procedures for the			
			provision of medical,			
			clinical			
			recommendations and			
			(treatment protocols) on			
			the provision of			
			medical care, care			
			taking into account the			
			standards of medical			
			care			
7.	GPC-5	Able to assess	IGPC 5.1 Knows:	anatomy,	evaluate the	Has practical
		morphofunctional,	anatomy, histology,	histology,	basic	experience in:
		<b>1</b>	embryology, then graph	embryology,	morphologic	assessment of
		physiological	and chess anatomy,	topographic	al and	basic
		conditions and	physiology,	anatomy,	functional	morphological
		pathological	pathological anatomy	physiology,	data,	and functional
		processes in the	and physiology of	pathological	physiological	data,
		human body to	human organs and	anatomy and	conditions	physiological
		solve professional	systems	physiology	and	conditions and
		problems	IGPC 5.2 Able to:	of human	pathological	pathological
1		LIDCODIEIDS		ог пишай		
		problems	evaluate the main morphological and	organs and	processes in	processes in the human body

			functional data, physiological conditions and pathological processes in the human body IGPC 5.3 Has practical experience: assessment of basic morphofunctional data, physiological states and pathological processes in the human body when solving professional problems	systems	the human body	when solving professional problems
8.	GPC-6	Able to: organize patient care, provide primary health care, ensure the organization of work and professional decision-making in case of medical emergency on the prehospital stage, in the conditions of emergency situations, epidemics and in centers of mass destruction	IGPC 6.1 Knows: the methodology for collecting complaints and anamnesis from patients (their legal representatives); methods of physical examination of patients (examination, palpation, percussion, auscultation); principles and methods of providing medical care to patients in emergencies, in emergency situations, epidemics and in areas of mass destruction in accordance with the procedures for providing medical care, clinical recommendations and, taking into account the standards of medical care; clinical signs of major medical emergencies; principles of medical evacuation in emergency situations, epidemics and in the centers of mass destruction; principles of work in the centers of mass destruction; principles of organization of patient care, provision of primary health care IGPC 6.2 Able to: recognize conditions requiring emergency situations, epidemics and in areas of mass destruction; renuiples of organization of patient care, including in emergency situations, epidemics and in areas of mass destruction, requiring emergency medical care; organize the work	methods of collecting complaints and anamnesis of patients (their legal representativ es); methods of physical examination of patients (examination , palpation, percussion, auscultation) ; principles and methods of medical care delivery to patients in urgent conditions, in emergency situations, epidemics and in centers of mass destruction in accordance with the procedures for providing medical care, clinical recommenda tions taking into account the standards of medical care; clinical signs of major emergency	recognize conditions that require healthcare delivery in an emergency form, including in the conditions of emergencies, epidemics and in the centers of mass destruction, requiring medical assistance in an emergency form; organize the work of medical personnel in emergency situations, epidemics and in centers of medical personnel in emergency situations, epidemics and in centers of mass destruction; provide emergency medical care to patients in conditions that pose a threat to the life of patients, including (blood circulation	6.3 Has practical experience in: assessing the condition requiring healthcare delivery in an emergency form, including in emergency situations, epidemics and in the centers of mass destruction; definition of life-threatening conditions, including the state of clinical death (arrest of vital important functions of the human body (blood circulation and (or) breathing) requiring medical care in the emergency form; medical care delivery in emergency form to patients in conditions, constituting life-threatening situations including clinical death (arrest of vital functions of human body (blood circulation and (or) breathing)

emergency situations, in emergencyprinciples of medicalrespiration); medicalmedical medicalin emergency situations, epidemics and in the centers of mass destruction; provide emergencyevacuation in medicalmedical medicalprovide emergency medical care to patients in conditions that pose a threat to the life of patients, includingprinciples of medicalrespiration); medicalmedical medicalmassenergency evacuation; medical care to patients in conditions that pose a threat to the life of massproviding medical careenergency energency medical care	nedicines and nedical products in the provision of nedical care in case of emergency conditions and epidemics; use
in emergency situations, epidemics and in the centers of mass destruction; provide emergency medical care to patients in conditions that pose a threat to the life of patients, including mass destruction; provide emergency medical care to patients in emergency provide emergency medical care to patients in emergency medical care to patients in emergency provide emergency epidemics mass in emergency provide emergency epidemics in emergency in emergency provide emergency epidemics in emergency in emergency provide emergency epidemics in emergency in emergency provide emergency in emergency in emergency in emergency provide emergency in emergency	products in the provision of medical care in ase of emergency conditions and pidemics; use
situations, epidemics and in the centers of mass destruction; provide emergency medical care to patients in conditions that pose a threat to the life of patients, including mass destruction; provide emergency medical care to patients in conditions that pose a threat to the life of patients, including	provision of medical care in case of emergency conditions and pidemics; use
and in the centers of mass destruction; provide emergency medical care to patients in conditions that pose a threat to the life of patients, including and in the centers of mass destruction; provide emergency medical care to patients in conditions that pose a threat to the life of patients, including and medical situations, emergency epidemics and in emergency medical care in emergency medical care in emergency medical care to patients in emergency medical care to patients in emergency medical care to patients in emergency medical care in emergency medical care	nedical care in case of emergency conditions and pidemics; use
mass destruction; provide emergency medical care to patients in conditions that pose a threat to the life of patients, includingemergency situations, epidemicsand medical care en en en en en en and in emergency medical care of medical care epidemicsand medical care epidemicsand en <td>ase of mergency conditions and pidemics; use</td>	ase of mergency conditions and pidemics; use
provide emergency medical care to patients in conditions that pose a threat to the life of patients, including http://www.enumergency medical care to patients in emergency medical care to patients in conditions that pose a threat to the life of patients, including	emergency conditions and pidemics; use
medical care to patients in conditions that pose a threat to the life of patients, including medical care to patients and medical care medical care in emergency pr	conditions and pidemics; use
in conditions that pose a threat to the life of patients, including leaters of medical care mass in emergency pr	pidemics; use
threat to the life of patients, including heterotic centers of medical care of	
patients, including mass in emergency pr	of personal
	protective
	quipment;
	organization of
	atient care,
	irst aid
	neasures
medicines and medical destruction; resuscitation;	
devices in the provision principles of use personal	
of medical care in organization protective	
emergency conditions; of patient equipment;	
perform basic care, first aid organize	
cardiopulmonary treatment patient care.	
resuscitation; use provide	
personal protective primary	
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	

9. GPC-7 Able to prescribe treatment and monitor its effectiveness and safety IGPC 7.1 Knows: methods of drug and non-drug treatment, medical indications for the use of medical devices for the most common diseases; their mechanism of action, medical care in indications and contraindications to the appointment; compatibility, possible compatibility, possible compatibility, possible compatibility, possible compatibility, possible compatibility, possible complications, sincluding serious and unforeseen e; features of medical care in the most common diseases; their mechanism of action, medical appointment; Compatibility, possible complications, sincluding serious and unforeseen e; features of medical care in emergency forms methods of drug and non-drug treatment, medical care; in dications and contraindications with the most common diseases; their mechanism of action, medical care in emergency forms methods of drug and non-drug treatment, medical care; in dications and contraindications side effects, adverse reactions, including serious and unforeseen e; features of medical care in emergency forms methods of drug and non-drug treatment, medical care; in dications and contraindicat or providing medical care; in dications and corresen e; features of medical care in emergency forms methods of drug and non-drug treatment, medical care; in dications, including and monotresen in the treatment of the most common diseases; the complications, including and contraindicat indications indications indications, including and contraindicat indications indications indications, including and contraindicat indications indications indications indications, including and contraindicat indications indications indications, including and contraindicat indications indications indications indications indications indications indications indications indindications indications indindications indications indica
recommendations, taking into account the standards of medical care; prevent or complications, side effects, adverse reactions, including unforeseen ones, reactions, including unforesee

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		of emergency and		the
		urgent medical care to		effectiveness
		patients with the most		and safety of
		common diseases, in		the use of
1		accordance with the		drugs, medical
		current procedures for		devices and
		the provision of		non-drug
		medical care, clinical		treatment of
		recommendations and,		patients with
		taking into account the		the most
		standards of medical		common
		care; selection and		diseases;
		prescription of		selection and
		medicines, medical		prescription of
		devices with the most		non-drug
		common diseases for		treatment for
		the treatment of the		patients with
		most common diseases		the most
		in children and adults in		common
1		accordance with the		diseases in
		current procedures for		accordance with
		the provision of		the procedures
		medical care, clinical		for providing
		recommendations and,		medical care,
		taking into account the		clinical
		standards of medical		guidelines,
		care; evaluation of the		taking into
		efficacy and safety of		account the
		the use of drugs,		standards of
		medical devices and		medical care;
		non-drug treatment in		prevention and
		patients with the most		treatment of
		common diseases:		complications,
		selection and		side effects,
		prescription of non-		adverse
		drug treatment for		reactions,
		patients with the most		including
		common diseases in		unforeseen
		accordance with the		ones, resulting
		procedures for		from diagnostic
		providing medical care,		or therapeutic
		clinical guidelines and,		manipulations,
1		taking into account the		the use of drugs
1		standards of medical		and (or)
1		care; prevention and		medical
1		treatment of		devices, non-
1		complications, side		drug treatment;
1		effects, adverse		providing
		reactions, including		medical care to
1		unforeseen ones,		patients with
1		resulting from		sudden acute
1		diagnostic or		diseases,
1		therapeutic		conditions,
1		manipulations, the use		exacerbation of
1		of medicinal		chronic diseases
1		preparations and (or)		without obvious
1		medical devices. non-		signs of a threat
1		drug treatment:		to the patient's
1		providing medical care		life in an
		to patients with sudden		emergency
1		acute diseases,		form; the use of
1		conditions,		medicines and
	<u> </u>	exacerbation of chronic		medical devices

	<u> </u>		diseases without			in the provision
			obvious signs of a			of medical care
			threat to the patient's			in an
			life in an emergency			emergency
						form
10. G	PC-8	Able to implement	IGPC 8.1 Knows: the	procedures	develop an	Has practical
		and	procedures for organizing medical	for the	action plan	experience in:
		realize monitoring	rehabilitation, including	organization of medical	for the	drawing up a plan of
		the effectiveness of	the implementation of	of medical rehabilitation	medical rehabilitation	measures for
		the patient's	individual programs for	, including	of patients	medical
		medical	the rehabilitation and	the	including the	rehabilitation of
		rehabilitation	habilitation of disabled	implementati	implementati	a patient,
		including in the	people; methods of	on of	on of	including when
		implementation of	medical rehabilitation	individual	individual	implementing individual
		individual	of the patient, including in the implementation	rehabilitation	rehabilitation	rehabilitation
		rehabilitation and	of individual	and	and	and habilitation
		habilitation	rehabilitation and	habilitation	habilitation	programs for
			habilitation programs	programs for	programs for	disabled people,
		programs for the	for disabled people,	disabled	the disabled	in accordance
		disabled people,	medical indications and	people;	people in	with the current
		assess the patient's	medical contraindications for	methods of	accordance	procedure for medical
		ability to carry out	their implementation,	medical rehabilitation	with the current	rehabilitation,
		work activities	taking into account the	of a patient	procedure for	clinical
			diagnosis in accordance	including	the	recommendatio
			with the current	when	organization	ns, taking into
			procedures for	implementin	of medical	account medical
			organizing medical rehabilitation, clinical	g individual	rehabilitation	care standards; carrying out
			recommendations and,	rehabilitation	, clinical	medical
			taking into account the	and	recommenda	rehabilitation
			standards of medical	habilitation	tions taking	measures for
			care; ways to prevent or	programs for	into account	patients
			eliminate	the disabled, medical	the standards of medical	including when
			complications, side effects, adverse	indications	care;	implementing individual
			reactions, including	and medical	determine	rehabilitation
			serious and unforeseen	contraindicat	medical	and habilitation
			ones. resulting from	ions for their	indications	programs for
			medical rehabilitation	implementati	for medical	disabled people,
			measures; procedure for examination of	on taking	rehabilitation	in accordance
			temporary disability	into account	measures in	with the current procedure for
			and signs of temporary	the diagnosis	accordance	the organization
			disability of the patient;	in accordance	with the	of medical
			signs of persistent	with current	current procedure for	rehabilitation,
			impairment of body	procedures	the	clinical
			functions due to diseases, consequences	of the	organization	recommendatio ns, taking into
			of injuries or defects	organization	of medical	account the
			IGPC 8.2 Able to:	of medical	rehabilitation	standards of
			develop an action plan	rehabilitation	, clinical	medical care;
			for the medical	, clinical	recommenda	evaluation of
			rehabilitation of	recommenda	tions taking	the
			patients, including the implementation of	tions taking	into account	effectiveness and safety of
			individual programs for	into account	the standards	measures for
			the rehabilitation and	the standards	of medical	medical
			habilitation of the	of medical	care; evaluate the	rehabilitation of
			disabled, in accordance	care; ways to prevent or	effectiveness	patients,
			with the current			including the

	r	I				
			procedure for	eliminate	and safety of	implementation
			organizing medical	complication	medical	of individual
			rehabilitation, clinical	s, side	rehabilitation	rehabilitation
			recommendations and,	effects,	measures for	and habilitation
			taking into account the	adverse	patients	programs for
			standards of medical	reactions,	including	disabled people
			care; determine medical	including	when	
			indications for medical	serious and	implementin	
			rehabilitation measures in accordance with the	unforeseen,	g individual	
			current procedure for	arising as a	rehabilitation	
			organizing medical	result of	and	
			rehabilitation, clinical	medical	habilitation	
			recommendations and,	rehabilitation	programs for	
			taking into account the	measures;	disabled	
			standards of medical	procedure for	people in	
			care; evaluate the	examination	accordance	
			effectiveness and safety	of temporary	with the	
			of measures for the	disability	current	
			medical rehabilitation	and signs of	procedure for	
1			of patients, including	temporary	organizing	
			the implementation of	disability of	medical	
1			individual programs for	•	rehabilitation	
1			the rehabilitation and	a patient;		
1			habilitation of disabled	signs of	, clinical	
1			people. in accordance	persistent	recommenda	
			with the current	impairment	tion taking	
			procedure for	of body	into account	
			organizing medical	functions	the standards	
			rehabilitation, clinical	caused by	of medical	
			guidelines and, taking	diseases,	care; identify	
			into account standards	consequence	signs of	
			of care; determine signs	s of injuries	temporary	
			of temporary disability	or defects	disability	
			and signs of permanent		and signs of	
			impairment of body		persistent	
			functions due to		impairment	
			diseases, consequences		of body	
			of injuries or defects		functions	
			IGPC 8.3 Has practical		caused by	
			experience in: drawing up a plan of measures		diseases,	
			for the medical		consequence	
			rehabilitation of a		s of injuries	
			patient, including the		or defects	
			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			

11.	GPC-11	Able to: prepare	programs for disabled people, in accordance with the current procedure for organizing medical rehabilitation, clinical recommendations and, taking into account the standards of medical care; evaluation of the effectiveness and safety of measures for the medical rehabilitation of patients. including the implementation of individual rehabilitation and habilitation programs for disabled people IGPC-11.1 Knows:	scientific,	prepare	possess the
		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 documentati on in the healthcare system	scientific, research and production, design, managment and regulatory documentati on 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:	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	identify clinical signs of conditions requiring medical treatment in the emergency form	assessment of the patient's condition requiring medical care in emergency or emergency forms

		identify clinical signs of conditions requiring emergency or emergency medical care IPC 1.3 has methods for assessing the condition of a patient requiring medical care in emergency or emergency forms	, palpation, percussion, auscultation) ; a list of laboratory and instrumental research methods for assessing the condition, the main medical indications for conducting research and interpreting the results of patients requiring medical care in the emergency form		
13. PC-2	Able to recognize conditions arising from sudden acute diseases, exacerbation of chronic diseases without obvious signs of a threat to the patient's life and requiring urgent medical care, recognize conditions that pose a threat to the patient's life including conditions of clinical death (stopping vital functions of the human body (blood circulation and/or respiration), requiring the provision of emergency medical care	IPC 2.1Knows: etiology, pathogenesis and pathomorphology, clinical picture, differential diagnosis, course features, complications and outcomes of diseases of internal organs; methodology for collecting complaints and anamnesis from patients (their legal representatives); method of physical examination of patients (examination, palpation, percussion, auscultation): a list of laboratory and instrumental research methods for assessing the patient's condition, the main medical indications for conducting research and interpreting the results: clinical signs of a sudden cessation of blood circulation and / or breathing IPC 2.2 Able to: identify clinical signs of conditions requiring emergency medical care; identify conditions	etiology, pathogenesis and pathomorpho logy, clinical picture, differential diagnosis, features of the course, complication s and outcomes of diseases of internal organs; methods of collecting complaints and anamnesis in patients (their legal representativ es); methods of physical examination of patients (examination , palpation, percussion, auscultation) ; a list of methods of	identify clinical signs of conditions requiring emergency medical care; identify conditions requiring emergency medical care, including clinical signs of sudden cessation of blood circulation and respiration	provision of emergency medical care to patients with sudden acute diseases, conditions, exacerbation of chronic diseases without obvious signs of a threat to the patient's life; state recognition. posing a threat to the life of the patient, including conditions of clinical death (stopping the vital functions of the human body (blood circulation and / or respiration), requiring emergency medical care; providing emergency medical care to patients in conditions that

			requiring emergency medical care, including clinical signs of sudden cessation of blood circulation and breathing	laboratory and instrumental investigation s to assess the patient's condition, the main medical indications for conducting research and interpreting the results; clinical signs of sudden cessation of blood circulation and/ or respiration		pose a threat to the patient's life, including clinical death (stoppage of vital functions of the human body (blood circulation and/or respiration)
14.	PC-3	Able to: provide emergency medical care to patients in case of sudden acute diseases, conditions, exacerbation of chronic diseases without obvious signs of a threat to the patient's life, provide emergency medical care to patients in conditions that threaten the patient's life, including clinical death (suspension of vital functions the human body (circulation and/or respiration)	IPC 3.1 Knows: basic cardiopulmonary resuscitation rules; principles of operation of devices for external electropulse therapy (defibrillation); rules for performing external electropulse therapy (defibrillation) in case of sudden cessation of blood circulation and / or respiration IPC 3.2 Able to: perform measures to provide medical care in urgent and emergency forms; basic cardiopulmonary resuscitation in combination with electrical impulse therapy (defibrillation)	basic 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	Able to use medicines and medical devices for providing medical care in emergency forms	IPC 4.1 Knows: basic cardiopulmonary resuscitation rules; principles of operation of devices for external electropulse therapy (defibrillation); rules for performing external electropulse therapy (defibrillation) in case	modern methods of using medicines, medical devices for diseases and conditions in accordance with the	prescribe medicines, medical devices taking into account the diagnosis, age and clinical picture of the	provision of emergency medical care to patients in conditions that pose a threat to the patient's life, including clinical death (stopping vital

			af and the second of the		4	£
			of sudden cessation of blood circulation and /	current	disease in accordance	functions of the
			or respiration	procedures for providing	with the	human body (blood
			IPC 4.2 Able to:	medical care,	current	circulation
			perform measures to	clinical	procedures	and/or
			provide medical care in	recommenda	for providing	respiration)
			urgent and emergency	tions	medical care,	respiration)
			forms; basic		clinical	
			cardiopulmonary	(treatment		
			resuscitation in	protocols) on	recommenda	
			combination with	the provision	tions	
			electrical impulse	of medical	(treatment	
			therapy (defibrillation)	care taking	protocols) on	
				into account	the medical	
				the standards	care delivery	
				of medical	in emergency	
				care in the	or urgent	
				provision of	forms	
				medical care		
				in emergency		
				or urgent		
				forms; the		
				mechanism		
				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		
				(defibrillatio		
				n); rules for performing		
				external		
				electric pulse		
				therapy (defibrillatio		
				n) in case of		
				n) in case of sudden		
				cessation of		
				blood		
				circulation		
				and / or		
1 1	DC 5	A h la 4a 11 - 4	IPC 5.1 Knows:	respiration the	collect	collection of
16.	PC-5	Able to collect	Legislation of the		collect	
		complaints,	Russian Federation in	legislation of the Russian	complaints, anamnesis of	complaints, anamnesis of
		anamnesis of the	the field of health care,	Federation in	life and	life and disease
L						me and uisease

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patient's life and	regulatory legal acts	the field of	disease of	of the patient; a
illness, conduct a	and other documents that determine the	health care,	the patient	complete
complete physical	activities of medical	regulations	and analyze	physical
examination of the	organizations and	and other	the	examination of
patient	medical workers;	documents	information	the patient
(examination,	method of collecting	that determine	received; conduct a	(examination, palpation,
palpation,	complaints, anamnesis	the activities		
percussion,	of life and disease of	of medical	complete physical	percussion, auscultation);
-	the patient; a technique	organizations	examination	formulating a
auscultation),	for a complete physical	and	of the patient	preliminary
formulate a	examination of the	healthcare	(examination	diagnosis and
preliminary	patient (examination, palpation, percussion,	workers;	, palpation,	drawing up a
diagnosis and draw	auscultation); etiology,	method of	percussion,	plan for
up a plan for	pathogenesis and	collecting	auscultation)	laboratory and
laboratory and	pathomorphology,	complaints,	and interpret	instrumental
instrumental	clinical picture,	anamnesis of	its results;	examinations of
examinations of the	differential diagnosis,	life and	determine	the patient
patient	course features,	disease of	the sequence	
L	complications and	the patient; a	of volume,	
	outcomes of diseases of	technique for	content and	
	internal organs; regularity and	a complete	sequence of	
	functioning of a healthy	physical	diagnostic	
	human body and	examination	measures	
	mechanisms for	of the patient	incl. modern	
	ensuring health from	(examination	digital	
	the standpoint of the	, palpation,	technologies	
	theory of functional	percussion,		
	systems; features of the	auscultation)		
	regulation of the functional systems of	; etiology, pathogenesis		
	the human body in	and		
	pathological processes;	pathomorpho		
	methods of laboratory	logy, clinical		
	and instrumental studies	aspect,		
	for assessing the state	differential		
	of health, medical	diagnosis,		
	indications for research,	clinical		
	rules for interpreting their results	features,		
	IPC 5.2 Able to: collect	complication		
	complaints, anamnesis	s and		
	of life and disease of	outcomes of		
	the patient and analyze	diseases of		
	the information	internal		
	received; conduct a	organs;		
	complete physical	patterns of		
	examination of the	functioning		
	patient (examination, palpation, percussion,	of a healthy		
	auscultation) and	human body		
	interpret its results;	and mechanisms		
	determine the sequence	for ensuring		
	of volume, content and	health from		
	sequence of diagnostic	the		
	measures	standpoint of		
		the theory of		
		functional		
		systems;		
		features of		
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				the		
				regulation of		
				the		
				functional		
				systems of		
				the human		
				body in		
				pathological		
				processes;		
				methods of		
				laboratory		
				and instrumental		
				examinations		
				for assessing		
				the state of		
				health,		
				medical		
				indications		
				for		
				conducting		
				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/.	10-0		issues of organizing	issues of	need and	patient for
		patient to	medical care for the	organizing	scope of	laboratory
		laboratory,	population, methods of	medical care	laboratory	examination if
		instrumental	laboratory and	for the	examination	there is a
		examination, to a	instrumental studies to	population,	of the	medical
		consultation with	assess the state of	methods of	patient;	indication in
		specialist doctors if	health, medical	laboratory	justify the	accordance with
		there are	indications for conducting studies,	and	need and	the current
		medical indications	rules for interpreting	instrumental	scope of	procedures for
		in accordance with	their results; procedures	examinations	instrumental	the provision of
		the current	for the provision of	to assess the	examination	medical care,
		procedures for the	medical care, clinical	state of	of the	clinical
		-	recommendations	health,	patient;	guidelines and
		provision of	(treatment protocols) on	medical	justify the	(treatment
		medical care,	the provision of	indications	need to refer	protocols) on
		clinical	medical care, standards	for	the patient	the provision of
		recommendations	of medical care	conducting	for	medical care,
		(treatment	IPC 6.2 Able to: justify the need and scope of	examinations	consultations	taking into
		protocols) on	laboratory examination	, rules for	with	account the
		providing medical	of the patient; justify	interpreting	specialist	standards of
		care taking into	the need and scope of	their results;	doctors;	medical care;
		account the	instrumental	procedures	determine	referral of a
		standards of	examination of the	for the	medical	patient for an
			patient; justify the need	provision of	indications	instrumental
		medical care, and	to refer the patient for	medical care,	for the	examination if
		also refer the	consultations to	clinical	provision of	there are
		patient for	specialist doctors;	recommenda	emergency,	medical
		providing	determine medical	tions	including	indications in
		specialized medical	indications for the	(treatment	emergency	accordance with
		care in an inpatient	provision of an	protocols) on	specialized,	the current
1 1		care in an inpatient				
		-	ambulance, including	the provision	medical care	procedures for
		setting or in a day hospital if there are	other specialized ambulance, medical	of medical care,	medical care	the provision of medical care,

	medical indications	care	standards of	clinical
	in accordance with		medical care	recommendatio
1	the current			ns and
				(treatment
	procedures for the			protocols) on
	medical care			the provision of
	delivery, clinical			medical care,
	recommendations			taking into
				account the
	(treatment			
	protocols) on the			standards of
	medical care			medical care;
	delivery taking into			referral of a
	account the			patient for a
	standards of			consultation
				with specialist
	medical care			doctors if there
				are medical
				indications in
				accordance with
1				the current
				procedures for
1				the provision of
				medical care,
				clinical
				guidelines and
				(treatment
				protocols) on
				the provision of
				medical care,
				taking into
				account the
				standards of
				medical care:
				referral of a
				patient for
				specialized
				other medical
1				care in an
1				inpatient setting
1				or in a day
				hospital setting,
1				if medically
1				indicated, in
1				accordance with
1				the current
1				procedures for
1				the provision of
1				medical care,
1				clinical
				guidelines and
1				(treatment
1				protocols) on
1				the provision of
				medical care,
1				taking into
1				account the
				standards of
1				care
		•		

18.	PC-7	Able to: make a differential diagnosis with other diseases/conditions including emergencies, establish a diagnosis taking into account the current international statistical classification of diseases and related health problems (ICD)	IPC 7.1 Knows: etiology, pathogenesis and pathomorphology, clinical picture, differential diagnosis, course features, complications and outcomes of diseases of internal organs; methods of laboratory and instrumental studies for assessing the state of health, medical indications for conducting studies, rules for interpreting their results; ICD IPC 7.2 Able to: analyze the results of the patient's examination, if necessary, justify and plan the amount of additional research; interpret the results of collecting information about the patient's disease; interpret the data obtained during the laboratory examination of the patient; interpret the data obtained during the instrumental examination of the patient; interpret data obtained during consultations of the patient by medical specialists; to carry out differential diagnostics of diseases of internal organs from other diseases	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 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 by medical specialists; to carry out differential diagnostics	differential diagnosis with other diseases/conditi ons, including emergencies: diagnosis based on the current international statistical classification of diseases and related health problems (ICD)
			differential diagnostics of diseases of internal		specialists; to carry out differential	
19.	PC-8	Able to: develop a treatment plan for a disease or condition and prescribe medicine, medical devices, therapeutic nutrition and non- drug treatment taking into account the diagnosis, age and clinical picture	IPC 8.1 Knows: modern methods of using medicines, medical devices and clinical nutrition for diseases and conditions in a patient in accordance with the current procedures for the provision of medical care, clinical recommendations and (treatment protocols) on the provision of	modern methods of using medicines, medical devices and therapeutic nutrition in diseases and conditions of the patient in accordance with the	draw up a treatment plan for the disease and the patient's condition taking into account the diagnosis, the patient's age, the clinical picture of the	development of a treatment plan for a disease or condition, taking into account the diagnosis, age and clinical picture in accordance with the current procedures for the provision of

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	in accordance with	medical care, taking	current	disease in	medical care,
	current procedures	into account the	procedures	accordance	clinical
	for the medical care	standards of medical	for medical	with the	guidelines and
	delivery, clinical	care; mechanism of	care, clinical	current	(treatment
	•	action of drugs medical	recommenda	procedures	protocols) on
	recommendations	products and medical	tions	for providing	the provision of
	(treatment	nutrition, medical	(treatment	medical care,	medical care,
	protocols) on the	indications and	protocols) on	clinical	taking into
	provision of	contraindications to	the provision	recommenda	account the
	medical care taking	their use; complications	of medical	tions	standards of
	Ũ	caused by their use;	care taking	(treatment	medical care:
	into account the	modern methods of	into account	protocols) on	prescribing
	standards of	non-drug treatment of	the standards	the provision	drugs, medical
	medical care and to	diseases and conditions	of medical	of medical	devices and
	evaluate the	in a patient in			clinical
	effectiveness and	accordance with the	care; the	care, taking	
		current procedures for	mechanism	into account	nutrition
	safety of the use of	the provision of	of action of	the standards	considering the
	medicines, medical	medical care, clinical	medicines,	of medical	diagnosis, age
	devices, therapeutic	guidelines(treatment	medical	care;	and clinical
	nutrition and other	protocols) on the	devices and	prescribe	presentation of
	methods of	provision of medical	therapeutic	medications,	the disease and
	treatment	care, taking into	nutrition,	medical	in accordance
	ucalifient	account the standards of	medical	devices and	with the current
		medical care;	indications	therapeutic	procedures for
		mechanism of action of	and	nutrition	the provision of
		non-drug treatment; medical indications and	contraindicat	taking into	medical care.
		contraindications to its	ions to their	account the	clinical
			use;	diagnosis,	guidelines and
		appointment; side	complication	age and	(treatment
		effects, complications caused by its use	s caused by	clinical	protocols) on
		IPC 8.2 Able to: draw	their use;	picture of the	the provision of
		up a treatment plan for	modern	disease in	-
		the disease and the			medical care,
		patient's condition,	methods of	accordance	taking into
		taking into account the	non-drug	with the	account the
		diagnosis, the age of the	treatment of	current	standards of
		patient, the clinical	diseases and	medical care	care:
		picture of the disease in	conditions of	procedures,	prescribing
		accordance with the	the patient in	clinical	non-drug
		current procedures for	accordance	recommenda	treatment taking
		the provision of	with current	tions	into account the
		medical care,	medical care	(treatment	diagnosis, age
		clinical guidelines and	procedures,	protocols) on	and clinical
		(treatment protocols) on	clinical	the provision	picture of the
		the provision of	recommenda	of medical	disease in
		medical care, taking	tions	care taking	accordance with
		into account the	(treatment	into account	the current
		standards of medical	protocols) on	the standards	procedures for
		care; prescribe	the provision	of medical	the provision of
		medicines, medical	of medical	care;	medical care,
		devices and therapeutic	care taking	prescribe	clinical
		nutrition, taking into	into account	-	recommendatio
		account the diagnosis,		non-drug	
		age and clinical picture	the standards	treatment	ns and
		of the disease in	of medical	taking into	(treatment
		accordance with the	care; action	account the	protocols) on
		current procedures for	mechanism	diagnosis,	the provision of
		the provision of	of non-drug	age and	medical care,
		medical care clinical	treatment;	clinical	taking into
		guidelines and	medical	picture of the	account the
		(treatment protocols) on	indications	disease in	standards of
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			the provision of medical care, taking	and	accordance	medical care;
			into account the	contraindicat ions to its	with the	assessment of the
			standards of medical		current medical care	effectiveness
			care; prescribe non-	prescription;		
			pharmacological	side effects,	procedures, clinical	and safety of the use of
			treatment taking into	complication s caused by	recommenda	medicines,
			account the diagnosis,	its use	tions	medical
			age and clinical picture	its use	(treatment	devices, clinical
			of the disease in		protocols) on	nutrition and
			accordance with the		issues related	other methods
			current procedures for		to the	of treatment
			the provision of medical care, clinical		provision of	or treatment
			guidelines and		medical care	
			(treatment protocols) on		taking into	
			the provision of		account the	
			medical care, taking		standards of	
			into account the		medical care;	
			standards of medical		evaluate the	
1			care; evaluate the		effectiveness	
1			effectiveness and safety		and safety of	
1			of the use of medicines, medical devices and		the use of	
1			clinical nutrition		medicines,	
					medical	
					devices and	
					therapeutic	
					nutrition	
20.	. PC-9	Able to provide	IPC 9.1 Knows how to	the	prescribe	provision of
1		palliative care in	provide palliative care	procedure for	medicines,	palliative care
1		cooperation with	IPC 9.2 Able to: Prescribe medicines,	providing	medical	in cooperation
1		specialist doctors	medical devices and	palliative	devices and	with medical
1		and other medical	nutritional therapy,	care	therapeutic	specialists and
1		professionals	taking into account the		nutrition taking into	other medical workers
1		r	diagnosis, age and		account the	WUIKEIS
1			clinical picture of the		diagnosis,	
1			disease in accordance		age and	
1			with the current		clinical	
1			procedures for the		picture of the	
1			provision of medical care, clinical guidelines		disease in	
			and (treatment		accordance	
1			protocols) on the		with the	
1			provision of medical		current	
1			care, taking into		procedures	
1			account the standards of		for providing	
1			medical care; prescribe		medical care,	
1			non-drug treatment,		clinical	
			taking into account the		recommenda	
			diagnosis, age and clinical picture of the		tions	
1			disease in accordance		(treatment	
			with the current		protocols) on	
			procedures for the		the provision	
			provision of medical		of medical	
			care, clinical guidelines		care taking	
			and (treatment		into account	
			protocols) on the		the standards	
	1	1	provision of medical		of medical	
			-			
			care, taking into account the standards of		care; prescribe	

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

		their use; complications	of medical	tions	account the
		caused by their use,	care taking	(treatment	standards of
		modern methods of	into account	protocols) on	medical care;
		non-drug treatment of	the standards	the provision	Evaluation of
		diseases and conditions	of medical	of medical	the
		in patients in	care; the	care taking	effectiveness
		accordance with the	mechanism	into account	and safety of
		current procedures for the provision of	of action of	the standards	the use of
		medical care, clinical	medicines,	of medical	medicines,
		guidelines (treatment	medical	care;	medical
		protocols) on the	devices and	prescribe	devices, clinical
		provision of medical	therapeutic	non-drug	nutrition and
		care, taking into	nutrition,	treatment	other methods
		account the standards of	medical	taking into	of treatment
		medical care;	indications	account the	
		mechanism of action of	and	diagnosis,	
		non-drug treatment;	contraindicat	age and	
		medical indications and	ions to their	clinical	
		contraindications to its	use;	picture of the	
		appointment; side	complication	disease in in	
		effects, complications	s caused by	accordance	
		caused by its use	their use;	with the	
		IPC 10.2 Able to:	modern	current	
		prescribe medications,	methods of	procedures	
		medical products and	non-drug	for the	
		medical nutrition, taking into account the	treatment of	provision of	
		diagnosis. age and	diseases and	medical care,	
		clinical picture of the	conditions of	clinical	
		disease in accordance	the patient in	recommenda	
		with the current	accordance	tions	
		procedures for the	with current	(treatment	
		provision of medical	medical care	protocols) on	
		care, clinical guidelines	procedures,	the provision	
		and (treatment	clinical	of medical	
		protocols) on the	recommenda	care taking	
		provision of medical	tions	into account	
		care, taking into	(treatment	the standards	
		account the standards of	protocols) on	of medical	
		medical care; prescribe	the provision	care;	
		non-medical treatment taking into account the	of medical	evaluate the	
		diagnosis, age and	care taking	effectiveness	
		clinical picture of the	into account	and safety of	
		disease in accordance	the standards	the use of	
		with the current	of medical	medicines,	
		procedures for the	care;	medical	
		provision of medical	mechanism	devices and	
		care, clinical guidelines	of action of	medical	
		and (treatment	non-drug	nutrition	
		protocols) on the	treatment;		
		provision of medical	medical		
		care, taking into	indications		
		account the standards of	and		
		medical care; evaluate	contraindicat		
		the effectiveness and	ions to its		
		safety of the use of	prescription;		
		medicines, medical devices and clinical	side effects,		
		nutrition	complication		
		nautuon	s caused by		
			its use		
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22.	PC-11	Able to carry out an examination of temporary disability and work as a part of a medical commission carrying out an examination of temporary disability	IPC 11.1 Knows: the procedure for the examination of temporary disability and the signs of a patient's temporary disability; rules for processing and issuing medical documents when referring patients to provide specialized other medical care, to sanatorium and resort treatment. for medical and social examination IPC 11.2 Able to: identify signs of temporary disability and signs of persistent impairment of body functions due to diseases, consequences of injuries or defects	the procedure for the examination of temporary disability and signs of temporary disability of the patient; the rules for registration and issue of medical documents when referring patients for specialized medical care, sanatorium treatment, medical and social examination	identify signs of temporary disability and signs of persistent impairment of body functions caused by diseases, the 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 the necessary medical documentation for the implementation of a medical and social examination in federal state institutions of medical and social expertise
23	PC-17	Able to: conduct	IPC 17.1 Knows:	regulatory	to carry out	prescribing
23.	PC-17	Able to: conduct dispensary monitoring of patients with identified chronic non-communicable diseases and carry out medical examination of the adult population in order to early detect chronic non- communicable diseases and the main risk factors for their development in accordance with current regulatory legal acts and other	IPC 17.1 Knows: normative legal acts and other documents regulating the procedures for conducting medical examinations, clinical examination and dispensary observation; principles of dispensary observation of patients with non- communicable diseases and risk factors in accordance with regulatory legal acts and other documents; list of medical specialists involved in medical examinations, medical examinations IPC 17.2 Can: conduct medical examinations of the	regulatory legal acts and other documents regulating the procedures for conducting medical examinations , medical survey and dispensary supervision; principles of dispensary supervision of patients with non- communicab le diseases and risk	to carry out medical examination of the adult population for the purpose of early detection of chronic non- communicab le diseases, the main risk factors for their development ; to carry out dispensary observation of patients with identified chronic non-	prescribing preventive measures to patients taking into account risk factors in accordance with the current procedures for the provision of medical care, clinical recommendatio ns and (treatment protocols) on the provision of medical care, taking into account the standards of medical care; monitoring

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

Type of educational work	Labor intensity		Labor intensity (AH) in semesters			
	volume in	volume in				
	credit units	academic				
	(CU)	hours (AH)	10	11		
Classroom work, including						
Lectures (L)	0,8	28	14	14		
Laboratory practicum (LP)*						
Practicals (P)	4	146	74	72		
Seminars (S)						
Student's individual work (SIW)	3,2	114	56	58		
Mid-term assessment						
credit/exam (specify the type)	1	36		36		
TOTAL LABOR INTENSITY	9	324	144	180		

### **4. Volume of the academic discipline and types of academic work** Total labor intensity of the discipline is \_9\_\_\_ CU (\_324\_\_AH)

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

N⁰	Competence code	Section name of the discipline
1.	UC-1, 3, 4, 5 GPC-1, 4, 5, 6, 7, 8, 11 PC-1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 17, 22	Surgical diseases of the digestive system
2.	UC-1, 3, 4, 5 GPC-1, 4, 5, 6, 7, 8, 11 PC-1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 17, 22	Surgical diseases of the bronchopulmonary system and pleura
3.	UC-1, 3, 4, 5 GPC-1, 4, 5, 6, 7, 8, 11 PC-1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 17, 22	Surgical diseases of the cardiovascular system
4.	UC-1, 3, 4, 5 GPC-1, 4, 5, 6, 7, 8, 11 PC-1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 17, 22	Surgical diseases of the endocrine organs
5.	UC-1, 3, 4, 5 GPC-1, 4, 5, 6, 7, 8, 11 PC-1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 17, 22	Purulent diseases of soft tissues. Osteomyelitis.
6.	UC-1, 3, 4, 5 GPC-1, 4, 5, 6, 7, 8, 11 PC-1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 17, 22	Injuries of the chest and abdominal cavities. Bleeding. Complications.
7.	UC-1, 3, 4, 5 GPC-1, 4, 5, 6, 7, 8, 11	Final lesson. Exam.

PC-1, 2, 3, 4, 5, 6	
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