Summary of the working program of the academic discipline

«PATIENT CARE»

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

31.05.01 General Medicine

Department: endocrinology and internal medicine

- **1. The purpose of mastering the discipline** (participation in the formation of relevant competencies specify the codes): The purpose of mastering the discipline: participation in forming the relevant competencies UC-1, GPC-1, GPC-4, GPC-5, GPC-6, GPC-10, PC-1, PC-2, PC-3, PC-4. Tasks of the discipline: master the following competencies IUC 1.1, IUC 1.2, IUC 1.3, IGPC 1.1, IGPC 1.2, IGPC 4.1, IGPC 4.2, IGPC 4.3, IGPC 5.1, IGPC 5.2, IGPC 5.3, IGPC 6.1, IGPC 6.2, IGPC 6.3, IGPC 10.1, IGPC 10.2, IGPC 10.3, IPC 1.1, IPC 1.2, IPC 2.1, IPC 2.2, IPC 3.1, IPC 3.2, IPC 4.1, IPC 4.2
- 2. Position of the academic discipline in the structure of the General Educational Program (GEP).
- **2.1.** The discipline Patient care refers to the core part of Block 1 of GEP HE (Academic discipline index).

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

			Code and	As a result	of mastering the o	liscipline, the
	Compoto	The content of the	name of the		students should:	•
№	Compete nce code	competence (or its part)	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 IUC 1.2 IUC 1.3	methods of critical analysis and evaluation of modern scientific achievements; basic principles of critical analysis	receive new knowledge based on analysis, synthesis, etc.; collect data on complex scientific problems related to the professional field; search for information and solutions	research of the problem of professional activity using analysis, synthesis and other methods of intellectual activity; developing an action strategy to solve professional problems
					based on action, experiment and experience	
2.	GPC-1	Able to	IGPC 1.1	foundations	apply ethical	Has practical
		implement moral	IGPC 1.2	of medical	standards and	experience:
		and legal norms,	IGPC 1.3	ethics and	principles of	solving
		ethical and		deontology;	behavior of a	standard
		deontological		fundamentals	medical	problems of

		principles in professional activities		of legislation in the field of healthcare; legal aspects of medical practice	worker in the performance of their professional duties; knowledge of modern legislation in the field of healthcare in solving problems of professional activity; apply the rules and norms of interaction between a doctor and colleagues and patients (their legal representatives	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
3.	GPC-4	Able to use medical devices provided for by the order of medical care, as well as conduct examinations of the patient in order to establish a diagnosis	IGPC 4.1 IGPC 4.2 IGPC 4.3	Knows the methodology for collecting an anamnesis of life and diseases, complaints from patients (their legal representatives); method of examination and physical examination; clinical picture, diagnostic methods of the most common diseases; methods of laboratory and instrumental studies for assessing the	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 and physical examination patients; diagnose the most common pathology in patients; identify risk	Has practical experience: collecting complaints, anamnesis of life and disease in patients (their legal representatives), identifying risk factors and causes of diseases; examination and physical examination of patients; diagnosis of the most common diseases; identification of risk factors for major cancers; formulating a preliminary diagnosis, drawing up a plan for

state of health, medical indications for conducting studies, rules for interpreting their results; international statistical classification of diseases and related health problems (ICD); conditions requiring emergency medical care; the procedure for the use of medical devices in accordance with the current procedures for the provision of medical, clinical recommendat ions (treatment protocols) on the provision of medical care, care, taking into account the standards of medical care

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 recommendati ons, 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 recommendati ons, taking into account the standards of medical care; refer patients for consultations to specialist doctors in accordance with the procedures for providing medical care, clinical

instrumental, laboratory, additional studies. consultations with specialist doctors; referral of patients for instrumental, laboratory, additional studies. consultations of medical specialists in accordance with the current procedures for the provision of medical care, clinical recommendatio ns, taking into account the standards of medical care; interpretation of data from additional (laboratory and instrumental) examinations of patients; making a preliminary diagnosis in accordance with the international statistical classification of diseases and related health problems (ICD); carrying out differential diagnostics of diseases; recognition of conditions arising from sudden acute

		recommendati	diseases,
		ons, taking	exacerbation of
		into account	chronic
		the standards	diseases
		of medical	without
		care; interpret	obvious signs
		and analyze	of a threat to
		the results of	the patient's life
		consultations	and requiring
		with patients'	emergency
		specialists;	medical care;
		interpret and	the use of
		analyze the	medical devices
		results of basic	in accordance
		(clinical) and	with the current
		additional	procedures for
			-
		(laboratory,	the provision of
		instrumental)	medical,
		examination	clinical
		methods; to	recommendatio
		carry out	ns (treatment
		differential	protocols) on
		diagnostics of	the provision of
		diseases in	medical care,
		patients;	assistance
		identify	taking into
		clinical signs	account the
		of sudden	standards of
		acute diseases,	medical care
		conditions,	
		exacerbations	
		of chronic	
		diseases	
		without	
		obvious signs	
		of a threat to	
		life, requiring	
		emergency	
		medical care;	
		apply medical	
		devices in	
		accordance	
		with the	
		current	
		procedures for	
		the provision	
		of medical,	
		clinical	
		recommendati	
		ons (treatment	
		protocols) on	
		-	
		the provision	

					of medical	
					care, care,	
					taking into	
					account the	
					standards of	
					medical care	
4.	GPC-5	Able to assess	IGPC 5.1	anatomy,	evaluate the	Has practical
		morphofunctional	IGPC 5.2	histology,	main	experience:
		, physiological	IGPC 5.3	embryology,	morphofunctio	assessment of
		conditions and		topographic	nal data,	basic
		pathological		anatomy,	physiological	morphological
		processes in the		physiology,	conditions and	and functional
		human body to		pathological	pathological	data,
		solve professional		anatomy and	processes in	physiological
		problems		physiology of	the human	conditions and
				human	body	pathological
				organs and		processes in the
				systems		human body in
				-		solving
						professional
						problems
5.	GPC-6	Able to organize	IGPC -6.1	methodology	recognize	assessment of a
		patient care,	IGPC -6.2	for collecting	conditions	condition
		provide primary	IGPC -6.3	complaints	requiring	requiring
		health care,		and	emergency	emergency
		ensure the		anamnesis	medical care,	medical care,
		organization of		from patients	including in	including in
		work and the		(their legal	emergency	emergency
		adoption of		representativ	situations,	situations,
		professional		es); methods	epidemics and	epidemics and
		decisions in		of physical	in areas of	in centers of
		emergency		examination	mass	mass
		conditions at the		of patients	destruction,	destruction;
		prehospital stage,		(examination,	requiring	recognition of
		in emergency		palpation,	emergency	conditions that
		situations,		percussion,	medical care;	pose a threat to
		epidemics and in		auscultation);	organize the	life, including
		centers of mass		principles	work of	the state of
		destruction		and methods	medical	clinical death
				of providing	personnel in	(stoppage of
				medical care	emergency	vital functions
				to patients in	situations, in	of the human
				emergencies,	emergency	body (blood
				in emergency	situations,	circulation and
				situations,	epidemics and	(or)
				epidemics	in the centers	respiration),
				and in areas	of mass	requiring
				of mass	destruction;	emergency
				destruction in	provide	medical care;
				accordance	emergency	provision of
				with the	medical care to	emergency
				procedures	patients in	medical care to
<u></u>	I	l		procedures	Patients III	medical cale to

	T	T	I	T	T	T
				for providing	conditions that	patients in
				medical care,	pose a threat to	conditions that
				clinical	the life of	pose a threat to
				recommendat	patients,	the life of
				ions, taking	including	patients,
				into account	clinical death	including
				the standards	(stopping the	clinical death
				of medical	vital functions	(stopping the
				care; clinical	of the human	vital functions
				signs of	body (blood	of the human
				major	circulation and	body (blood
				medical	(or)	circulation and
				emergencies;	respiration);	(or)
				principles of	use medicines	respiration); the
				medical	and medical	use of drugs
				evacuation in	devices in the	and medical
				emergency	provision of	devices in the
				situations,	medical care in	provision of
				epidemics	emergency	medical care in
				and in the	conditions;	emergencies
				centers of	perform basic	and epidemics;
						the use of
				mass	cardiopulmona	
				destruction;	ry	personal
				principles of	resuscitation;	protective
				work in the	use personal	equipment;
				centers of	protective	organization of
				mass	equipment;	patient care,
				destruction;	organize	provision of
				principles of	patient care,	primary
				organization	provide	medical -health
				of patient	primary health	care
				care,	care	
				provision of		
				primary		
				health care		
6.	GPC-10	Able to solve	IGPC 10.1	the	apply modern	the use of
		standard tasks of	IGPC 10.2	possibilities	information	modern
		professional	IGPC 10.3	of reference	and	information and
		activity using		and	communicatio	bibliographic
		information,		information	n technologies	resources, the
		bibliographic		systems and	to solve the	use of special
		resources,		professional	problems of	software and
		biomedical		databases;	professional	automated
		terminology,		methods of	activity; to	information
		information and		information	carry out an	systems to
		communication		search,	effective	solve standard
		technologies,		information	search for	tasks of
		taking into		and	information	professional
		account the basic		communicati	necessary to	activity, taking
		requirements of		on	solve the	into account the
		information		technologies;	problems of	basic
		security		modern	professional	requirements of
<u> </u>	I .	Society		111000111	Professional	1040110111011101110

7.	PC 1	Able to assess the condition of a patient requiring emergency or emergency medical care	IPC 1.1 IPC 1.2	medical and biological terminology; basics of information security in professional activity etiology, pathogenesis and pathomorphology, clinical picture, differential diagnosis, course features, complication s and outcomes of diseases of internal organs; methodology for collecting complaints and	activity using reference systems and professional databases; use modern medical and biological terminology; master and apply modern information and communicatio n technologies in professional activities, taking into account the basic requirements of information security identify clinical signs of conditions requiring emergency or emergency medical care	information security
				outcomes of diseases of internal organs; methodology for collecting complaints		

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				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 or emergency		
				forms		
8.	PC-2	Able to recognize	IPC 2.1	etiology,	identify	
		conditions arising	IPC 2.2	pathogenesis	clinical signs	
		from sudden		and	of conditions	
		acute illnesses,		pathomorpho	requiring	
		exacerbation of		logy, clinical	emergency	
		chronic diseases		picture,	medical care;	
		without obvious		differential	identify	
		signs of a threat		diagnosis,	conditions	
		to the patient's		course	requiring	
		life and requiring		features,	emergency	
		emergency		complication	medical care,	
		medical care, to		s and	including	
		recognize		outcomes of	clinical signs	
		conditions that		diseases of	of sudden	
		threaten the		internal	cessation of	
		patient's life,		organs;	blood	
		including		methodology	circulation and	
		conditions of		for collecting	breathing	
		clinical death		complaints		
		(stopping the vital		and		
		functions of the		anamnesis		
		human body		from patients		
		(circulation and /		(their legal		
		or breathing),		representativ		
		requiring medical		es); methods		
		attention in an		of physical		
		emergency form		examination		
				of patients		
				(examination,		
				palpation,		
				percussion,		
				auscultation);		

1					
				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 sudden	
				cessation of	
				circulation	
				and/or	
				respiration	
9.	PC-3	PC-3 Able to	IPC 3.1.	rules for	carry out
<i>)</i> .	103	provide	IPC 3.2	basic	measures to
		emergency	11 0 3.2	cardiopulmon	provide
		medical care to		ary	medical care in
		patients in case of		resuscitation;	urgent and
		sudden acute		principles of	_
		diseases,			emergency forms; basic
				operation of devices for	
		conditions,			cardiopulmona
		exacerbation of		external	ry resuscitation
		chronic diseases		electropulse	in combination
		without obvious		therapy	with electrical
		signs of a threat		(defibrillation	impulse
		to the patient's); rules for	therapy
		life, to provide		performing	(defibrillation)
		emergency		external	
		medical care to		electrical	
		patients in		impulse	
		conditions that		therapy	
		threaten the		(defibrillation	
		patient's life,) in case of	
		including clinical		sudden	
		death (stopping		cessation of	
		vital functions of		blood	
		the human body		circulation	
		(circulation		and / or	
		and/or		respiration	
				respiration	
L I					1
10	DC 4	respiration)	IDC 4.1	modem	nragariha
10.	PC-4	Able to use	IPC 4.1	modern	prescribe
10.	PC-4		IPC 4.1 IPC 4.2	modern methods of using	prescribe medicines, medical

in the provision of	medicines,	devices, taking	
medical care in	medical	into account	
emergency or	devices for	the diagnosis,	
urgent forms	diseases and	age and	
	conditions in	clinical picture	
	accordance	of the disease	
	with the	in accordance	
	current	with the	
	procedures	current	
	for the	procedures for	
	provision of	the provision	
	medical care,	of medical	
	clinical	care, clinical	
	recommendat	guidelines	
	ions	(treatment	
	(treatment	protocols) on	
	protocols) on	the provision	
	the provision	of medical care	
	of medical	in emergency	
	care, taking	or urgent	
	into account	forms	
	standards		

4. Volume of the academic discipline and types of academic work Total labor intensity of the discipline is 2 CU (72 AH)

Type of educational work	Labor i	ntensity	Labor intensity (AH) in semesters
	volume in	volume in	
	credit units	academic	
	(CU)	hours (AH)	1 semester
Classroom work, including			
Lectures (L)	0,38	14	14
Laboratory practicum (LP)*			
Practicals (P)	0.94	34	34
Seminars (S)			
Student's individual work (SIW)	0,68	24	24
Mid-term assessment			
credit/exam (specify the type)	cre	edit	
TOTAL LABOR INTENSITY	2	72	72

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

№	Competence code	Section name of the discipline
1	UC-1, GPC-1, GPC-4, GPC-5, GPC-6, GPC-10, PC-1, PC-2, PC-3, PC-4	Part 1 (General Patient care)
2	UC-1, GPC-1, GPC-4, GPC-5, GPC-6, GPC-10, PC-1, PC-2, PC-3, PC-4	Part 2 (Patient care in different pathology)