« ASSISTANCE OF JUNIOR MEDICAL STAFF»

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 1.3, 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 Nursing therapy (Assistance of junior medical staff) refers to the core part of Block 2 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 d	-
	Compete	The content of the	name of the		students should	
№	nce code	competence (or	competence	_		
		its part)	acquisition	know	be able to	possess
			metric			
1.	UC-1	Able to carry out	IUC 1.1	methods of	receive new	research of the
		a critical analysis	IUC 1.2	critical	knowledge	problem of
		of problem	IUC 1.3	analysis and		professional
		situations based		evaluation of	analysis,	activity using
		on a systematic		modern	synthesis, etc.;	analysis,
		approach, develop		scientific	collect data on	synthesis and
		an action strategy		achievements	complex	other methods
				; basic	scientific	of intellectual
				principles of	problems	activity;
				critical	related to the	developing an
				analysis	professional	action strategy
					field; search	to solve
					for information	professional
					and solutions	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 representativ es); 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 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

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	state of	factors for	instrumental,
	health,	cancer;	laboratory,
	medical	formulate a	additional
	indications	preliminary	studies,
	for	diagnosis,	consultations
	conducting	draw up a plan	with specialist
	studies, rules	for conducting	doctors; referral
	for	laboratory,	of patients for
	interpreting	instrumental	instrumental,
	their results;	and additional	laboratory,
	international	studies in	additional
	statistical	patients in	studies,
	classification	accordance	consultations of
	of diseases	with the	medical
	and related	procedures for	specialists in
	health	providing	accordance
	problems	medical care,	with the current
	(ICD);	clinical	procedures for
	(ICD), conditions	recommendati	the provision of
			-
	requiring	ons, taking into account	medical care, clinical
	emergency		
	medical care;	the standards	recommendatio
	the procedure	of medical	ns, taking into
	for the use of	care; refer	account the
	medical	patients for	standards of
	devices in	laboratory,	medical care;
	accordance	instrumental	interpretation
	with the	and additional	of data from
	current	studies in	additional
	procedures	accordance	(laboratory and
	for the	with the	instrumental)
	provision of	current	examinations of
	medical,	procedures for	patients;
	clinical	the provision	making a
	recommendat	of medical	preliminary
	ions	care, clinical	diagnosis in
	(treatment	recommendati	accordance
	protocols) on	ons, taking	with the
	the provision	into account	international
	of medical	the standards	statistical
	care, care,	of medical	classification of
	taking into	care; refer	diseases and
	account the	patients for	related health
	standards of	consultations	problems
	medical care	to specialist	(ICD); carrying
	mourcai calt	doctors in	out differential
		accordance	
			diagnostics of
		with the	diseases;
		procedures for	recognition of
		providing	conditions
		medical care,	arising from
		clinical	sudden acute

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		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
			emergency
		with patients'	medical care;
		specialists;	the use of
		interpret and	
		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	

4.	GPC-5	Able to assess	IGPC 5.1	anatomy,	of medical care, care, taking into account the standards of medical care evaluate the	Has practical
		morphofunctional , physiological conditions and pathological processes in the human body to solve professional problems	IGPC 5.2 IGPC 5.3	histology, embryology, topographic anatomy, physiology, pathological anatomy and physiology of human organs and systems	main morphofunctio nal data, physiological conditions and pathological processes in the human body	experience: assessment of basic morphological and functional data, physiological conditions and pathological processes in the human body in solving professional problems
5.	GPC-6	Able to organize patient care, provide primary health care, ensure the organization of work and the adoption of professional decisions in emergency conditions at the prehospital stage, in emergency situations, epidemics and in centers of mass destruction	IGPC -6.2 IGPC -6.3	methodology for collecting complaints and anamnesis from patients (their legal representativ es); 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	recognize conditions requiring emergency medical care, including in emergency situations, epidemics and in areas of mass destruction, requiring emergency medical care; organize the work of medical personnel in emergency situations, in emergency situations, in emergency situations, epidemics and in the centers of mass destruction; provide emergency medical care to patients in	assessment of a condition requiring emergency medical care, including in emergency situations, epidemics and in centers 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; provision of emergency medical care to

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			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;
			mass	cardiopulmona	the use of
			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
			information	search for	tasks of
	technologies,				
	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
1 1	security		modern	professional	requirements of

				medical and biological terminology;	activity using reference systems and	information security
				basics of information	professional databases; use	
				security in	modern	
				professional activity	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	
7.	PC 1	Able to assess the condition of a	IPC 1.1 IPC 1.2	etiology, pathogenesis	identify clinical signs	
		patient requiring		and	of conditions	
		emergency or		pathomorpho	requiring	
		emergency medical care		logy, clinical picture,	emergency or emergency	
		medical care		differential	medical care	
				diagnosis,		
				course features,		
				complication		
				s and outcomes of		
				diseases of		
				internal		
				organs;		
				methodology for collecting		
				complaints		
				and anamnesis;		
				physical		
				examination		
				technique		
				(examination, palpation,		
				percussion,		
				auscultation);		
				a list of		

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

				a list of		
				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	
		provide	IPC 3.2	basic	measures to	
		emergency		cardiopulmon	provide	
		medical care to		ary	medical care in	
		patients in case of		resuscitation;	urgent and	
		sudden acute		principles of	emergency	
		diseases,		operation of	forms; basic	
		conditions,		devices for	cardiopulmona	
		exacerbation of		external	ry resuscitation	
		chronic diseases without obvious		electropulse	in combination with electrical	
		signs of a threat		therapy (defibrillation	impulse	
		to the patient's		); rules for	therapy	
		life, to provide		performing	(defibrillation)	
		emergency		external	(denormation)	
		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)				
10.	PC-4	Able to use	IPC 4.1	modern	prescribe	
		medicines and	IPC 4.2	methods of	medicines,	
1		medical devices		using	medical	

in the provision of		diainaa	darrigan talring	
in the provision of		dicines,	devices, taking	
medical care in		dical	into account	
emergency or	dev	vices for	the diagnosis,	
urgent forms	dise	eases and	age and	
	con	ditions in	clinical picture	
	acc	ordance	of the disease	
	wit	h the	in accordance	
	cur	rent	with the	
	pro	cedures	current	
	for	the	procedures for	
	pro	vision of	the provision	
	med	dical care,	of medical	
	clin	nical	care, clinical	
	reco	ommendat	guidelines	
	ions	s	(treatment	
	(tre	atment	protocols) on	
	pro	tocols) on	the provision	
	the	provision	of medical care	
	of r	nedical	in emergency	
	care	e, taking	or urgent	
	into	account	forms	
	star	ndards		

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

Total labor intensity of the discipline is 4 CU (144 AH)

Type of educational work	Labor	intensity	Labor intensity (AH)
	volume in	volume in	in semesters
	credit units	academic	
	(CU)	hours (AH)	
Classroom work, including			
Lectures (L)			
Laboratory practicum (LP)*			
Practicals (P)	4	144	144
Seminars (S)			
Student's individual work (SIW)			
Mid-term assessment			
credit/exam (specify the type)			
TOTAL LABOR INTENSITY	4	144	

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

N	<u>lo</u>	Competence code	Section name of the discipline
1	1	UC-1, GPC-1, GPC-4, GPC-5, GPC-6, GPC-10, PC-1, PC-2, PC-3, PC-4	Introduction to hospital
2	2	UC-1, GPC-1, GPC-4, GPC-5, GPC-6, GPC-10, PC-1, PC-2, PC-3, PC-4	General principles of patient care
	3	UC-1, GPC-1, GPC-4, GPC-5, GPC-6, GPC-10, PC-1, PC-2, PC-3, PC-4	Care of patients with pathology of various organ systems