#### Summary of the working program of the academic discipline

### «Polyclinic therapy» (name of the academic discipline)

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

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code, name of the specialty

Department: **ENDOCRINOLOGY AND INTERNAL** 

**DISEASES** 

- **1. The purpose of mastering the discipline** (participation in the formation of relevant competencies specify the codes):
- 1.1. Formation of universal, general professional and professional competencies of a university student corresponding to the professional standard "medical doctor".
  - 1.2. Tasks of studying the discipline.
- 1. To use knowledge of symptoms, syndromes, features of anamnesis, modern methods of clinical, laboratory and instrumental examination of patients with diseases of internal organs at the outpatient stage.
- 2. To use the skills to determine the status of the patient: collect anamnesis, conduct a survey of the patient and / or his relatives, conduct a physical examination of the patient (examination, palpation, percussion, auscultation, blood pressure measurement, etc.); conduct an initial examination of all body systems.
- 3. Formation of skills of clinical diagnosis, differential diagnosis, algorithm of treatment measures at the outpatient stage, implementation of preventive measures.
  - 1.3. Requirements to the deliverables of mastering the discipline

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

**2.1.** The discipline POLYCLINIC THERAPY refers to the core part (or *the part formed by the participants of educational relations*) of Block 1 of GEP HE (Academic discipline index).

The discipline is taught in 9,10,11,12 semesters of study.

## 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

	Comp	The content of the	Code and	As a result of	mastering the	discipline,
	etence	competence (or its part)	name of the	the students s	should:	
$N_{\underline{0}}$	code		competence			
			acquisition	know	be able to	possess
			metric			
1.	UC-3	is able to organize and	IUC 3.1	problems of	determine	Has
		manage the work of the	Knows: the	selecting an	the	practical
		team, developing a team	problems of	effective	managemen	experience:
		strategy to achieve the	selecting an	team; basic	t style for	participatio

goal	effective	conditions	the	n in the
goai	team; the	for	effective	developme
	basic	effective	work of the	nt of a team
	conditions	teamwork;		work
	for	•	team;	
		fundamenta	develop a	strategy;
	effective	ls of	team	participatio
	teamwork;	strategic	strategy;	n Has
	the basics	human	apply the	practical
	of strategic	resource	principles	experience:
	human	managemen	and	participatio
	resource	t,	methods of	n in the
	managemen	regulatory	organizing	developme
	t, normative	legal acts	team	nt of a team
	strategies	concerning	activities	work
	for	the		strategy;
	teamwork;	organizatio		participatio
	participatio	n and		n
	n in	implementa		
	teamwork,	tion of		
	role	professiona		
	allocation	l activities;		
	in team	organizatio		
	interaction	nal		
	-	behavior		
		models,		
		factors of		
		formation		
		of		
		organizatio		
		nal		
		relationship		
		s; strategies		
		and		
		principles		
		of		
		teamwork,		
		the main		
		characterist		
		ics of the		
		organizatio		
		nal climate		
		and		
		interaction		
		of people in		
		the		
<u>ı</u>				

				organizatio		
				n		
2.	GPC-	Is able to carry out and	IGPC-2.1.	the main	to carry out	skills of
	2	monitor the	Knows: the	criteria for	sanitary	promoting
		effectiveness of	main	a healthy	and	a healthy
		preventive measures,	criteria of a	lifestyle	hygienic	lifestyle
		healthy lifestyle	healthy	and	education	and
		formation and sanitary	lifestyle	methods of	among	preventing
		and hygienic education	and	its	children	the most
		of the population	methods of	formation;	and adults	common
			its	socio-	(their legal	diseases;
			formation;	hygienic	representati	conducting
			socio-	and	ves) and	sanitary
			hygienic	medical	medical	and
			and	aspects of	workers in	educational
			medical	alcoholism,	order to	work
			aspects of	drug	form a	among
			alcoholism,	addiction,	healthy	children
			drug	substance	lifestyle	and adults;
			addiction,	abuse, the	and prevent	forming
			substance	basic	the most	behavior in
			abuse, the	principles	common	children
			basic	of their	diseases; to	and adults
			principles	prevention;	carry out	(their legal
			of their	forms and	sanitary	representati
			prevention;	methods of	and	ves) aimed
			forms and	sanitary	educational	at
			methods of	and	work	preserving
			sanitary	hygienic	among	and
			and	education	children	improving
			hygienic	among	and adults	the level of
			education	patients	in order to	somatic
			among	(their legal	form a	health;
			patients	representati	healthy	formation
			(their legal	ves),	lifestyle	of healthy
			representati	medical	and prevent	lifestyle
			ves),	workers;	the most	programs,
			medical	basic	common	including
			workers;	hygienic	diseases; to	programs to
			basic	measures of	form	reduce
			hygienic	a health-	children	alcohol and
			measures of	improving	and adults	tobacco
			a health-	nature that	(their legal	consumptio
			improving	promote	representati	n,
			nature that	health and	ves)	prevention

promote prevent the behavior and control aimed at of nonhealth and occurrence maintaining medical use prevent the of the most of narcotic occurrence common and of the most diseases; improving drugs and common fundamenta the level of psychotropi ls of somatic diseases fundamenta preventive health; substances; ls of medicine; develop developme nt of a plan preventive stages of and medicine; planning implement of preventive stages of and programs for planning implementa the measures and tion of formation and of a healthy implementa communal implementa tion of tion of programs lifestyle, methods of communal for the including programs prevention programs to group and for the of the most reduce individual prevention common alcohol and prevention diseases of the most of the most tobacco common consumptio common diseases: diseases; n, prevent IGPC-2.2. and combat prescribing Is able to: nonpreventive conduct medical use measures sanitary of narcotic for children and drugs and and adults, hygienic psychotropi taking into education account among substances; risk factors, children develop oncological and adults of and plan preventive hygienic (their legal representati measures prevention ves) and and in implement medical accordance workers in methods of with the order to group and procedures form a individual for prevention healthy providing lifestyle of the most medical and prevent common care, the most diseases; clinical common prescribe recommend

diseases;	preventive	ations,
conduct	measures to	taking into
sanitary	patients	account the
and	taking into	standards
educational	account	of medical
work	risk factors	care;
	for	selection
among children	prevention	and
and adults	_	
in order to	and early detection	prescription of
form a		medicines
	diseases,	
healthy	including	and non-
lifestyle	cancer; to	drug
and prevent	carry out	methods for
the most	the	the
common	selection	prevention
diseases; to	and	of the most
form	appointmen	common
behavior in	t of	diseases,
children	medicines	
and adults	and non-	
(their legal	drug	
representati	methods for	
ves) aimed	the	
at	prevention	
preserving	of the most	
and	common	
improving	disease.	
the level of		
somatic		
health;		
develop		
and		
implement		
programs		
for the		
formation		
of a healthy		
lifestyle,		
including		
programs to		
reduce		
alcohol and		
tobacco		
consumptio		

	n, prevent and combat
	non-
	medical use
	of narcotic
	drugs and
	psychotropi
	C substances
	substances;
	develop a
	plan of
	preventive
	measures
	and
	implement
	methods of
	group and
	individual
	prevention
	of the most
	common
	diseases;
	prescribe
	preventive
	measures to
	patients
	taking into
	account
	risk factors for
	prevention and corty
	and early detection
	diseases,
	including cancer; to
	carry out the
	selection
	and
	appointmen appointmen
	t of
	medicines medicines
	and non-
	and non-
1 .	drug non-

	 1		
	drug		
	methods for		
	the		
	prevention		
	of the most		
	common		
	diseases.		
	IGPC- 2.3		
	Has		
	practical		
	experience		
	in:		
	promoting		
	a healthy		
	lifestyle		
	and		
	preventing		
	the most		
	common		
	diseases;		
	conducting		
	sanitary		
	and		
	educational		
	work		
	among		
	children		
	and adults;		
	forming		
	behavior in		
	children		
	and adults		
	(their legal		
	representati		
	ves) aimed		
	at		
	preserving		
	and		
	improving		
	the level of		
	somatic		
	health;		
	forming		
	healthy		
	lifestyle		
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programs
programs,
including programs to
programs to
reduce
alcohol and
tobacco
consumptio
n,
prevention
and the
fight
against
non-
medical use
of narcotic
drugs and
psychotropi
c
substances;
developme
nt of a plan
of
preventive
measures
and
implementa
tion of
methods of
group and
individual
prevention
of the most
common
diseases;
prescribing
preventive
measures
for children
and adults,
taking into
account
risk factors,
oncological
and
hygienic
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		T	ī	T	T	1
			prevention			
			in			
			accordance			
			with the			
			procedures			
			for			
			providing			
			medical			
			care,			
			clinical			
			recommend			
			ations,			
			taking into			
			account the			
			standards			
			of medical			
			care;			
			selection			
			and			
			prescription			
			of			
			medicines			
			and non-			
			drug			
			methods for			
			the			
			prevention			
			of the most			
			common			
			diseases.			
3.	GPC-	Able to prescribe	IGPC 7.1	methods of	develop a	skills of
	7	treatment and monitor	Knows:	drug and	treatment	developing
		its effectiveness and	methods of	non-drug	plan for	a treatment
		safety	drug and	treatment,	patients	plan for
			non-drug	medical	with the	patients
			treatment,	indications	most	with the
			medical	for the use	common	most
			indications	of medical	diseases in	common
			for the use	devices for	accordance	diseases in
			of medical	the most	with the	accordance
			devices for	common	procedures	with the
			the most	diseases;	for	current
			common	groups of	providing	procedures
			diseases;	drugs used	medical	for
			415C45C5,	arago asca	111001001	101

	groups of	to provide	care,	providing
	drugs used	medical	clinical	medical
	to provide	care for the	recommend	care,
	medical	treatment	ations,	clinical
	care in the	of the most	taking into	recommend
	treatment	common	account the	ations,
	of the most	diseases;	standards	taking into
	common	the	of medical	account the
	diseases;	mechanism	care;	standards
	the	of their	prevent or	of medical
	mechanism	action,	eliminate	care;
	of their	medical	complicatio	providing
	action,	indications	ns, side	emergency
	medical	and	effects,	and
	indications	contraindic	adverse	emergency
	and	ations to	reactions,	medical
	contraindic	the	including	care to
	ations to	appointmen	unforeseen	patients
	the	t;	ones	with the
	appointmen	compatibilit	resulting	most
	t;	y, possible	from	common
	compatibilit	complicatio	diagnostic	diseases, in
	y, possible	ns, side	or	accordance
	complicatio	effects,	therapeutic	with the
	ns, side	adverse	manipulatio	current
	effects,	reactions,	ns, the use	procedures
	adverse	including	of	for
	reactions,	serious and	medicines	providing
	including	unforeseen;	and (or)	medical
	serious and	features of	medical	care,
	unforeseen;	medical	devices,	clinical
	features of	care in	non-drug	recommend
	the	emergency	treatment	ations,
	provision	forms.		taking into
	of medical			account the
	care in			standards
	emergency			of medical
	forms.			care;
	IGPC 7.2			selection
	able to:			and .
	develop a			appointmen
	treatment			t of
	plan for			medicines,
	patients			medical
	with the			devices

most with the common most diseases in common accordance diseases for with the the procedures treatment for of the most providing common diseases in medical children care, clinical and adults recommend in ations, accordance taking into with account the current standards medical of medical care care; procedures, clinical prevent or eliminate recommend complicatio ations, ns, side taking into effects, account the undesirable standards reactions, of medical including care; unforeseen evaluation ones of the effectivenes resulting from s and safety diagnostic of the use of or therapeutic medicines, medical manipulatio ns, the use devices and of non-drug medicines treatment in and (or) patients medical with the devices, most non-drug common treatment diseases; **IGPC** 7.3 selection Has and practical appointmen

experience t of nonin: drug developing treatment a treatment for patients with the plan for patients most with the common diseases in most accordance common diseases in with the accordance procedures with for current providing medical medical care care. procedures, clinical clinical recommend recommend ations, taking into ations, taking into account the account standards medical of medical care care; standards; prevention providing and treatment emergency and of complicatio emergency medical ns, side effects. care to patients adverse with the reactions, most including unforeseen common diseases, in ones accordance resulting with from current diagnostic medical or care therapeutic procedures, manipulatio clinical ns, the use recommend of ations, medicines taking into and (or)

	account	medical
	standards	devices,
	of medical	non-drug
	care;	treatment;
	selection	providing
	and	medical
	appointmen	care to
	t of	patients
	medicines,	with
	medical	sudden
	devices	acute
	with the	diseases,
	most	conditions,
	common	exacerbatio
	diseases for	n of chronic
	the	diseases
	treatment	without
	of the most	obvious
	common	signs of a
	diseases in	threat to the
	children	patient's
	and adults	life in an
	in	emergency
	accordance	form; the
	with	use of
	current	medicines
	medical	and
	care	medical
	procedures,	devices in
	clinical	the
	recommend	provision
	ations,	of medical
	taking into	care in an
	account the	emergency
	standards	form
	of medical	
	care;	
	evaluation	
	of the	
	effectivenes	
	s and safety	
	of the use	
	of	
	medicines,	
	medical	

devices and non-drug treatment in patients with the most common diseases; selection and appointmen t of non-drug treatment for patients with the most common diseases in accordance with the procedures for providing medical care, clinical recommend ations, taking into account the standards of medical care; prevention and treatment of complications, side effects, adverse reactions, including unforeseen		1 , 1
treatment in patients with the most common diseases; selection and appointmen t of non-drug treatment for patients with the most common diseases in accordance with the procedures for providing medical care, clinical recommend ations, taking into account the standards of medical care; prevention and treatment of complications, side effects, adverse reactions, including		
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most common diseases in accordance with the procedures for providing medical care, clinical recommend ations, taking into account the standards of medical care; prevention and treatment of complicatio ns, side effects, adverse reactions, including		for patients
common diseases in accordance with the procedures for providing medical care, clinical recommend ations, taking into account the standards of medical care; prevention and treatment of complicatio ns, side effects, adverse reactions, including		with the
diseases in accordance with the procedures for providing medical care, clinical recommend ations, taking into account the standards of medical care; prevention and treatment of complicatio ns, side effects, adverse reactions, including		most
accordance with the procedures for providing medical care, clinical recommend ations, taking into account the standards of medical care; prevention and treatment of complicatio ns, side effects, adverse reactions, including		common
with the procedures for providing medical care, clinical recommend ations, taking into account the standards of medical care; prevention and treatment of complicatio ns, side effects, adverse reactions, including		diseases in
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medical care, clinical recommend ations, taking into account the standards of medical care; prevention and treatment of complicatio ns, side effects, adverse reactions, including		providing
care, clinical recommend ations, taking into account the standards of medical care; prevention and treatment of complicatio ns, side effects, adverse reactions, including		
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standards of medical care; prevention and treatment of complicatio ns, side effects, adverse reactions, including		
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diagnostic
Or therapeutic
therapeutic
manipulatio
ns, the use
of medicines
and (or)
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devices,
non-drug
treatment;
providing
medical
care to
patients
with
sudden
acute
diseases,
conditions,
exacerbatio
n of chronic
diseases
without
obvious
signs of a
threat to the
patient's
life in an
emergency
form; the
use of
medicines
and
medical
devices in
the
provision
of medical
care in an
emergency
Chicigency

			form			
4.	PC-6	Is able to refer the	IPC 6.1	general	to justify	methods
		patient for laboratory,	Knows:	issues of	the need	that make it
		instrumental	general	organizatio	and scope	possible to
		examination, for	issues of	n of	of	justify the
		consultation with	the	medical	laboratory	need and
		specialist doctors in the	organizatio	care to the	examinatio	scope of
		presence of medical	n of	population	n of the	laboratory
		indications in	medical	methods of	patient; to	examinatio
		accordance with the	care to the	laboratory	justify the	n of the
		current procedures for	population	and	need and	patient; to
		providing medical care,	methods of	instrumenta	scope of	justify the
		clinical	laboratory	1 studies to	instrumenta	need and
		recommendations	and	assess the	1	scope of
		(treatment protocols) on	instrumenta	state of	examinatio	instrumenta
		the provision of medical	1 studies to	health,	n of the	1
		care, taking into account	assess the	medical	patient; to	examinatio
		the standards of medical	state of	indications	justify the	n of the
		care, as well as to refer	health,	for	need to	patient; to
		the patient for	medical	conducting	refer the	justify the
		specialized medical care	indications	research,	patient for	need to
		in inpatient conditions	for	rules for	consultatio	refer the
		or in conditions of day	conducting	interpreting	ns with	patient for
		hospital in the presence	research,	their	specialist	consultatio
		of medical indications	rules for	results;	doctors; to	ns with
		in accordance with the	interpreting	procedures	determine	specialist
		current procedures for	their	for	medical	doctors; to
		the provision of medical	results;	providing	indications	determine
		care, clinical	procedures	medical	for the	medical
		recommendations	for	care,	provision	indications
		(treatment protocols) on	providing	clinical	of	for the
		the provision of medical	medical	recommend	emergency,	provision
		care, taking into account	care,	ations	including	of
		the standards of medical	clinical	(treatment	emergency	emergency,
		care	recommend	protocols)	specialized,	including
			ations	on the	medical	emergency
			(treatment protocols)	provision of medical	care	specialized, medical
			on the provision	care, standards		care
			of medical	of medical		
			care,			
			standards	care		
			of medical			
			care			

IPC 6.2 is	
able to:	
justify the	
need and	
scope of	
laboratory	
examinatio	
n of the	
patient;	
justify the	
need and	
scope of	
instrumenta	
examinatio	
n of the	
patient;	
justify the	
need to	
refer the	
patient for	
consultatio	
ns with	
specialist	
doctors;	
determine	
medical	
indications	
for the	
provision	
of provision	
emergency,	
including	
emergency	
specialized,	
medical	
care	
	nethods
	nat make it
	ossible to
	raw up a
	eatment
	lan for the
	isease and
	ne patient's
examination of the devices and intuition in account the tr	ic patients

patient; to justify the need to refer the patient for consultations with specialist doctors; determine medical indications for the provision of emergency, including specialized ambulance, medical assistance is able to develop a plan for the treatment of a disease or condition and prescribe medications, medical devices, therapeutic nutrition and non-drug treatment, taking into account the diagnosis, age and clinical picture in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care taking into account the standards of medical care and evaluate the effectiveness and safety of the use of medicines, medical devices. medical nutrition and other methods of treatment

therapeutic diseases nutrition in and diseases conditions of the and conditions patient in of the accordance patient in with the accordance current with the procedures for medical current procedures care, for medical clinical care. recommend clinical ations recommend (treatment ations protocols) (treatment on the protocols) provision on the of medical provision care, taking of medical into care, taking account the into standards account the of medical standards care: of medical mechanism care: of action of mechanism medicines, of action of medical medicines. devices and medical therapeutic devices and nutrition. medical therapeutic nutrition, indications medical and indications contraindic and ations to their contraindic ations to application; their use; complicatio complicatio ns caused ns caused by their by their use: modern use; methods of modern

diagnosis, the patient's age, the clinical picture of the disease in accordance with the current procedures for providing medical care, clinical recommend ations (treatment protocols) on the provision of medical care, taking into account the standards of medical care; prescribe medications medical devices and medical nutrition, taking into account the diagnosis, age and clinical picture the disease in accordance with the

condition, taking into account the diagnosis, the patient's age, the clinical picture of the disease in accordance with the current procedures for providing medical care, clinical recommend ations (treatment protocols) on the provision of medical care, taking into account the standards of medical care; prescribe medications , medical devices and medical nutrition, taking into account the diagnosis, age and clinical picture of the disease

methods of non-drug current procedures accordance non-drug treatment with the treatment of diseases for of diseases and providing current and conditions medical procedures conditions in a patient care. for in a patient in clinical providing accordance recommend medical in accordance with the ations care, with the current (treatment clinical current procedures protocols) recommend ations procedures for medical on for medical care, provision (treatment clinical of medical protocols) care, clinical recommend care, taking on the recommend ations into provision account the ations (treatment of medical (treatment protocols) standards care, taking of medical into protocols) on the on the provision care; account the provision of medical prescribe standards of medical care, taking non-drug of medical treatment care, taking into care; account the into taking into prescribe account the standards account the non-drug standards of medical diagnosis, treatment of medical taking into care: age and clinical account the care; mechanism mechanism of action of picture diagnosis, of of action of non-drug the disease age and non-drug treatment; in clinical treatment: medical accordance picture of medical indications with the the disease indications and current in and contraindic medical accordance ations to its with the contraindic care appointmen ations to its current procedures, appointmen t; side clinical medical t; side effects, recommend care effects, complicatio procedures, ations ns caused complicatio (treatment clinical ns caused by its use protocols) recommend by its use on the ations IPC 8.2 is provision (treatment of medical able to: protocols)

	draw uup a	care, taking	on the
	treatment	into	provision
	plan for the	account the	of medical
	disease and	standards	care, taking
	the patient's	of medical	into
	condition,	care;	account the
	taking into	evaluate the	standards
	account the	effectivenes	of medical
	diagnosis,	s and safety	care;
	the patient's	of the use	evaluate the
	age, the	of	effectivenes
	clinical	medicines,	s and safety
	picture of	medical	of the use
	the disease	devices and	of the use
	in	therapeutic	medicines,
	accordance	nutrition	medical
	with the	naumon	devices and
	current		therapeutic
	procedures		nutrition
	for		naumon
	providing		
	medical		
	care,		
	clinical		
	recommend		
	ations		
	(treatment		
	protocols)		
	on the		
	provision		
	of medical		
	care, taking		
	into		
	account the		
	standards		
	of medical		
	care;		
	prescribe		
	medications		
	, medical		
	devices and		
	medical		
	nutrition,		
	taking into		
	account the		
	account the		

	diagnosis,
	age and
	clinical
	picture of
	the disease
	in line disease
	accordance
	with the
	current
	procedures
	for
	providing
	medical
	care,
	clinical
	recommend
	ations
	(treatment
	protocols)
	on the
	provision
	of medical
	care, taking
	into
	account the
	standards
	of medical
	care;
	prescribe
	non-drug
	treatment
	taking into
	account the
	diagnosis,
	age and
	clinical
	picture of
	the disease
	in ,
	accordance
	with the
	current
	medical
	care
	procedures,
	procedures,

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			clinical			
			recommend			
			ations			
			(treatment			
			protocols)			
			on the			
			provision			
			of medical			
			care, taking			
			into			
			account the			
			standards			
			of medical			
			care;			
			evaluate the			
			effectivenes			
			s and safety			
			of the use			
			of the use			
			medicines,			
			medical			
			devices and			
			therapeutic			
			nutrition			
6.	PC-10	Able to organize	IPC 10.1	modern	prescribe	methods
0.	10 10	personalized treatment	Knows:	methods of	medications	that allow
		of the patient, including	modern	using	, medical	prescribing
		pregnant women,	methods of	_	· ·	medications
		elderly and senile	using	medical	medical	, medical
		patients, to evaluate the	medicines,	devices and	nutrition,	devices and
		effectiveness and safety	medical	therapeutic	taking into	therapeutic
		of treatment	devices and	nutrition in	account the	nutrition,
		or treatment	therapeutic	diseases	diagnosis,	
			nutrition in	and		taking into account the
			diseases	conditions	age and clinical	
			and	of the		diagnosis,
					1 *	age and clinical
			conditions of the	patient in	the disease	
				accordance	in	picture of the disease
			patient in accordance	with the	accordance	
				current	with the	in
			with the	procedures	current	accordance
			current	for medical	procedures	with the
			procedures	care,	for	current
			for medical	clinical	providing	procedures
			care,	recommend	medical	for

clinical ations providing care. recommend clinical medical (treatment ations protocols) recommend care. (treatment on the ations clinical protocols) provision (treatment recommend on the of medical protocols) ations provision care, taking the (treatment on of medical provision into protocols) care, taking account the of medical on the into standards care, taking provision account the of medical into of medical standards account the care: care, taking of medical mechanism standards into of action of of medical account the care; standards mechanism medicines, care: prescribe of action of medical of medical medicines, devices and non-drug care; medical therapeutic treatment prescribe devices and nutrition, taking into non-drug therapeutic medical account the treatment indications nutrition. diagnosis, taking into medical and account the age and indications contraindic clinical diagnosis, and ations to picture age and the disease contraindic their clinical ations to application; in picture of their use: accordance the disease complicatio with complicatio ns caused the in ns caused by their current accordance by their use: medical with the use; modern care current modern methods of procedures, medical methods of clinical non-drug care treatment recommend non-drug procedures, of diseases treatment ations clinical of diseases and (treatment recommend protocols) and conditions ations conditions in a patient on the (treatment in a patient in provision protocols) in accordance of medical on the accordance with the care, taking provision with the current into of medical current procedures account the care, taking standards procedures for medical into for medical of medical care, account the

care,	clinical	care;	standards
carc, clinical	recommend	evaluate the	of medical
recommend	ations	effectivenes	care;
ations	(treatment	s and safety	evaluate the
(treatment	protocols)	of the use	effectivenes
protocols)	on the	of the use	s and safety
on the		medicines,	of the use
provision	provision of medical	medical	of the use
of medical			
	care, taking	devices and	medicines, medical
care, taking into	into	therapeutic nutrition	devices and
	account the	nuunuon	
account the	standards		therapeutic
standards	of medical		nutrition
of medical	care;		
care;	mechanism		
mechanism	of action of		
of action of	non-drug		
non-drug	treatment;		
treatment;	medical		
medical	indications		
indications	and		
and	contraindic		
contraindic	ations to its		
ations to its	appointmen		
appointmen	t; side		
t; side	effects,		
effects,	complicatio		
complicatio	ns caused		
ns caused	by its use		
by its use			
IPC 10.2 is			
able to:			
prescribe			
medications			
, medical			
devices and			
therapeutic			
nutrition,			
taking into			
account the			
diagnosis,			
age and			
clinical			
picture of			
the disease			
		I	

	in
	accordance
	with the
	current
	procedures
	for
	providing
	medical
	care, clinical
	recommend
	ations
	(treatment
	protocols)
	on the
	provision of medical
	care, taking
	into
	account the
	standards
	of medical
	care;
	prescribe
	non-drug
	treatment
	taking into
	account the
	diagnosis,
	age and
	clinical
	picture of
	the disease
	in accordance
	with the
	current medical
	care
	procedures,
	clinical
	recommend
	ations
	(treatment
	protocols)

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			on the			
			provision			
			of medical			
			care, taking			
			into			
			account the			
			standards			
			of medical			
			care;			
			evaluate the			
			effectivenes			
			s and safety			
			of the use			
			of the use			
			medicines,			
			medical			
			devices and			
			therapeutic			
			nutrition			
			питания			
7.	PC-12	Is able to prepare the	IPC 12.1	the	identify	Methods
		necessary medical	Knows: the	procedure	signs of	that allow
		documentation for the	procedure	for	temporary	you to
		implementation of	for	referring a	disability	determine
		medical and social	referring a	patient to a	and signs of	the signs of
		expertise in federal state	patient to a	medical	persistent	temporary
		institutions of medical	medical	and social	impairment	disability
		and social expertise and	and social	examinatio	of body	and signs of
		refer a patient with a	examinatio	n; signs of	functions	persistent
		persistent impairment of	n; signs of	persistent	caused by	impairment
		body functions caused	persistent	impairment	diseases,	of body
		by diseases, the	impairment	of body	consequenc	functions
		consequences of injuries	of body	functions	es of	caused by
		or defects, for medical	functions	caused by	injuries or	diseases,
		and social expertise	caused by	diseases,	defects	the
		and social experience	diseases,	the		consequenc
			the	consequenc		es of
			consequenc	es of		injuries or
			es of	injuries or		defects
				defects;		uerects
			injuries or	· ·		
			defects;	rules for		
			rules for	registration		
			registration	and		
			and	issuance of		
			issuance of	medical		

		T			I	
			medical	documents		
			documents	when		
			when	referring		
			referring	patients for		
			patients for	specialized		
			specialized	medical		
			medical	care, spa		
			care,	treatment,		
			sanatorium	medical		
			treatment,	and social		
			·			
			medical	examinatio		
			and social	n		
			examinatio			
			n			
			IPC 12.2 is			
			able to:			
			identify			
			signs of			
			temporary			
			disability			
			and signs of			
			persistent			
			impairment			
			of body			
			functions			
			caused by			
			diseases,			
			,			
			the			
			consequenc			
			es of			
			injuries or			
			defects			
8.	PC-15	Is able to organize and	IPC 15.1	regulatory	to carry out	Methods of
		conduct medical	Knows:	legal acts	medical	conducting
		examinations taking into	regulatory	and other	examinatio	medical
		account age, health	legal acts	documents	ns taking	examinatio
		status, profession in	and other	regulating	into	ns taking
		accordance with	documents	the	account	into
		applicable regulatory	regulating	procedures	age, health	account
		legal acts and other	the	for	status,	age, state of
		documents	procedures	conducting	profession	health,
			for	medical	in	profession
			conducting	examinatio	accordance	in
			medical		with	accordance
				ns, medical		
			examinatio	examinatio	current	with

			ns, medical	n and	regulatory	current
			examinatio	medical	legal acts	regulatory
			n and		and other	legal acts
			medical	supervision	documents	and other
				; a list of	documents	
			supervision	specialist		documents
			; a list of	doctors		
			specialist	involved in		
			doctors	conducting		
			involved in	medical		
			conducting	examinatio		
			medical	ns, medical		
			examinatio	examinatio		
			ns, medical	n		
			examinatio			
			n			
			IPC 15.2 is			
			able to:			
			conduct			
			medical			
			examinatio			
			ns taking			
			into			
			account			
			age, health			
			status,			
			profession			
			in			
			accordance			
			with			
			applicable			
			regulatory			
			legal acts			
			and other			
			documents			
9.	PC-17	It is able to conduct	IPC 17.1	regulatory	to carry out	methods of
•		dispensary monitoring	Knows:	legal acts	medical	medical
		of patients with	regulatory	and other	examinatio	examinatio
		identified chronic non-	legal acts	documents	n of the	n of the
		communicable diseases	and other	regulating	adult	adult
		and carry out medical	documents	the	population	population
		examination of the adult	regulating	procedures	for the	for the
		population in order to	the	for	purpose of	purpose of
		early identify chronic	procedures	conducting	early	early
		non-communicable	for	medical	detection of	detection of
	<u> </u>		· <del>* =</del>		2111211311 01	221121101101

	diseases and the main	conducting	examinatio	chronic	chronic
	risk factors for their	medical	ns, medical	non-	non-
	development in	examinatio	examinatio	communica	communica
	accordance with current	ns, medical	n and	ble	ble
	regulatory legal acts and	examinatio	dispensary	diseases,	diseases,
	other documents	n and	supervision	the main	the main
		medical	; principles	risk factors	risk factors
		supervision	of	for their	for their
		; principles	dispensary	developme	developme
		of medical	supervision	nt; to carry	nt; to
		supervision	of patients	out	conduct
		of patients	with non-	dispensary	dispensary
		with non-	communica	observation	observation
		communica	ble diseases	of patients	of patients
		ble diseases	and risk	with	with
		and risk	factors in	identified	identified
		factors in	accordance	chronic	chronic
		accordance	with	non-	non-
		with	regulatory	communica	communica
		regulatory	legal acts	ble	ble
		legal acts	and other	diseases,	diseases,
		and other	documents;	including	including
		documents;	list of	patients	patients
		list of	specialist	with high	with high
		specialist	doctors	and very	and very
		doctors	involved in	high	high
		involved in	conducting	cardiovascu	cardiovascu
		conducting	medical	lar risk	lar risk
		medical	examinatio		
		examinatio	ns, medical		
		ns, medical	examinatio		
		examinatio	n		
		n			
		IPC 17.2 is			
		able to:			
		carry out			
		medical			
		examinatio			
		n of the			
		adult			
		population			
		for the			
		purpose of			
		early			
$\Box$		· · · · · · · · · · · · · · · · · · ·		<u> </u>	

	Г		T	T	T	1
			detection of			
			chronic			
			non-			
			communica			
			ble			
			diseases,			
			the main			
			risk factors			
			for their			
			developme			
			nt; to			
			conduct			
			dispensary			
			observation			
			of patients			
			with			
			identified			
			chronic			
			non-			
			communica			
			ble			
			diseases,			
			including			
			patients			
			with high			
			and very			
			high			
			cardiovascu			
			lar risk			
10	PC-19	He is able to form	IPC 19.1	forms and	develop	methods
		healthy lifestyle	Knows:	methods of	and	that make it
		programs, including	forms and	sanitary	implement	possible to
		programs to reduce	methods of	and	programs	develop
		alcohol and tobacco	sanitary	educational	for the	and
		consumption, prevent	and	work on the	formation	implement
		and combat non-medical	educational	formation	of a healthy	programs
		use of narcotic drugs	work on the	of elements	lifestyle,	for the
		and psychotropic	formation	of a healthy	including	formation
		substances, and evaluate	of elements	lifestyle,	programs to	of a healthy
		the effectiveness of	of a healthy	including	reduce	lifestyle,
			lifestyle,	_	alcohol and	
		preventive work with		programs to reduce	tobacco	including
		patients	including			programs
			programs to	alcohol and	consumptio	for
			reduce	tobacco	n, prevent	reducing
			alcohol and	consumptio	and combat	alcohol and

	I		. 1	<u> </u>		. 1
			tobacco	n,	non-	tobacco
			consumptio	prevention	medical use	consumptio
			n,	and control	of narcotic	n,
			prevention	of non-	drugs and	preventing
			and control	medical use	psychotropi	and
			of non-	of narcotic	c	combating
			medical use	drugs and	substances	non-
			of narcotic	psychotropi		medical use
			drugs and	c		of narcotic
			psychotropi	substances		drugs and
			c			psychotropi
			substances			c
			IPC 19.2 is			substances
			able to:			
			develop			
			and			
			implement			
			-			
			programs for the			
			formation			
			of a healthy			
			lifestyle,			
			including			
			programs to			
			reduce			
			alcohol and			
			tobacco			
			consumptio			
			n, prevent			
			and combat			
			non-			
			medical use			
			of narcotic			
			drugs and			
			psychotropi			
			c			
			substances			
11	PC-22	Able to keep medical	IPC 22.1	the	to fill out	possess
11		records, including in	Knows: the	legislation	medical	techniques
		electronic form	legislation	of the	documentat	that allow
			of the	Russian	ion	you to fill
			Russian	Federation	including in	out medical
			Federation	in the field	electronic	documentat
			in the field	of health		
			of health			ion,
<u> </u>			or nearth	protection,	work with	including in

	protection,	regulatory	personal	electronic
	regulatory	legal acts	data of	form; work
	legal acts	and other	patients and	with
	and other	documents	information	personal
	documents	defining the	constituting	data of
	defining the	activities of	a medical	patients and
	activities of	medical		information
	medical		secret; to	
		organizatio ns and	use information	constituting a medical
	organizatio ns and	ms and medical		
	ns and medical		systems	secret; use information
		workers; rules for	and the Internet	
	workers; rules for			systems and the
		working in	information	
	working in	information	and	Internet
	information	systems	telecommu	information
	systems	and the	nication	and
	and the	Internet	network in	telecommu
	Internet	information	professiona	nications
	information	and	1 activities	network in
	and	telecommu		professiona
	telecommu	nications		l activities
	nications	network;		
	network;	rules for		
	rules for	registration		
	processing	of medical		
	medical	documentat		
	documentat	ion in		
	ion in	medical		
	medical	organizatio		
	organizatio	ns		
	ns	providing		
	providing	outpatient		
	outpatient	medical		
	medical	care,		
	care,	including at		
	including at	home when		
	home when	calling a		
	called	medical		
	medical	worker		
	worker			
	IPC 22.2 is			
	able to: fill			
	out medical			
	documentat			
	ion,			

e	electronic		
fe	orm; work		
W	vith		
p	personal		
d	lata of		
p	patients and		
iı	nformation		
c	constituting		
a	medical		
Se	ecret; use		
iı	nformation		
S	ystems		
a	and the		
Iı	nternet		
iı	nformation		
a	and		
te	elecommu		
n	nications		
n	network in		
p	orofessiona		
1	activities		
		including in electronic form; work with personal data of patients and information constituting a medical secret; use information systems and the Internet information and telecommu nications network in professiona I activities	electronic form; work with personal data of patients and information constituting a medical secret; use information systems and the Internet information and telecommu nications network in professiona

### $\boldsymbol{4.}$ Volume of the academic discipline and types of academic work

Type of educational work	Labor intensity		Labor intensity (AH) in			
	volume	volume		seme	esters	
	in credit	in	9	10	11	12
	units	academ				
	(CU)	ic hours				
		(AH)				
Classroom work, including						
Lectures (L)	1,4	50	14		20	16
Laboratory practicum (LP)*						
Practicals (P)	4,0	144	52		54	38
Seminars (S)						
Student's individual work (SIW)	3,6	130	42		52	36
Mid-term assessment	1	36				36
credit/exam (specify the type)						экз
TOTAL LABOR INTENSITY	10	360	108	0	126	126

### ${\bf 5.}$ Sections of the academic discipline and competencies that are formed

№	Competence code	Section name of the discipline	
1.	GPC-7,19, PC-	Differential diagnosis of the main syndromes	
1.	6,8,10,12,15,17		
2.	GPC-7,19, PC-	Diseases of the gastrointestinal tract and hepatobiliary system	
۷.	6,8,10,12,15,17	Diseases of the gastromestmar tract and nepatoomary system	
3.	GPC-7,19, PC-	Diseases of the respiratory system	
٥.	6,8,10,12,15,17	Diseases of the respiratory system	
4.	GPC-7,19, PC-	Diseases of the cardiovascular system	
4.	6,8,10,12,15,17	Diseases of the cardiovascular system	
5.	GPC-7,19, PC-	Metabolic disorders and endocrine diseases	
٥.	6,8,10,12,15,17	ivietabolic disorders and endocrine diseases	
6.	GPC-7,19, PC-	Footumes of intermal discosses in some nonviction energy	
0.	6,8,10,12,15,17	Features of internal diseases in some population groups	
7.	GPC-7,19, PC-	Discourse of the Iridmove and uninemy treat	
/.	6,8,10,12,15,17	Diseases of the kidneys and urinary tract	
8.	GPC-7,19, PC-	Discours of joints, connective tissue and inflammatory years less discours	
8.	6,8,10,12,15,17	Diseases of joints, connective tissue and inflammatory vascular diseases	
0	GPC-7,19, PC-	Evon	
9.	6,8,10,12,15,17	Exam	