Summary to the working program of the discipline

"Rheumatology, gastroenterology"

(name of discipline)

of the main educational program of higher education (<u>specialist</u> / master / residency)_in the specialty / field of training / profile)

code 31.05.01 General Medicine).

1. The purpose of mastering the discipline: participate in the formation of competencies CC - 1, 4, 5, OPC - 1, 2, 4, 5, 6, 7, 8, 9, 10, 11, PC - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 13, 16, 19, 22

2. The place of the discipline in the structure of the curriculum

2.1 The discipline is a compulsory part of Block 1 of the VET curriculum.

3 Requirements for competence development outcomes of the discipline (module)

The discipline aims to develop the following universal (UK), general professional (GC) and professional (PC) competences:

	Code	Content of the competence (or	Code and name of the	As a result of the	e discipline, studen	ts should
п/ №	comp e- tions	part of it)	competence achievement indicator	Know	Know how to	Own
1.	UK-1	Is able to critically analyse problematic situations with a systematic approach, to develop a strategy of action	SCI 1.1 Knows: methods of critical analysis and evaluation of modern scientific advances; basic principles of critical analysis IUK 1.2 Can: acquire new knowledge through analysis, synthesis, etc.; collect data on complex scientific problems relevant to the professional field; search for information	methods of critical analysis and evaluation of contemporary scientific advances; basic principles of critical analysis,	gain new knowledge through analysis, synthesis, etc.; collect data on complex scientific problems relevant to the professional field; search for information and solutions based on action, experimentation and experience	Skills in researching a professional problem using analysis, synthesis and other intellectual methods; developing an action strategy to solve professional problems

2.	UK-4	Able to use	and solutions based on action, experimentatio n and experience SCB 1.3 Has practical experience in: investigating a professional problem using analysis, synthesis and other intellectual methods; developing an action strategy to solve professional problems Knowledge of:	basics of oral	express their	Skills in
		modern communication technologies, including in foreign language(s), for academic and professional interaction	basics of oral and written communication in Russian and foreign languages, functional styles of native language, requirements for business communication , modern means of information and communication technology SCI 4.2 Can: express his/her thoughts in Russian and a foreign language in business	and written communicatio n in Russian and a foreign language, functional styles of the native language, requirements for business communicatio n, modern means of information and communicatio n technology	thoughts in Russian and a foreign language in business communication	composing texts in Russian and foreign languages related to professional activities; experience in translating medical texts from a foreign language into Russian; experience in speaking in Russian and a foreign language

	I		communication			
			communication TSI 4.3 Has practical experience: composing texts in Russian and a foreign language related to professional activities; experience translating medical texts from a foreign language into Russian; experience speaking in Russian and a foreign language	Pacia	To proof	Skills to interest
3.	UK-5	Able to analyze and take into account the diversity of cultures in intercultural interaction	SCI 5.2 Be able to: present professional information intelligently and accessible in the process of intercultural interaction; observe ethical norms and human rights; analyze the specific features of social interaction, taking into account national, ethno- cultural and religious features SCI 5.3 Has practical experience in:	Basic categories of philosophy, laws of historical development, basics of intercultural communicatio n; basic concepts of human interaction in an organization	To present professional information intelligently and accessible in the process of intercultural interaction; to observe ethical norms and human rights; to analyze the specific features of social interaction, taking into account national, ethno- cultural and confessional specificities	Skills to interact productively in a professional environment, taking into account national, ethno- cultural, confessional specificities; to overcome communication , educational, ethnic, confessional and other barriers in the process of intercultural interaction

4.	ОРК-	Able to	productive interaction in a professional environment, taking into account national, ethno- cultural, confessional characteristics; overcoming communicative, educational, ethnic, confessional and other barriers in the process of intercultural interaction	Basics of	apply ethical	the skills to
	1	implement moral and legal standards, ethical and deontological principles in professional practice	Knowledge of: basics of medical ethics and deontology; basics of health law; legal aspects of medical practice IOPC 1.2 Can: apply ethical standards and principles of conduct of a medical professional in the performance of his/her professional duties; knowledge of modern legislation in the field of health care in solving tasks of	medical ethics and deontology; basics of health law; legal aspects of medical practice	norms and principles of conduct of a medical professional in the performance of his/her professional duties; knowledge of modern legislation in the field of health care in solving tasks of professional activity; apply rules and norms of interaction of a doctor with colleagues and patients (their legal representatives)	solve standard professional tasks on the basis of ethical norms and deontological principles in interaction with colleagues and patients (their legal representatives), knowledge of the legal aspects of medical activity

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			professional activity; apply rules and norms of interaction of a doctor with colleagues and patients (their legal representatives) OPC 1.3 Has practical experience: solving standard professional tasks on the basis of ethical norms and deontological principles in interaction with colleagues and patients (their legal representatives), knowledge of legal aspects of medical activity			
5.	ОРК- 2	Able to carry out and monitor the effectiveness of prevention, health promotion and hygiene education measures	IOPC 2.1 Knowledge of: basic criteria of healthy lifestyle and methods of its formation; social, hygienic and medical aspects of alcoholism, drug addiction, substance abuse, basic principles of their prevention; forms and methods of hygiene	The basic criteria for a healthy lifestyle and methods of shaping it; the social, hygienic and medical aspects of alcoholism, drug addiction and substance abuse, and the basic principles of their prevention; forms and methods of	Provide health education to children and adults (their legal representatives) and health workers to promote a healthy lifestyle and prevent the most common diseases; provide health education to children and adults to promote a healthy lifestyle and prevent the most common	Skills in promoting healthy lifestyles and preventing the most common diseases; health education for children and adults; shaping the behaviour of children and adults (their legal representatives) to maintain and improve their physical health;

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		education among patients (their legal representatives), health workers; basic hygienic measures of health promotion and prevention of the most common diseases; basics of preventive medicine; stages of planning and prevention of the most common diseases IOPC 2.2 Can: provide health education to children and adults (their legal representatives) and health workers to promote a healthy lifestyle and prevent the most common diseases; provide health education to children and adults to promote a healthy lifestyle and prevent the most common diseases; provide health	health education for patients (their legal representative s) and health workers; basic hygiene measures for health promotion and prevention of the most common diseases; the basics of preventive medicine; stages in planning and implementing the com	diseases; promote behaviour among children and adults (their legal representatives) aimed at maintaining and improving their somatic health; develop and implement	developing healthy lifestyle programs, including programs to reduce alcohol and tobacco consumption, prevent and combat the non-medical use of drugs and psychotropic substances; developing a prevention plan
		healthy lifestyle			
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6.	OPK-	Is able to use	comprehensive health promotion program for children and adults (their legal representatives) IOPC 4.1	Knows how to	collect	Has practical
	4	medical devices as stipulated in the medical care procedure and to carry out examinations of the patient in order to establish the diagnosis	Knowledge of life and disease history, complaints of patients (their legal representatives); examination and physical examination; clinical picture, diagnostic methods of the most common diseases; methods of laboratory and instrumental tests to assess health, medical indications for tests, interpretation of results; International Statistical Classification of Diseases and Related Health Problems (ICD); conditions requiring medical care in an emergency OPC 4.2 Know how to: gather complaints, life and disease history from	collect the anamnesis of life and diseases, complaints from patients (their legal representative s); examination and physical examination methods; clinical picture, diagnostic methods of the most common diseases; methods of laboratory and instrumental tests to assess the state of health, medical indications for tests, rules of interpretation of their results; international statistical classification of diseases and health- related problems (ICD);	complaints, life and disease history from patients (their legal representatives) , identify risk factors and causes of diseases; apply methods of examination and physical examination of patients; interpret the results of examination and physical examination and physical examination patients; diagnose the most common pathologies in patients; identify risk factors for cancer diseases; formulate a preliminary diagnosis, plan laboratory, instrumental and additional examinations in patients	experience in: collecting complaints, life and disease history from patients (their legal representatives), identifying risk factors and causes of diseases; examining and physical examination of patients; diagnosing the most common diseases; identifying risk factors for major cancers; formulating a preliminary diagnosis, making a plan for instrumental, laboratory, additional tests, consultations with specialists; referring patients for instrumental, laboratory tests

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	patients (their	conditions	
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	patients;		
	interpret the		
	results of		
	examination		
	and physical		
	examination of		
	patients;		
	diagnose the		
	most common		
	pathologies in		
	patients;		
	identify risk		
	factors for		
	cancer		
	diseases;		
	formulate a		
	preliminary		
	diagnosis, plan		
	laboratory,		
	instrumental		
	and additional		
	tests		
	Experienced in:		
	collecting		
	complaints, life		
	and disease		
	history from		
	patients (their		
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	risk factors and		
	causes of		
	diseases;		
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	physically		
	examining		
	patients;		
	patients,		

			diagnosing the			
			most common			
			diseases;			
			identifying risk			
			factors for			
			major cancers;			
			formulating a			
			preliminary			
			diagnosis,			
			making a plan			
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			instrumental,			
			laboratory and			
			additional tests,			
			consulting			
			specialists;			
			referring			
			patients for			
			instrumental,			
			laboratory tests			
7.	BPC-5	Is able to assess	IOPC-5.1	Anatomy,	assess basic	Skills in
		morphofunction	Knows:	histology,	morphofunction al data,	assessing basic
		al, physiological	Anatomy,	embryology,	al data, physiological	morphofunctio
		conditions and	histology,	topographical	conditions and	nal data,
		pathological	embryology,	anatomy,	pathological	physiological
		processes in the	topographical	physiology,	processes in the	conditions and
		human body in	anatomy,	pathological	human body	pathological
		order to solve	physiology,	anatomy and		processes in the
		professional	pathological	physiology of		human body
		problems	anatomy and	human organs		when solving
			physiology of	and systems		professional
			human organs			tasks
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			physiological conditions and pathological processes in the human body when solving professional tasks			
8.	BPC-6	Able to organise patient care, provide primary health care, organise work and make professional decisions in pre- hospital emergencies, epidemics and mass casualty areas	IOPC 6.1 Knows: methods of 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 aid to patients in emergency conditions, emergencies, epidemics and mass casualty areas in accordance with medical aid procedures, clinical guidelines, taking into account medical aid standards; clinical signs of basic emergency conditions;	The principles and methods of medical aid to patients in emergencies, emergencies, epidemics and mass casualty areas according to medical aid procedures, clinical guidelines, and medical aid standards; clinical signs of the main emergencies; principles of medical evacuation in emergencies, epidemics and mass casualty areas according to medical aid standards; the principles of medical aid standards; the principles of medical evacuations in emergencies; the methods of physical examination (examination, palpation, percussion, auscultation); the methods	Recognise conditions requiring emergency medical assistance, including emergencies, epidemics and mass casualty areas; organise the work of medical personnel in emergencies, epidemics and mass casualty areas; provide emergency medical assistance to patients with life-threatening conditions, including clinical death (stopping of vital functions)	The ability to assess conditions requiring emergency medical assistance, including emergencies, epidemics and mass casualty areas; to recognize life- threatening conditions, including clinical death (interruption of vital human functions (circulation and/or breathing)) requiring emergency medical assistance; and to provide emergency medical assistance to patients with life-threatening conditions, including clinical death

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	Able to:	epidemics and	
	recognise	mass casualty	
	conditions that	areas	
	require	according to	
	emergency	the medical	
	medical	aid	
	assistance,	procedures,	
	including	clinical	
	emergencies,	guidelines, and	
	epidemics and	medical aid	
	mass casualty		
	areas that	standards; and	
	require	the principles	
	emergency	of medical	
	medical	evacuation in	
	assistance;	emergencies.	
	organise the		
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	emergencies,		
	emergencies,		
	epidemics and		
	mass casualty		
	areas; provide		
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9.OPK- 7Able to prescribe treatment and monitor its effectiveness and safetyIOPC 7.1 Knows: methods of methods of non-medical treatment, indications for the use of treatment, indications for the use of treatment, indications for the use of the use of diseases; groups of drugs used to provide for the treatment of the mostDevelop methods of treatment, medical diseases tailing treatment, medical diseases; drugs used for medical care for the treatment of the mostSkills in developing a treatment, medical diseases in accordance with the most common diseases; drugs used for medical care for the treatment of the most common diseases; theirDevelop the use of medical diseases tailing tailing tailing tailing the use of diseases; tailing the most treatment of the most treatment of the mostDevelop the use of medical the use of the use of diseases; the use of medical care for the most the mostSkills in developing a treatment, medical common diseases; tailing tailing tailing tailing tailing tailing tailing tailing tailing tailing tailing tailing tailing tailing9.OPK- procedures, clinical guidelines, tailing tailing tailing tailingSkills in developing a treatment of tailing tailing tailing tailing tailing tailingSkills in developing a treatment of tailing tailing tailing tailing tailing tailing tailing tailing tailing tailing9.OPK- tailing tailingAble to to t				provision of			
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9.OPK- 7Able to prescribe treatment and monitor its effectiveness and safetyIOPC 7.1 Knows: methods of methods of non-medical treatment, medical and non-medical treatment, medical treatment, medical treatment, medical treatment, medical the use of the use of for the most common diseases; groups of diseases; groups of diseases; groups of diseases; taking into account diseases; taking into account diseases; taking into account diseases; taking into account diseases; taking into account diseases; taking into account the use of medical care for the most treatment of treatment of the most treatment of the mostDevelop a treatment, medical and non-medical treatment, medical taking into account the most adverse effects, adverse treations, includingSkills in developing a treatment plan for patients with the most accordance with the most common diseases; taking into account account the mostSkills in developing a treatment, medical common diseases taking into account account medical care standards; providing				-			
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7prescribe treatment and monitor itsKnows: methods of non-medical and safetymethods of methods of non-medical treatment, medical and treatment, indications for medical the use of medical devices for the groups of diseases; groups of drugs used to provide for the treatment of treatment of the most common diseases; taking into account the use of medical care groups of diseases; medical care groups of drugs used to provide for the medical care treatment of the most common diseases; medical care groups of diseases; medical care groups of drugs used to provide for the medical care treatment of treatment of the mosttreatment plan for patients with the most common diseases in accordance with medical care taking into account the standards of medical care; guidelines, taking into account the standards of taking into account the standards of taking into account the standards of treatment of adverse treations, adverse treations, includingdeveloping a treatment plan for patients with the most common diseases; devices for the eliminate treatment of the most							
treatment and monitor its effectiveness and safety	9.			IOPC 7.1		<u>^</u>	
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and safetytreatment, medicalindications for the use ofaccordance with medicalcommon diseases in accordanceindications for indications for the use ofmedical devices for the medical devicesmedical clinicalmedical care guidelines, takingwith current procedures, accordancefor the most diseases; common diseases; common groups of groups of drugsgroups of drugs used for medical care for the medical caremedical care providing medical care preventproviding medical care; guidelines, account the standards of medical care; prevent or eliminatecommon guidelines, taking into account the standards of medical care; prevent or eliminatecommon medical care, clinical medical care; for the the mostcommon standards account the mostcommon standards account account adverse reactions, includingscondance with current providing			effectiveness	non-medical			with the most
indications for medical care, clinical guidelines, taking into account the standards of diseases; drugs used for medical care; groups of drugs medical care groups of drugs medical care treatment of for the most treatment of the most treatment of the most treatment of the most treatment of the most the most treatment of the most treatment of the most the most treatment of the most the most the most treatment of the most the most treatment of the most treatment of the most treatment of the most the most treatment of the most treatment of the most treatment of the most the most treatment of the most treatment of the most the most treatment of the most the most treatment of treatment of the most treatment of the most treatment of the most treatment of treatment of the most treatment of treatment			and safety				
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for the most common diseases; groups of used to provide for the diseases; for the taking drugs used for medical care; prevent diseases; drugs used for medical care; prevent diseases, groups of drugs medical care taking medical care; prevent drugs used for prevent taking into account the groups of drugs medical care taking into account the adverse treatment of treatment of treatment of treatment of treatment of treatment of treatment of the most the mosttaking taking medical care; taking into account account medical care taking into account medical care taking into account medical care treatment of the most the most the mosttaking taking into account medical care taking into account medical care taking into account				the use of	devices for the		with current
IndicationIndicationdiseases; groups of diseases;account standardsproviding medical care, clinicalcommongroups of diseases;drugs used for medical careaccount standardsmedical care, clinicalgroups of drugsmedical care medical careprevent or eliminateguidelines, taking into accountused to provide medical carefor the treatment of the mostcomplications, adverseaccount medical carefor the treatment of the mostthe most diseases; theiradverse reactions, includingstandards; providing				medical devices	most common	•	procedures for
commongroups ofstandardsmedical care,diseases;drugs used formedicalcare;clinicalgroups of drugsmedical carepreventorguidelines,used to providefor theeliminatetaking intomedical caretreatment ofcomplications,accountfor thethe mostadverse effects,medical caretreatment ofcommonreactions,includingthe mostdiseases; theirincludingproviding				for the most	diseases;	-	providing
diseases;drugs used for medical care;medical care; groups of drugsclinical guidelines, used to provideused to providefor the medical careeliminate complications, adverse effects, the mosttaking into accountfor the treatment of treatment of the mosttreatment of diseases; theircomplications, adverseaccount medical care standards; providing				common	groups of		medical care,
groups of drugsmedical careprevent orguidelines,used to providefor theeliminatetaking intomedical caretreatment ofcomplications,accountfor thethe mostadverse effects,medical caretreatment ofcommontreatment ofstandards;the mostdiseases; theirincludingproviding				diseases;	drugs used for		clinical
used to provide medical care for thefor the treatment of the mosteliminate complications, adverse effects, adversetaking into account medical care treatment of the mosttreatment of treatment of the mostcommon diseases; theirtaking into account medical care standards; providing				groups of drugs	medical care	,	guidelines,
medical care for the treatment of treatment of the mosttreatment of adverse effects, adverse reactions, includingaccount medical care standards; providing				used to provide	for the		taking into
Internet of treatment of the mostthe mostadverse reactions, includingstandards; providing					treatment of	-	-
the most diseases; their reactions, providing				for the	the most		medical care
the most diseases; their reactions, including providing							
including							
common mechanism of unexpected emergency and				common	mechanism of	Ũ	emergency and
unexpected 5 /						-	urgent medical
						. 0	care to patients
action, medical indications or treatment with the most						U U	-
indications and and manipulations, common							
the use of						-	common

oontroir diasti-	contraindicatio	medicines	discossos ire
contraindicatio		and/or medical	diseases in
ns for	ns for	devices, non-	accordance
prescription;	prescription;	medicinal	with current
compatibility,	compatibility,	treatments	procedures for
possible	possible		providing
complications,	complications,		medical care,
side effects,	side effects,		clinical
adverse	adverse		guidelines,
reactions,	reactions,		taking into
including	including		account
serious and	serious and		medical care
unforeseen;	unforeseen;		standards;
features of	features of		selection and
medical care in	medical care in		prescription of
emergencies	acute forms.		medicines,
Cincigencies			medical devices
IOPC 7.2 Can:			with
develop a			WILLI
treatment plan			
for patients			
with the most			
common			
diseases in			
accordance			
with medical			
care			
procedures, clinical			
guidelines and			
standards of			
care; prevent or			
eliminate			
complications,			
adverse effects,			
adverse			
reactions,			
including			
unexpected			
ones, resulting			
from diagnostic			
or treatment			
procedures, use			
of medicines			
and/or medical			
devices, non-			
medicinal			
treatments			
Experienced in:			
developing a			
treatment plan			

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			for patients			
			with the most			
			common			
			diseases, in			
			accordance			
			with current			
			procedures of			
			medical care,			
			clinical			
			guidelines,			
			-			
			taking into			
			account the			
			standards of			
			medical care;			
			emergency and			
			urgent medical			
			care for			
			patients with			
			the most			
			common			
			diseases, in			
			accordance			
			with current			
			procedures of			
			medical care,			
			clinical			
			guidelines,			
			taking into			
			account the			
			standards of			
			medical care;			
			selection and			
			administration			
			of medicines,			
10.	BPC-8	Is able to	OPC 8.1	Procedures for	Develop an	Skills in drawing
		implement and	Knowledge of:	organising	action plan for	up a plan of
		monitor the	procedures for	medical	medical	measures for
		effectiveness of	organising	rehabilitation,	rehabilitation of patients,	medical
		medical	medical	including the	including the	rehabilitation of
		rehabilitation of	rehabilitation,	implementatio	implementation	a patient,
		a patient,	including the	n of individual	of individual	including the
		including the	implementation	rehabilitation	rehabilitation	implementation
		implementation	of individual	and	and habilitation	of individual
		of individual	rehabilitation	habilitation	programmes for	programmes
		rehabilitation	and habilitation		persons with	for the
				programmes	disabilities, in	
		and habilitation	programmes	for persons	accordance with	rehabilitation
		programmes for	for disabled	with	the current	and habilitation
		persons with	people;	disabilities;	procedure for	of disabled
		disabilities, to	methods of	methods of	organising	people, in

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	assess the	medical	medical	medical rehabilitation,	accordance
	patient's ability	rehabilitation,	rehabilitation,	clinical	with the
	to work	including the	including the	guidelines,	existing
		implementation	implementatio	taking into	procedure for
		of individual	n of individual	account medical	medical
		rehabilitation	rehabilitation	care standards;	rehabilitation,
		and habilitation	and	determine	clinical
		programmes	habilitation	medical	guidelines,
		for disabled	programmes	indications for	taking into
		people, medical	for persons	medical rehabilitation	account the
		indications and	with	measures in	standards of
		medical	disabilities,	accordance with	medical care;
		contraindicatio	medical	the current	conducting
		ns to their	indications	procedure for	medical
		implementation	and medical	organising	rehabilitation
		, taking into	contraindicatio	medical	measures for
		account the	ns for their	rehabilitation,	patients,
		diagnosis in	implementatio	clinical	including the
		accordance	n, taking into	guidelines, taking into	implementation
		with the	account the	account medical	of individual
		current	diagnosis in	care standards;	programmes
		procedures for	accordance	assess	for the
		organising	with current		rehabilitation
		medical	procedures for		and habilitation
		rehabilitation,	organising		of disabled
		clinical	medical		people, in
		guidelines,	rehabilitation,		accordance
		taking into	clinical		with the
		account	guidelines and		existing
		medical care	medical care		procedure for
		standards; ways	standards;		organising
		of preventing	ways of		medical
		or eliminating	preventing or		rehabilitation,
			eliminating		clinical
		IOPK 8.2 Can:	complications,		guidelines
		develop an			Balacinics
		action plan for			
		medical			
		rehabilitation of			
		patients,			
		including the			
		implementation			
		of individual			
		rehabilitation			
		programmes			
		for persons			
		with			
		disabilities, in			
		accordance			
		with the			
		with the			

	current		
	procedure for		
	organising		
	medical		
	rehabilitation,		
	clinical		
	guidelines,		
	taking into		
	account		
	medical care		
	standards;		
	determine		
	medical		
	indications for		
	medical		
	rehabilitation		
	measures in		
	accordance		
	with the		
	current		
	procedure for		
	organising		
	medical		
	rehabilitation,		
	clinical		
	guidelines,		
	taking into		
	account		
	medical care		
	standards;		
	assess		
	033633		
	Experienced in:		
	drawing up a		
	plan of		
	measures for		
	medical		
	rehabilitation of		
	a patient,		
	including the		
	implementation		
	of individual		
	rehabilitation		
	and habilitation		
	programmes		
	for persons		
	with		
	disabilities, in		
	accordance		
	with the		
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			current order of			
			medical			
			rehabilitation,			
			clinical			
			guidelines,			
			taking into			
			account			
			medical care			
			standards;			
			conducting			
			medical			
			rehabilitation			
			measures for			
			patients,			
			including the			
			implementation			
			of individual			
			rehabilitation			
			and habilitation			
			programmes			
			for persons			
			with			
1			disabilities, in			
			accordance			
1			with the			
1			current order of			
1			medical			
			rehabilitation			
			organisation,			
			clinical			
1			guidelines			
			-			
11.	BPC-9	Is able to	OPC 9.1	Basic concepts	Analyse the	how to carry
		implement the	Knowledge of:	of the quality	quality of patient care;	out internal
		principles of	Basic concepts	management	patient care; ensure internal	quality
		quality	of quality	system of a	control of the	assurance work
		management in	management	medical	quality and	on dental
		professional	system of a	organisation;	safety of	health care and
		activities	medical	requirements	medical	the safety of
			organisation;	for ensuring	activity;	medical
			requirements	internal	organise the	practice
			for internal	quality control	work and supervise the	
			control of	and safety of	supervise the performance of	
			quality and	medical	the job duties of	
			safety of	activities	the medical	
			medical activity		personnel on	
			OPC 9.2 Know		duty	
			how to: analyse			
			the quality of			
			patient care;			
L	1		patient cure,	l		

taking into account basic informationcommunication nnsystems systems professional databases; use moderntasks, taking into account basic information modernsecurity requirementsmedical and biological terminology; terminology; terminology; terminology; terminology; master and use modernmodern medical and biological terminology; master and use moderntasks, taking into account basic information security requirements	12.	ОРК- 10	account basic information security	technologies; modern medical and biological terminology; basics of information security in	technologies; modern medical and biological terminology; basics of information security in	professional databases; use modern medical and biological terminology; master and use modern information and communication technologies in	into account basic information security
security in security in communication				security in professional activity	security in professional	communication technologies in professional activities,	

use modern account the information basic and requirements of communication security technologies to solve	
and communication technologies to solve	
communication technologies to solve	
technologies to solve	
solve	
professional	
problems;	
effectively	
search for	
information	
needed to solve	
professional	
problems using	
reference	
systems and	
professional	
databases; use	
modern	
medical and	
biological	
terminology;	
master and use	
modern	
information	
and	
communication	
technologies in	
professional	
work with	
regard to basic	
information	
security	
requirements	
COP 10.3 Has	
practical	
experience:	
using modern	
information	
and	
bibliographic	
resources,	
using special	
software and	
automated	
information	
systems to	
solve standard	
professional	

			tasks, taking into account the basic requirements of information security			
13.	ОРК- 11	Able to prepare and apply scientific, scientific- production, project, organisational- management and regulatory documentation in the health care system	COPK-11.1 Knowledge of: scientific, scientific- production, design, organisational- management and regulatory documentation in the health care system	Scientific, scientific, production, project, organisational, managerial and regulatory documentatio n in the health care system	prepare scientific, scientific- production, project, organisational- management and regulatory documentation in the health care system	how to compile scientific, scientific and production, design, organisational, managerial and regulatory documentation in the health care system
			Competencies: Prepare scientific, research and production, design, organisational, managerial and regulatory documentation in the health care system			
14.	PC -1	Is able to assess the condition of a patient requiring emergency or urgent medical treatment	PKI 1.1 Knows: etiology, pathogenesis and pathomorpholo gy, clinical picture, differential diagnosis, features of course, complications and outcomes of gastrointestinal diseases;	etiology, pathogenesis and pathomorphol ogy, clinical picture, differential diagnosis, peculiarities of course, complications and outcomes of gastrointestina I diseases; collection of	Identify clinical signs of conditions requiring emergency or urgent medical care	how to identify clinical signs of conditions that require urgent or emergency care

			method of	complaints		
			collecting	and		
			complaints and	anamnesis;		
			anamnesis;			
			method of	physical		
				examination		
			physical	(examination,		
			examination	palpation,		
			(examination,	percussion,		
			palpation,	auscultation);		
			percussion,	list of		
			auscultation);	laboratory and		
			list of	instrumental		
			laboratory and	tests to assess		
			instrumental	the condition,		
			tests to assess	main medical		
			the condition,	indications for		
			basic medical	tests and		
			conditions for	interpretation		
			investigation	of results in		
			and	patients		
			interpretation	requiring		
			of results in	emergency or		
			patients	urgent medical		
			requiring	care		
			medical care in			
			urgent or			
			emergent			
			forms			
			1011115			
			PKI 1.2 Skills:			
			Identify clinical			
			signs of			
			conditions			
			requiring			
			emergency or			
			u ,			
			urgent medical			
			care			
15. P	PC -2	Is able to	PKI 2.1 Knows:	aetiology,	Identify clinical	how to identify
		recognise	etiology,	pathogenesis	signs of	clinical signs of
		conditions	pathogenesis	and	conditions that	conditions that
		resulting from	and	pathomorphol	require	require
		sudden acute	pathomorpholo	ogy, clinical	emergency	emergency
		illnesses,	gy, clinical	picture,	care; identify conditions that	medical care;
		exacerbations	picture,	differential	require	emergency
		chaoci butions	•		-	
		of chronic	differential	diagnosis	emergency	medical care
		of chronic	differential	diagnosis, features of the	emergency care, including	medical care,
		of chronic diseases without clear	differential diagnosis, features of	diagnosis, features of the course,	emergency care, including clinical signs of	medical care, including clinical signs of

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	signs of life-	course,	complications	circulatory	and	sudden
	threatening	complications	and outcomes	respiratory		circulatory and
	conditions and	and outcomes	of	failure		respiratory
	requiring	of	gastrointestina			failure
	emergency	gastrointestinal	l diseases;			
	medical care,	diseases;	methods of			
	recognise life-	methods of	collecting			
	threatening	collecting	complaints			
	conditions,	complaints and	and anamnesis			
	including clinical	anamnesis from	from patients			
	death	patients (their	(their legal			
	(interruption of	legal	representative			
	vital human	representatives	s); methods of			
	functions); methods of	physical			
	(circulation	physical	examination of			
	and/or	examination of	patients			
	respiration),	patients	(examination,			
	•	•	•			
	requiring	(examination,	palpation,			
	emergency	palpation,	percussion,			
	medical care	percussion,	auscultation);			
		auscultation);	list of			
		list of	laboratory and			
		laboratory and	instrumental			
		instrumental	tests to assess			
		tests to assess	the patient's			
		patient	condition,			
		condition, main	main medical			
		medical	conditions for			
		indications for	the tests and			
		tests and	interpretation			
		interpretation	of results;			
		of results;	clinical signs of			
		clinical signs of	a sudden			
		extrasanitary	illness; and			
		PKI 2.2 Know				
		how to: identify				
		clinical signs of				
		conditions that				
		require				
		emergency				
		care; identify				
		conditions that				
		require				
		•				
		emergency				
		care, including				
		clinical signs of				
		sudden				
		circulatory and				

			respiratory			
			collapse			
16.	PC -3	Able to provide emergency medical aid to patients in case of sudden acute illnesses, conditions, exacerbation of chronic diseases without obvious life-threatening signs, to provide emergency medical aid to patients in case of life- threatening conditions, including clinical death (arrest of vital human functions (blood circulation and/or respiration)	PKI 3.1 Knows: rules for basic cardiopulmonar y resuscitation; principles of operation of external electropulse therapy (defibrillation) devices; rules for external electropulse therapy (defibrillation) in sudden cessation of circulation and/or respiration Competent to: carry out emergency and urgent medical treatment; basic cardiopulmonar y resuscitation combined with electro-pulse therapy (defibrillation)	rules for basic cardiopulmona ry resuscitation; principles of operation of external electropulse therapy (defibrillation) devices; rules for external electropulse therapy (defibrillation) in sudden cardiac and/or respiratory arrest	Perform emergency and urgent medical interventions; basic cardiopulmonar y resuscitation combined with electro-pulse therapy (defibrillation)	
17.	PC -4	Is able to administer medicines and medical devices in emergency and urgent care	Competent in the use of medicines, medical devices for diseases and conditions in accordance with current procedures of medical care, clinical guidelines	modern methods of administering medicines, medical devices for diseases and conditions in accordance with the current procedures for	Prescribe medicines, medical devices, taking into account the diagnosis, age and clinical picture of the disease, in accordance with the current health care procedures, clinical	Techniques for prescribing medicines and medical devices, taking into account the diagnosis, age and clinical picture of the disease, in accordance with current

(treatment	medical care,	guidelines	health care
protocols) on	clinical	(treatment	procedures,
the provision of	guidelines	protocols) for	clinical
medical care,	(treatment	emergency or	guidelines
taking into	protocols) for	urgent medical	(treatment
account the	medical care,	care	protocols) for
standards of	taking into		emergency or
medical care in	account the		urgent medical
the provision of	standards of		care
medical care in	medical care in		
an emergency	the provision		
or urgent form;	of medical		
	care in		
The mechanism	emergency or		
of action of	urgent forms;		
medicines,	_		
medical	The		
devices,	mechanism of		
medical	action of		
indications and	medicines,		
contraindicatio	medical		
ns for their use;	devices,		
complications	medical		
caused by their	indications		
use;	and		
the principles	contraindicatio		
of operation of	ns for their		
external	use;		
electropulse	complications		
therapy	caused by		
(defibrillation)	their use;		
devices;	the principles		
	of operation of		
rules for	external		
performing	electropulse		
external	therapy		
electro-pulse	(defibrillation)		
therapy (defibrillation)	devices;		
(defibrillation)	rulos for		
in the event of	rules for		
sudden	performing		
cessation of	external		
circulation	electro-pulse		
and/or	therapy		
respiration	(defibrillation)		
	in the event of		
	sudden		
Competent to:	cessation of		
prescribe	circulation		
medicines,	and/or		

			medical	respiration		
				respiration		
			devices, taking			
			into account			
			the diagnosis,			
			age and clinical			
			picture of the			
			disease, in			
			accordance			
			with current			
			health care			
			procedures,			
			clinical			
			guidelines			
			(treatment			
			protocols) for			
			emergency or			
			urgent medical			
			care			
40			Knowladar of	Logialation	aallaat	Matheria
18.	PC-5	Is able to collect	Knowledge of:	Legislation of the Russian	collect complaints,	Methods
		complaints,	Legislation of		medical and life	involving the
		patient history,	the Russian	Federation in	history of the	collection of
		complete	Federation in	the field of	patient and	complaints,
		physical	the field of	health	analyse the	patient history
		examination of	health care,	protection,	information	and disease and
		the patient	regulations and	normative	obtained; carry	analysis of the
		(examination,	other	legal acts and	out a complete	information
		palpation,	documents	other	physical examination of	obtained;
		percussion,	governing the	documents	the patient	complete
		auscultation),	activities of	determining	(examination,	physical
		formulate a	medical	the activity of	palpation,	examination of
		preliminary	organisations	medical	percussion,	the patient
		diagnosis and	and medical	organisations	auscultation)	(examination,
		plan laboratory	workers;	and medical	and interpret	palpation,
		and	methodology of	workers;	the results;	percussion,
		instrumental	collecting	methodology	prioritise the	auscultation)
		examinations,	complaints,	of collecting	scope, content and sequence of	and
		including	anamnesis of	complaints,	diagnostic	interpretation
		diagnostic tests	life and disease	anamnesis of	measures	of the results;
		with the use of	of the patient;	life and		prioritise the
		modern	full physical	disease of the		scope, content
		technology and	examination of	patient;		and sequence
		digital	the patient	methodology		of diagnostic
		technology	(examination,	of complete		measures
			palpation,	physical		
			percussion,	examination of		
			auscultation);	the patient		
			etiology,	(examination,		
			pathogenesis	palpation,		
			and	percussion,		
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	pathomorpholo	auscultation);		
	gy, clinical	etiology,		
	picture,	pathogenesis		
	differential	and		
	diagnosis,	pathomorphol		
	features of the	ogy, clinical		
	course,	picture,		
	complications	differential		
	and outcomes	diagnosis,		
	of	features of		
	gastrointestinal	course,		
	diseases;	complications		
		and outcomes		
	regularities of	of diseases of		
	the functioning	gastrointestina		
	of a healthy	l tract;		
	human			
	organism and	regularities of		
	mechanisms of	the		
	health	functioning of		
	provision from	a healthy		
	the perspective	human		
	of the theory of	organism and		
	functional	mechanisms of		
	systems;	health		
	peculiarities of	provision from		
	the regulation	the		
	of functional	perspective of		
	systems in	the theory of		
	pathological	functional		
	processes;	systems;		
	methods of	peculiarities of		
	laboratory and	the regulation		
	instrumental	of functional		
	studies to	systems in		
	assess the state	pathological		
	of health,			
	medical	processes; methods of		
	indications for			
		laboratory and		
	research, rules	instrumental		
	of	studies to		
	interpretation	assess the		
	of their results	state of		
		health,		
		medical		
	Competent to:	indications for		
	collect	research, rules		
	complaints,	of		
	patient history	interpretation		
	and disease and	of their results		

			analyse the information obtained; carry out a complete physical examination of the patient (examination, palpation, percussion, auscultation) and interpret the results; prioritise the			
19.	PC-6	Is able to refer a patient for laboratory, instrumental examination, consultation with specialists, if medically indicated, in accordance with the current procedures of medical care, clinical guidelines (treatment protocols) for medical care, taking into account medical care standards, as well as to refer a patient for specialised medical care in inpatient or day hospital conditions, if medically indicated, in accordance with	and sequence of diagnostic measures Knowledge of: general issues of the organisation of medical care to the population methods of laboratory and instrumental studies to assess the state of health, medical indications for research, rules of interpretation of their results; procedures of medical care, clinical guidelines (treatment protocols) on the provision of medical care, standards of medical care	General issues of the organisation of medical care for the population Methods of laboratory and instrumental examinations to assess health, medical indications for examinations, rules for the interpretation of their results; medical care procedures, clinical guidelines (treatment protocols) for medical care	substantiate the need and scope of laboratory examination of the patient; substantiate the need and scope of instrumental examination of the patient; substantiate the need for referral of the patient to specialist doctors; determine medical indications for emergency, including specialised emergency, medical care	Methods to substantiate the need and scope of laboratory examination of a patient; substantiate the need and scope of instrumental examination of a patient; substantiate the need for referral of a patient to specialist doctors; determine medical indications for emergency, including specialised emergency, medical care

		the current	justify the need			
			and scope of			
			laboratory			
			examination of			
			a patient;			
			justify the need			
			and scope of			
			instrumental			
			examination of			
			a patient;			
			justify the need			
			to refer a			
			patient to			
			specialist			
			doctors;			
			determine			
			medical			
			indications for			
			emergency,			
			including			
			specialised			
			emergency,			
			medical care			
20.	PC-7	Able to make a	knowledge of:	etiology,	Analyse the	Methods to
		differential	etiology,	pathogenesis	results of the	analyse the
		diagnosis with	pathogenesis	and	examination of	results of a
		other	and	pathomorphol	a patient and, if necessary,	patient's
		diseases/conditi	pathomorpholo	ogy, clinical	justify and plan	examination
		ons, including	gy, clinical	picture,	the scope of	and, if
		acute ones, and	picture,	differential	additional	necessary,
		to establish a	differential	diagnosis,	examinations;	justify and plan
		diagnosis with	diagnosis,	course,	interpret the results of	the scope of
		reference to the	course,	complications	collecting	additional
		current	complications	and outcomes	information	examinations;
		International	and outcomes	of	about the	interpret the
		Statistical	of	gastrointestina	patient's illness;	results of
		Classification of	gastrointestinal	l diseases;	interpret the	collecting
		Diseases and	diseases;	Methods of	data obtained during the	information
		Related Health	Methods of	laboratory and	laboratory	about the
		Problems (ICD)	laboratory and	instrumental	examination of	patient's illness;
			instrumental	examinations	the patient;	interpret the data obtained
			examinations to	to assess	interpret the	
			assess health,	health,	data obtained	during a laboratory
			medical	medical	during the instrumental	examination of
			indications for	indications for	examination of	the patient;
			examinations,	examinations,	the patient;	interpret the
			rules for	rules for	interpret the	data obtained
			interpretation	interpretation	data obtained	during an
					during	uuning all

			of results; ICD Competent to: analyse the results of the examination of a patient and, if necessary, justify and plan the scope of additional examinations; interpret the results of the collection of information about the patient's illness; 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 results; ICD	consultations with specialists; make a differential diagnosis of internal organ diseases from other diseases	instrumental examination of the patient; interpret the data obtained during consultations with specialists; make a differential diagnosis of internal organ diseases
			data obtained during			
21.	PC-8	Is able to develop a treatment plan for a disease or condition and prescribe medicines,	Knowledge of: modern methods of using pharmaceutical s, medical devices and	Modern methods of administering medicines, medical devices and therapeutic	Formulate a treatment plan for the illness and condition of the patient, taking into account the diagnosis, age	Techniques for drawing up a treatment plan for the illness and condition of the patient, taking into

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	medical devices,	medical	nutrition to	of the patient,	account the
	therapeutic	nutrition for	patients with	clinical	diagnosis, age
	nutrition and	diseases and	diseases and	presentation of the illness in	of the patient,
	non-medicinal	conditions in	conditions in	accordance with	clinical
	treatments	patients in	accordance	the current	presentation of
	taking into	accordance	with current	health care	the illness in
	account the	with current	procedures for	procedures,	accordance
	diagnosis, age	procedures of	the provision	clinical	with the
	and clinical	medical care,	of medical	guidelines	current
	picture in	clinical	care, clinical	(treatment	procedures for
	accordance with	guidelines	guidelines	protocols) on health care,	medical care,
	the current	(treatment	(treatment	taking into	clinical
	health care	protocols) on	protocols) on	account the	guidelines
	procedures,	the provision of	the provision	standards of	(treatment
	clinical	medical care,	of medical	health care;	protocols) for
	guidelines	taking into	care, taking	prescribe	medical care,
	(treatment	account the	into account	medicines,	taking into
	protocols) on	standards of	medical care	medical devices and medical	account
	the provision of	medical care;	standards;	nutrition, taking	medical care
	health care,	mechanism of	mechanism of	into account the	standards;
	taking into	action of	action of	diagnosis, age	prescribe
	account health	pharmaceutical	medicines,	and clinical	medicines,
	care standards	s, medical	medical	presentation of	medical devices
	and assess the	devices and	devices and	the illness in	and medical
	effectiveness	medical	therapeutic	accordance with	nutrition in
	and safety of	nutrition,	, nutrition,	the current health care	accordance
	medicines,	medical	medical	health care procedures,	with the
	medical devices,	indications and	indications	clinical	diagnosis, age
	therapeutic	contraindicatio	and	guidelines	and clinical
	nutrition and	ns for their use;	contraindicatio	C	presentation of
	other methods	complications	ns for their		the illness in
	of treatment	due to their	use;		accordance
	or treatment	use; modern	complications		with the
		methods	resulting from		current
			their use;		procedures for
			modern		medical care
		Competent to:	methods of		
		make a	non-medical		
		treatment plan	treatment		
		for the disease	acadinent		
		and condition			
		of the patient,			
		taking into			
		account the			
		diagnosis, age			
		of the patient,			
		clinical			
		presentation of			
		the disease in			
		accordance			

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			with the			
			current health			
			care			
			procedures,			
			clinical			
			guidelines			
			(treatment			
			protocols) for			
			the provision of			
			health care,			
			taking into			
			account health			
			care standards;			
			prescribe			
			medicines,			
			medical devices			
			and medical			
			nutrition taking			
1			into account			
			the diagnosis,			
			age and clinical			
			presentation of			
			the disease in			
			accordance			
			with the			
			current health			
			care			
			procedures,			
			clinical			
			guidelines for			
			the provision of			
			health care;			
			prescribe			
			medications,			
			medical devices			
			and medical			
1			nutrition			
22.	PC-9	Able to provide	PK-9.1 Knows :	Procedures for	Prescribe	Methods for
		palliative care in	Procedures for	palliative care	medicines, medical devices	prescribing
1		collaboration	palliative care		and therapeutic	medicines,
1		with specialist			food taking into	medical devices
		doctors and			account the	and therapeutic
1		other health	Competent to:		diagnosis, age	nutrition, taking
1		care providers	Prescribe		and clinical	into account
1			medicines,		picture of the	the diagnosis,
			medical devices		disease in	age and clinical
1			and medical		accordance with the current	picture of the
1			nutrition, taking		the current procedures of	disease, in
1			into account		medical care,	accordance
1		1		1	mourou ouro,	

			the diagnosis,		clinical	with the
			age and clinical		guidelines	current health
			picture of the		(treatment protocols) on	care
			disease, in		medical care in	procedures,
			accordance		accordance with	clinical
			with the		the standards of	guidelines
			current health		medical care;	(treatment
			care		prescribe non-	protocols) on
			procedures,		medicinal	the provision of
			clinical		treatment taking	health care,
			guidelines		into account the	taking into
			(treatment		diagnosis, age	account health
			protocols) on		and clinical picture of the	care standards;
			the provision of		disease in	prescribe non-
			health care,		accordance with	medicinal
			taking into		the current	treatment,
			account health		procedures of	taking into
			care standards;		medical care,	account the
			prescribe non-		clinical	diagnosis, age
			pharmacologica		guidelines	and clinical
			l treatment,		(treatment protocols) on	picture of the
			taking into		medical	disease, in
			account the		treatment	accordance
						with the
			diagnosis, age and clinical			current health
			picture of the			care
			disease, in			procedures,
			accordance			clinical
			with the			guidelines
			current health			
			care			
			procedures,			
			clinical			
			guidelines			
			(treatment			
			protocols)			
23.	PC-10	Able to organise	Knowledge of:	Modern	Prescribe	Methods for
		personalised	modern	methods of	medicines,	prescribing
		treatment for	methods of	administering	medical devices	medicines,
		patients,	using	medicines,	and therapeutic	medical devices
		including	pharmaceutical	medical	food taking into	and therapeutic
		pregnant	s, medical	devices and	account the	nutrition, taking
		women, elderly	devices and	therapeutic	diagnosis, age and clinical	into account
		and disabled	medical	nutrition to	picture of the	the diagnosis,
		patients, to	nutrition for	patients with	disease in	age and clinical
		assess the	diseases and	diseases and	accordance with	picture of the
			and cubes and		the current	
		effectiveness	conditions in	conditions in		disease in
		effectiveness and safety of	conditions in natients in	conditions in accordance	procedures for	disease, in accordance
		effectiveness and safety of treatment	conditions in patients in accordance	conditions in accordance with current		disease, in accordance with the

with current	procedures for	guidelines (treatment	current health
procedures of	the provision	(treatment protocols) on	care
medical care,	of medical	medical care,	procedures,
clinical	care, clinical	taking into	clinical
guidelines	guidelines	account the	guidelines
(treatment	(treatment	standards of	(treatment
protocols) on	protocols) on	medical care;	protocols) on
the provision of	the provision	prescribe non-	the provision of
medical care,	of medical	medicinal treatment taking	health care,
taking into	care, taking	into account the	taking into
account	into account	diagnosis, age	account health
medical care	medical care	and clinical	care standards;
standards;	standards;	picture of the	prescribe non-
mechanism of	mechanism of	disease in	medicinal
action of	action of	accordance with	treatment,
pharmaceutical	medicines,	the current	taking into
s, medical	medical	procedures for medical care,	account the
devices and	devices and	clinical	diagnosis, age
medical	therapeutic	guidelines	and clinical
nutrition,	nutrition,	(treatment	picture of the
medical	medical	protocols) on	disease, in
indications and	indications		accordance
contraindicatio	and		with the
ns for their use;	contraindicatio		current health
complications	ns for their		care
due to their	use;		procedures,
use; modern	complications		clinical
method	resulting from		guidelines
Competent in:	their use;		
prescribing	modern		
medicines,	methods of		
medical devices	non-medical		
and medical	treatment		
nutrition, taking into account			
the diagnosis,			
age and clinical			
picture of the			
disease, in			
accordance			
with the			
current health			
care			
procedures,			
clinical			
guidelines			
(treatment			
protocols) for			
health care,			

			taking into			
			account the			
			standards of			
			health care;			
			prescribing			
			non-medical			
			treatment,			
			taking into			
			account the			
			diagnosis, age			
			and clinical			
			picture of the			
			disease, in			
			accordance			
			with the			
			current health			
			care			
			procedures,			
			clinical			
			guidelines			
			(protocols) for			
			health care			
24.	PC-13	Is able to refer a	Knowledge of:	Measures for a	Determine	Methods for
		patient in need	medical	patient's	medical	determining
		of medical	rehabilitation	medical	indications for	medical
		rehabilitation to	measures,	rehabilitation,	medical	indications for
		a specialist for	medical	medical	rehabilitation	medical
		prescribing and	indications and	indications	measures, including the	rehabilitation
		carrying out	contraindicatio	and	implementation	measures,
		medical	ns for their	contraindicatio	of an individual	including the
		rehabilitation	implementation	ns for carrying	rehabilitation or	implementation
		measures,	, taking into	them out,	habilitation	of an individual
		including	account the	taking into	programme for	rehabilitation
		prescribing and	diagnosis in	account the	persons with disabilities, in	or habilitation
		carrying out	accordance	diagnosis in	disabilities, in accordance with	programme for
		sanatorium	with the	accordance	existing health-	persons with
		treatment, and	current	with current	care	disabilities, in
		carry out	procedures of	procedures for	procedures,	accordance
		medical	medical care,	the provision	clinical	with current
		1	1	l	guidelines	medical care
		rehabilitation	clinical	of medical	U	ineulcal care
1		rehabilitation measures,	clinical guidelines	of medical care Clinical	(treatment	procedures and
					(treatment protocols) on	
		measures,	guidelines	care Clinical	(treatment	procedures and
		measures, including when	guidelines (treatment	care Clinical recommendati	(treatment protocols) on the provision of medical care, taking into	procedures and clinical
		measures, including when implementing	guidelines (treatment protocols) for	care Clinical recommendati ons (treatment	(treatment protocols) on the provision of medical care, taking into account medical	procedures and clinical guidelines
		measures, including when implementing an individual	guidelines (treatment protocols) for medical care,	care Clinical recommendati ons (treatment protocols) for	(treatment protocols) on the provision of medical care, taking into account medical care standards;	procedures and clinical guidelines (treatment
		measures, including when implementing an individual rehabilitation or	guidelines (treatment protocols) for medical care, taking into	care Clinical recommendati ons (treatment protocols) for the provision	(treatment protocols) on the provision of medical care, taking into account medical care standards; identify medical	procedures and clinical guidelines (treatment protocols) for
		measures, including when implementing an individual rehabilitation or habilitation	guidelines (treatment protocols) for medical care, taking into account	care Clinical recommendati ons (treatment protocols) for the provision of medical	(treatment protocols) on the provision of medical care, taking into account medical care standards; identify medical specialists to	procedures and clinical guidelines (treatment protocols) for the provision of
		measures, including when implementing an individual rehabilitation or habilitation programme for	guidelines (treatment protocols) for medical care, taking into account medical care	care Clinical recommendati ons (treatment protocols) for the provision of medical care, taking	(treatment protocols) on the provision of medical care, taking into account medical care standards; identify medical	procedures and clinical guidelines (treatment protocols) for the provision of medical care,

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	accordance with	indications and	standards;	measures for a	medical care
	current medical	contraindicatio	medical	patient who	standards; to
	care	ns for	indications	requires medical	identify
	procedures,	sanatorium and	and	rehabilitation,	specialist
	clinical	spa treatment	contraindicatio	taking into	doctors to carry
	guidelines	as a stage of	ns for	account the	out
	(treatment	medical	prescribing	diagnosis and in	rehabilitation
	protocols) for	rehabilitation;	sanatorium	accordance with	measures for a
	medical care,	features of	and spa	valid	patient
	taking into	medical	treatment as	regulations	requiring
	account the	rehabilitation of	part of a		medical
	standards	elderly and	patient's		rehabilitation,
		, senile patients	medical		taking into
			rehabilitation;		account the
		Competencies:	special		diagnosis
		Identify medical	features of		
		indications for	medical		
		medical	rehabilitation		
		rehabilitation	for elderly and		
		measures,			
		including	senile patients		
		individual			
		rehabilitation			
		or habilitation			
		programmes			
		for persons			
		with			
		disabilities, in			
		accordance			
		with current			
		medical care			
		procedures,			
		clinical			
		guidelines (treatment			
		(treatment			
		protocols) for			
		medical care,			
		taking into			
		account			
		medical care			
		standards;			
		identify medical			
		specialists to			
		carry out			
		rehabilitation			
		measures for			
		patients in			
		need of medical			
		rehabilitation,			
		taking into			
	L				

25.	PC-16	Is able to organise and monitor immunoprophyl axis of infectious	account the diagnosis and in accordance with the Knowledge of: principles of specific and non-specific prophylaxis of infectious	The principles of specific and non-specific prophylaxis of infectious diseases, the	Organize and carry out immunoprophyl axis for infectious diseases in the adult population	Methods for organising and carrying out immunoprophyl axis of infectious
		adult population, prescribe preventive measures for patients taking into account risk factors in accordance with current health care procedures, clinical guidelines (treatment protocols) for health care provision with regard to health care standards and monitor compliance with preventive measures	national vaccination calendar and calendar of prophylactic vaccinations for epidemic indications; legislation of Russian Federation in the field of health protection, sanitary rules and regulations; preventive measures in accordance with the diagnosis in accordance with the current procedures of medical care, clinical recommendatio ns (treatment protocols) on medical care, taking into account medical standards	calendar of prophylactic vaccinations and the calendar of prophylactic vaccinations for epidemic indications; Russian health legislation, sanitary rules and regulations; preventive measures with regard to the diagnosis in accordance with current health care procedures, clinical recommendati ons (treatment protocols) on health care, taking into account medical care standards	with current health-care procedures, clinical guidelines (treatment protocols) on the provision of medical care, taking into account medical care standards; prescribe preventive measures for patients taking into account risk factors for the prevention and early detection of diseases, including socially significant diseases	adult population in accordance with existing health care procedures, clinical guidelines (treatment protocols) on the provision of health care, taking into account medical care standards; prescribing preventive measures for patients taking into account risk factors for the prevention and early detection of diseases, including socially significant diseases

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			Competent to:			
			organise and			
			carry out			
			immunoprophyl			
			axis of			
			infectious			
			diseases in the			
			adult			
			population in			
			accordance			
			with current			
			health care			
			procedures,			
			clinical			
			guidelines			
			(treatment			
			protocols) on			
			health care,			
			taking into			
			account the			
			standards of			
			medical care;			
			prescribe			
			, preventive			
			, measures for			
			patients taking			
			into account			
			risk factors for			
			prevention and			
			early detection			
			of diseases,			
			including			
			socially			
			significant			
			diseases			
26.	PC-19	Able to design	PKI 19.1	Forms and	Develop and	Techniques for
		healthy lifestyle	Knowledge of:	methods of	implement	designing and
		programmes,	forms and	health	healthy lifestyle	implementing
		including	methods of	education to	programmes,	healthy lifestyle
		programmes to	health	promote	including	programmes,
		reduce alcohol	education to	elements of a	programmes to	including
					reduce alcohol	-
		and tobacco	promote	healthy	and tobacco	programmes to
		consumption, to	elements of a	lifestyle,	consumption and to prevent	reduce alcohol
		prevent and	healthy	including	and combat the	and tobacco
		combat non-	lifestyle,	programmes	non-medical	consumption
		medical	including	to reduce	use of narcotic	and to prevent
		consumption of	programmes to	alcohol and	drugs and	and combat the
		narcotic drugs	reduce alcohol	tobacco	psychotropic	non-medical
		and	and tobacco	consumption	substances	use of narcotic

		psychotropic substances, to assess the effectiveness of preventive work with patients	consumption, prevent and combat the non-medical use of narcotic drugs and psychotropic substances	and to prevent and combat the non- medical use of narcotic drugs and psychotropic substances		drugs and psychotropic substances
			Competencies: Develop and implement healthy lifestyle programmes, including programmes to reduce alcohol and tobacco consumption and to prevent and combat the non-medical use of narcotic drugs and psychotropic substances			
27.	PC-22	Able to maintain medical records, including electronically in the MIS framework	Knowledge of: legislation of the Russian Federation in the field of health care, regulations and other documents governing the activities of medical organisations and medical workers; rules of work in information systems and information and telecommunica tion network	Legislation of the Russian Federation in the field of health care, laws and regulations and other documents governing the activities of medical institutions and medical workers; rules for working in information systems and the Internet; rules for preparing medical	Complete medical records, including in electronic form; handle patients' personal data and medical secrets; use information systems and the Internet in professional activities	Know how to complete medical records, including electronically; work with personal patient data and medical secrets; use information systems and the Internet in professional activities

	"Internet";	documentatio	
	rules of medical	n in medical	
	documentation	institutions	
	in medical	providing	
	organisations	outpatient	
	providing	medical care,	
	medical care on	including at	
	an outpatient	home when a	
	basis, including	medical	
	at home when	worker is	
	a medical	called	
	worker is called		
	Competent in:		
	completing		
	medical		
	documentation,		
	including		
	electronic		
	documentation;		
	working with		
	personal		
	patient data		
	and medical		
	secrets; using		
	information		
	systems and		
	the Internet in		
	professional		
	activities		

4 The scope of the discipline and the types of work to be done

The total workload of the course is 2 credit units (74 acad.hr.).

Type of study	Labo	Labour input			Workload per semester (HU)		
	volume in units of	volume in academic hours					
	credit (ZU)	(HH)	11	-	-		
Classroom work, including	1,2	46	46				
Lectures (L)	0,2	10	10				
Laboratory Workshops (PL)	-	-	-				
Practical exercises (PP)	1,0	36	36				

Seminars (C)	-	-	-	
Independent student work (ISW)	0,6	28	28	
Intermediate assessment	-	-	-	
credit/examination (specify type)	credit	credit	credit	
TOTAL WORKLOAD	2	74	74	

5. Sections of the discipline and competences to be acquired

No. n/a	Competence code	Name of discipline section	Section content in didactic units
1.	CC - 1, 4, 5 OPK - 1, 2, 4, 5, 6, 7, 10, 11 PC - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 13, 16, 19, 22	Diseases of the B27 antigen circle	Diseases of the B27 antigen circle
2.	CC - 1, 4, 5 OPC - 1, 2, 4, 5, 6, 7, 10 PC - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 19, 22	Systemic lupus erythematosus and antiphospholipid syndrome	Systemic lupus erythematosus and antiphospholipid syndrome
3.	CC - 1, 4, 5 OPC - 1, 2, 4, 5, 6, 7, 10 PC - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 19, 22	Systemic vasculitis	Systemic vasculitis
4.	CC - 1, 4, 5 OPC - 1, 2, 4, 5, 6, 7, 8, 9, 10, PC - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 13, 19, 22	Osteoarthritis and microcrystalline arthritis	Osteoarthritis and microcrystalline arthritis

No. n/a	Competence code	Name of discipline section	Section content in didactic units
5.	CC - 1, 4, 5 OPC - 1, 2, 4, 5, 6, 7, 10 PC - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 19, 22	Systemic scleroderma, dermatomyositis, polymyositis	Systemic scleroderma, dermatomyositis, polymyositis
6.	CC - 1, 4, 5 OPC - 1, 2, 4, 5, 6, 7, 8, 10 PC - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 13, 19, 22	Gastrointestinal diseases, anaemia, paraneoplastic syndrome	Gastrointestinal diseases, anaemia, paraneoplastic syndrome
7.	CC - 1, 4, 5 OPC - 1, 2, 4, 5, 6, 7, 9, 10 PC - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 13, 19, 22	Diseases of the stomach	Diseases of the stomach
8.	CC - 1, 4, 5 OPC - 1, 2, 4, 5, 6, 7, 9, 10 PC - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 13, 19, 22	Non-alcoholic fatty liver disease and cirrhosis	Non-alcoholic fatty liver disease and cirrhosis
9.	CC - 1, 4, 5 OPC - 1, 4, 5, 6, 7, 8, 10 PC - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 19, 22	Practical skills	Writing a case history Communication with patients Physical examination Clinical case presentation