«PUBLIC HEALTH, HEALTH CARE MANAGEMENT AND HEALTH ECONOMICS»

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

Department: SOCIAL MEDICINE AND HEALTH CARE MANAGEMENT

1. The purpose of mastering the discipline: participation in the formation of competencies, including measures to preserve and strengthen public health, eliminate risk factors and promote a healthy lifestyle, organization, management and document flow in the field of protecting the health of citizens, conducting an examination of temporary disability, collecting and analyzing information on population health indicators, assessing the quality medical care (UK-1, UK-6, GPC-1, GPC-2, GPC-11; PC-11; PC-12; PC-15; PC-19; PC-21; PC-22; PC-23).

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

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

The discipline istaught in the sixth and seventh semesters of the academic year.

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	Code and name of the	1	astering the discipl should:	line, the students
N⁰	etenc e code	the competence (or its part)	competence acquisition metric	know	be able to	possess
1.	UC	Able to carry out a critical analysis of problem situations based on a systematic approach, developanactio nstrategy	UC-1. Critical analysis of problem situations based on a systematic approach, developanactio nstrategy	methods of critical analysis and evaluation of modern scientific achievements; basic principles of critical analysis	gain new knowledge based on analysis, synthesis, etc.; collect data on complex scientific problems related to the professional field; search for information and solutions based on action, experiment and experience	researching the problem of professional activity using analysis, synthesis and other methods of intellectual activity; developing an action strategy to solve professional problems
2.	UC	Able to manage the	UC-2. Manage the	methods for presenting and	prove practical and theoretical	project management in
		project at all stages of its	project at all	describing the	significance of	the field relevant

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		life cycle	stages of its	results of project		to professional
			life cycle	activities;	obtained; check	activity;
				methods, criteria	•	distribution of
				and parameters	design	tasks and
				for evaluating	documentation;	encouraging
				the results of	predict the	others to achieve
				project	development of	goals;
				implementation;	processes in the	management
				principles,	project	development of
				methods and	professional	technical
				requirements for	field; put	specifications of
				the project work	forward	the project,
				1 5	innovative ideas	management
					and non-	implementation
					standard	of profile project
1					approaches to	work;
1					their	participation in
1					implementation	the development
					in order to	technical
					implement the	specifications of
					project; calculate	the project and
					qualitative and	the project
					quantitative	implementation
					results, deadlines	program in the
					· · · · · · · · · · · · · · · · · · ·	1 0
					of project work	professional field
3.	UC	A 1-1 - 4 -	UC-3.	41	execution	
5.	UC	Able to	OC-5. Organize and	the problems of	determine the	participation in
		organize and manage the	manage the	selecting an	management	the development
		work of the	work of the	effective team;	style for the	of a team work
		team,	team,	basic conditions	effective team	strategy;
		developing a	developing a	for effective	work; develop a	participation in
		team strategy	team strategy	teamwork; the	team strategy;	teamwork, role
		to achieve the	to achieve the	basics of	apply the	distribution in
		goal	goal	strategic human	principles and	the team
		C	e	resource	methods of	interaction
				management,	organizing team	
				regulatory legal	activities	
				acts concerning		
				the organization		
				and		
1				implementation		
1				of professional		
1				activities;		
1				organizational		
1				behavior models,		
1				factors of		
1				formation of		
1				organizational		
				relationships;		
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				strategies and		
1				principles of		
1				teamwork, the		
1				main		
1				characteristics of		
1				the		
1				organizational		
1				climate and		
1				interaction of		
1				people in the		
1				organization		
4.	UC	Able to apply	UC-4.	the basics of oral	express thoughts	writing texts in
1		modern	Apply modern	and written	in Russian and a	Russian and
1		communicatio	communicatio	communication	foreign language	foreign
1		n technologies,	n technologies,	in Russian and	in business	languages
I		including the	including the	foreign	communication	related to the
1		use of a	use of a	languages,		professional
1		foreign	foreign	functional styles		activity;
1		language(s), for academic	language(s),	of the native		experience in
1		and	for academic	language,		translating
1		professional	and	requirements to		medical texts
1		interaction	professional	business		from a foreign
1			interaction	communication,		language into
1				modern means		Russian;
1				of information		experience in
1				and		speaking
1				communication		Russian and
1				technologies		foreign
						languages.
5.	UC	Able to	5	the main	competently,	productive
I		analyze and	and take into	categories of	intelligibly	interaction in
1		take into	account the	philosophy, the	present	the professional
I		account the	diversity of	laws of historical	1	environment
1		diversity of	cultures in the	development, the		taking into
I		cultures in the	process of	basics of	the process of	account
I		process of	cross-	intercultural	intercultural	national, ethno-
1		cross- culturalinteract	culturalinteract	communication;	interaction;	cultural, confessional
1		ion	ion	the basic	observe ethical	features;
1		1011		concepts of	norms and	overcoming
1				human	human rights;	communicative,
1				interaction in the	analyze the	educational,
1				organization	features of social	ethnic,
1					interaction	confessional and
I					taking into	other barriers in
1					account national,	the process of
1					ethno-cultural,	intercultural
I					confessional	interaction
		•	1			moraction
	UC		UC-6.		features	

7		identify and implement the priorities of their ownactivities and ways to improve them based on self- assessment and lifelong learning	Identify and implement the priorities of their ownactivities and ways to improve them based on self- assessment and lifelong learning	planning long- term goals of activity taking into account conditions, means, personal opportunities, stages of career growth, time perspective of development of activity and requirements of the labor market; technology and methodology of self-assessment; basic principles of self-education	professional problems	own professional activities and self- development, studying additional educational programs
7.	UC	Able to maintain the proper level of physical condition to ensure full- fledged social and professional activities	UC-7. Maintain the proper level of physical condition to ensure full- fledged social and professional activities	health-saving technologies for maintaining a healthy lifestyle, taking into account the physiological characteristics of the body	competently and ergonomically, logically plan working and free time for an optimal combination of physical and mental load and ensure working capacity; maintain the proper level of physical condition to ensure full- fledged social and professional activities and comply with the norms of the healthy lifestyle	maintaining the proper level of physical condition to ensure full- fledged social and professional activities and compliance with the norms of the healthy lifestyle
8.	UC	Able to: create and maintain safe living conditions in everyday and professional life for the	UC-8. Create and maintain safe living conditions in everyday and professional life for the	factors of harmful influence on vital activity; algorithms of actions in case of emergencies and military	identify dangerous and harmful factors within the framework of its activities, create and maintain safe living	participation in planned exercises to work out the rules of conduct in case of emergencies, first aid;

		preservation of the natural environment, ensuring sustainable development of society, including in the case of a threat and occurrence of emergency situations and military conflicts	preservation of the natural environment, ensuring sustainable development of society, including in the case of a threat and occurrence of emergency situations and military conflicts		conditions in everyday and professional life	complies with safety regulations at the workplace
9.	UC	Able to use basic defectological knowledge in social and professional spheres	UC-9. Use basic defectological knowledge in social and professional spheres	the basics of defectology	establish effective communication and create a tolerant environment when working with people with disabilities	medical, social and organizational support of people with disabilities when they receive medical care
10	UC	Able to: make well-founded economic decisions in various areas of life	UC-10. Make well-founded economic decisions in various areas of life	fundamentals of economic theory, the nature of economic relations	analyze specific economic situations in various areas of life	making well- founded economic decisions
11.	UC	Able to: form an intolerant attitude to the corrupt behavior	UC-11. Form an intolerant attitude to the corrupt behavior	the regulatory framework for combating corruption; ethical norms of the relationship between a doctor and a patient (his / her legal representatives)	correctly determine the tactics of relationships with patients in various situations, including cases of provoking a doctor to corrupt behavior on the part of the patient (his \ her legal representative)	communicating with patients (his / her legal representatives) in various situations
12.	GPC	Able to implement moral and	GPC-1. Implement moral and	basics of medical ethics and deontology;	apply ethical norms and principles of	solving standard problems of professional

	legal norms, ethical and deontological principles in professional activities	legal norms, ethical and deontological principles in professional activities	fundamentals of legislation in the field of healthcare; legal aspects of medical practice	behavior of a healthcare worker in the performance of their professional duties; knowledge of modern legislation in the field of healthcare in solving problems of professional activity; apply the rules and norms of interaction between a doctor and colleagues and patients (their legal representatives)	activity based on ethical norms and deontological principles when interacting with colleagues and patients (their legal representatives), knowledge of the legal aspects of medical practice
13. 0	Able to conduct and realize control of efficiency of activities for prevention, formation of the healthy lifestyle and sanitary and hygienic education of the population	GPC-2. Conduct and realize control of efficiency of activities for prevention, formation of the healthy lifestyle and sanitary and hygienic education of the population	the main criteria for the healthy lifestyle and methods of its formation; social and sanitary medical aspects of alcoholism, drug addiction, substance abuse, basic principles of their prevention; forms and methods of sanitary and hygienic education among patients (their legal representatives), medical workers; basic hygienic recreational	conduct sanitary and hygienic education among children and adults (their legal representatives) and healthcare workers in order to form a healthy lifestyle and prevention of the most common diseases; carry out sanitary and educational work among children and adults with the aim of forming the healthy lifestyle and prevention of the most common diseases; of	propaganda of healthy lifestyle and prevention of the most common diseases; carrying out sanitary and educational work among children and adults; formation of children and adults (their legal representatives) conduct aimed at preserving and improving the level of somatic health; formation of healthy lifestyle programs, including

				activities that	children and	alcohol and
				contribute to the	adults (their	tobacco
				health promotion	legal	consumption
				and prevention	representatives)	reduction
				of the most	conduct aimed at	programs,
				common	preserving and	prevention and
				diseases;	improving the	fight against
				fundamentals of	level of somatic	non-medical
				preventive	health; develop	consumption of
				medicine; stages	and implement	narcotic drugs
				of planning and	programs of	and psychotropic
				implementation	healthy lifestyle	substances;
				of communal	formation, including	development of
				programs for the	reduction	a preventive
				programs for the	programs of	action plan of
				most common	alcohol and	events and
				diseases	tobacco	implementation
				41504505	consumption,	of group and
					prevention and	individual
					fight against	prevention of the
					non-medical	most common
					narcotic drug use	diseases;
					and psychotropic	prescription of
					substances;	preventive
					develop a plan	measures for
					of preventive	children and
					measures and	adults taking
					implement	into account risk
					methods of	factors,
					group and individual	oncological and
					prevention of the	hygienic
					most common	prevention in
					diseases;	accordance with
					prescribe	the procedures
					preventive	-
					measures to	for providing medical care,
					patients taking	clinical care,
					into account risk	
					factors for	recommendation
					prevention and	s taking into
					early detection	account the
					of diseases	standards of
					including	medical care;
					cancer; carry out	selection of non-
					non-drug	drug methods for
					methods for the	the prevention of
					prevention of the	the most
					most common	common
	and	A11			diseases	diseases
14.	GPC	Able to the	GPC-3.	fundamentals of	apply knowledge	conducting

 counteraction of doping use in sports and fighting against it against it fighting against it against it again				[
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fighting against itin sports and fighting against ituse of doping in sportsmedicines used a doping in sports, organize 					the field of		
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classification of diseases and health-related problems (ICD); instrumental and of patients for	1					- •	
diseases and conducting specialist health-related laboratory, doctors; referral problems (ICD); instrumental and of patients for						-	-
health-related laboratory, doctors; referral problems (ICD); instrumental and of patients for						-	
problems (ICD); instrumental and of patients for						-	-
					health-related	laboratory,	doctors; referral
conditions additional instrumental,					problems (ICD);	instrumental and	of patients for
	L				conditions	additional	instrumental,

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requiring	investigations of	laboratory,
emergency	patients in	additional
medical care;	accordance with	investigations,
procedure for the	-	consultations of
use of medical	for providing	specialist
devices in	medical care,	doctors in
accordance with	clinical	accordance with
the current	recommendation	the current
procedures for	s taking into	procedures for
providing	account the	providing
medical care,	standards of	medical care,
clinical	medical care; to	clinical
recommendation	refer patients to	recommendation
s (treatment	laboratory,	s taking into
protocols) on the	instrumental and	account the
medical care	additional	standards of
delivery taking	investigations in	medical care;
into account the	accordance with	interpretation of
standards of	the current	data from
medical care	procedures for	additional
	providing	(laboratory and
	medical care,	instrumental)
	clinical	examinations of
	recommendation	patients; making
	s, taking into	a preliminary
	account the	diagnosis in
	standards of	accordance with
	medical care;	the international
	refer patients for	statistical
	consultations to	classification of
	medical	diseases and
	specialists in	problems related
	accordance with	to health (ICD);
	the procedures	differential
	of medical care,	diagnosis of
	clinical	diseases;
	recommendation	recognition of
	s taking into	conditions
	account the	arising from
	standards of	sudden acute
	medical care; to	diseases,
	interpret and	exacerbation of
	analyze the	chronic diseases
	results of	without obvious
	consultations by	signs of a threat
	medical	to the patient's
	specialists of	life and
	patients; to	requiring urgent
	interpret and	medical care; the

				1		
					analyze the	use of medical
					results of basic	devices in
					(clinical) and	accordance with
					additional	current medical
					(laboratory,	procedures,
					instrumental)	clinical
					examination	recommendation
					methods; carry	s (treatment
					out differential	protocols) on the
					diagnosis of	issues of medical
					diseases of	care delivery,
					patients; identify	assistance taking
					clinical signs of	into account the
					sudden acute	standards of
					diseases,	medical care
					conditions,	inedical care
					exacerbations of	
1					chronic diseases	
					without obvious	
					signs of life-	
					threatening,	
					requiring	
					medical care in	
					an urgent form;	
					use medical	
					devices in	
					accordance with	
					current medical	
					procedures,	
					clinical	
					recommendation	
					s (treatment	
					protocols) on the	
					provision of	
					medical care,	
					assistance taking	
					into account the	
					standards of	
					medical care	
16.	GPC	Able to assess	GPC-5. Assess	anatomy,	evaluate the	assessment of
		morpho-	morpho-	histology,	basic	basic
		functional,	functional,	embryology,	morphological	morphological
		physio-	physio-	topographic	and functional	and functional
1		logical	logical	anatomy,	data,	data,
		conditions	conditions	physiology,	physiological	physiological
		and	and	pathological	conditions and	conditions and
		pathological	pathological	anatomy and	pathological	pathological
		processes in	processes in	physiology of	processes in the	processes in the
		the human	the human	human organs	human body	human body
		body to solve	body to solve	and systems	nunun oouy	numan oouy

		professional problems	professional problems			when solving professional problems
17	GPC	Able to: organize patient care, provide primary health care, ensure the organization of work and professional decision- making in case of medical emergency on the prehospital stage, in the conditions of emergency situations, epidemics and in centers of mass destruction	GPC-6. Organize patient care, provide primary health care, ensure the organization of work and professional decision- making in case of medical emergency on the prehospital stage, in the conditions of emergency situations, epidemics and in centers of mass destruction	methods of collecting complaints and anamnesis of patients (their legal representatives); methods of physical examination of patients (examination, palpation, percussion, auscultation); principles and methods of medical care delivery to patients in urgent conditions, in emergency situations, epidemics and in centers of mass destruction in accordance with the procedures for providing medical care, clinical recommendation s taking into account the standards of medical care; clinical signs of major emergency conditions; principles of medical evacuation in emergency situations; principles of medical evacuation in emergency situations; principles of medical evacuation in emergency situations;	recognize conditions that require healthcare delivery in an emergency form, including in the conditions of emergencies, epidemics and in the centers of mass destruction, requiring medical assistance in an emergency form; organize the work of medical personnel in emergency situations, epidemics and in centers of mass destruction; provide emergency medical care to patients in conditions that pose a threat to the life of patients, including (blood circulation and (or) respiration); use medicines and medical providing medical care in emergency conditions; perform basic cardiopulmonary resuscitation; use personal protective equipment;	assessing the condition requiring healthcare delivery in an emergency form, including in emergency situations, epidemics and in the centers of mass destruction; definition of life- threatening conditions, including the state of clinical death (arrest of vital important functions of the human body (blood circulation and (or) breathing) requiring medical care in the emergency form; medical care delivery in emergency form to patients in conditions, constituting life- threatening situations including clinical death (arrest of vital functions of human body (blood circulation and (or) respiration); the use of medicines and medical products in the provision of medical care

			epidemics and in centers of mass destruction; principles of work in centers of mass destruction; principles of organization of patient care, first aid treatment	organize patient care, provide primary health care	in case of emergency conditions and epidemics; use of personal protective equipment; organization of patient care, first aid measures
GPC	Able to prescribe treatment and monitor its effectiveness andsafety	GPC- 7.Prescribe treatment and monitor its effectiveness andsafety	methods of drug and non-drug treatment, medical indications for the use of medical devices for the most common diseases; groups of drugs used to provide medical care in the treatment of the most common diseases; the mechanism of their action, medical indications and contraindications to the prescriptioncom patibility, possible complications, side effects, adverse reactions, including serious and unforeseen; features of medical care in emergency forms	develop a treatment plan for patients with the most common diseases in accordance with the procedures for providing medical care, clinical guidelines taking into account the standards of medical care; prevent or eliminate complications, side effects, adverse reactions, including unforeseen ones, resulting from diagnostic or therapeutic manipulations, the use of drugs and (or) medical devices, non- drug treatment	developing a treatment plan for patients with the most common diseases in accordance with the current procedures for the provision of medical care, clinical guidelines, taking into account the standards of medical care; provision of emergency and urgent medical care to patients with the most common diseases in accordance with the current procedures for providing medical care, clinical guidelines, taking into account the standards of medical care; providing medical care; clinical guidelines, taking into account the standards of medical care; selection and prescription of medicines,

 r			
			medical devices
			with the most
			common
			diseases for the
			treatment of the
			most common
			diseases of
			children and
			adults in
			accordance with
			the current
			procedures for
			providing
			medical care,
			clinical
			recommendation
			s, taking into
			account the
			standards of
			medical care;
			evaluation of the
			effectiveness
			and safety of the
			use of drugs,
			medical devices
			and non-drug
			treatment of
			patients with the
			most common
			diseases;
			selection and
			prescription of
			non-drug
			treatment for
			patients with the
			most common
			diseases in
			accordance with
			the procedures
			for providing
			medical care,
			clinical
			guidelines,
			taking into
			account the
			standards of
			medical care;
			prevention and
			treatment of

	T					
						complications,
						side effects,
						adverse
						reactions,
						including
						unforeseen ones,
						resulting from
						diagnostic or
						therapeutic
						manipulations,
						the use of drugs
						and (or) medical
						devices, non-
						drug treatment;
						providing
						medical care to
						patients with
						sudden acute
						diseases,
						conditions,
						exacerbation 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
						form
19.	GPC	Able to	GPC-8.	procedures for	develop an	drawing up a
		implement and	Implement and	the organization	action plan for	plan of measures
		realize	realize	of medical	the medical	for medical
		monitoring the	monitoring the	rehabilitation,	rehabilitation of	rehabilitation of
		effectiveness	effectiveness	including the	patients	a patient,
		of the patient's	of the patient's	implementation	including the	including when
		medical	medical	of individual	implementation	implementing
		rehabilitation	rehabilitation	rehabilitation	of individual	individual
		including in	including in	and habilitation	rehabilitation	rehabilitation
		the	the	programs for	and habilitation	and habilitation
		implementatio	implementatio	disabled people;	programs for the	programs for
		n of individual	n of individual	methods of	disabled people	disabled people,
		rehabilitation	rehabilitation	medical	in accordance	in accordance with the current
		and habilitation	and habilitation	rehabilitation of	with the current	procedure for
				a patient	procedure for the	medical
		programs for	programs for	a patient	organization of	meuical

	1.1.1.1.1.1	••
the disabled the disabled including when		itation,
people, assess people, assess implementing	rehabilitation, clinica	
the patient's the patient's individual		nendation
ability to carry ability to carry rehabilitation	recommendation s, takin	-
out work out work and habilitation	1 8	t medical
activities activities programs for the		andards;
disabled,	standards of carryin	-
medical	medical care; medica	
indications and	determine rehabil	
medical	medical measur	res for
	indications for patient	S
contraindicatio	metical	ng when
for their	-	nenting
implementation		
taking into	accordance with rehabil	itation
account the	the current and ha	bilitation
diagnosis in	procedure for the program	
accordance wit	-	ed people,
current		ordance
procedures of	,	e current
the organizatio	11 1	ure for the
of medical	recommendation organiz	zation of
rehabilitation,	s taking into medica	
clinical		itation,
recommendatio	standards of clinica	1
	medical care; recom	nendation
s taking into	evaluate the s, takin	0
account the	effectiveness account	
standards of	and safety of standar	rds of
medical care;	medical medica	
ways to preven	t rehabilitation evaluat	tion of the
or eliminate	measures for effective	veness
complications,	patients and saf	•
side effects,	including when measur	res for
adverse	implementing medica	
reactions,		itation of
including serio	us rehabilitation patient	
and unforeseen	and habilitation includi	0
arising as a	programs for implen	nentation
result of medic	al disabled people of indi	
rehabilitation	in accordance rehabil	
		bilitation
measures;	procedure for program	
procedure for		ed people
examination of	metheat	
temporary	rehabilitation,	
disability and	clinical	
signs of	recommendation	
temporary	taking into	
disability of a	account the	
patient; signs o		
persistent	medical care;	

				impairment of body functions caused by diseases, consequences of injuries or defects	identify signs of temporary disability and signs of persistent impairment of body functions caused by diseases, consequences of injuries or defects	
20	GPC	Able to implement the principles of quality management in the professional activity	GPC-9. Implement the principles of quality management in the professional activity	the basic concepts of the quality management system of a medical organization; requirements for ensuring internal quality control and safety of medical activities	analyze the quality of medical care to dental patients; ensure internal quality control and safety of medical activities; organize work and monitor the performance of official duties of the medical personnel	carrying out work to ensure internal quality control of medical care for dental patients and the safety of medical activities
21	GPC	Able to understand the principles of modern information technologies and use them to solve the tasks of professional activity	GPC-10. Understand the principles of modern information technologies and use them to solve the tasks of professional activity	the capabilities of reference information systems and professional databases; methods of information retrieval, information and communication technologies; modern medical and biological terminology; fundamentals of information security in professional activities	apply modern information and communication technologies to solve the tasks of professional activity; carry out an effective search for information necessary to solve the tasks of professional activity using reference systems and professional databases; use modern medical and biological terminology; master and apply modern	use of modern information and bibliographic resources, the use of special software and automated information systems to solve standard tasks of professional activity, taking into account the basic requirements of information security

22.	GPC	Able to:	GPC-11.	scientific,	information and communication technologies in professional activity, taking into account the basic requirements of information security prepare	scientific,
			Prepare and apply scientific, research and production, design, management and regulatory documentation in the health care system	research and production, design, management and regulatory documentation in the healthcare system	scientific, research and production, design, managment and regulatory documentation in the healthcare system	research and production, design, management and regulatory documentation in the healthcare system
23	PC	Able to assess the condition of a patient requiring medical treatment in the emergency form	PC -1 Assess the condition of a patient requiring medical treatment in the emergency form	etiology, pathogenesis and pathomorpholog y, clinical aspect, differential diagnosis, clinical features, complications and outcomes of diseases of internal organs; methodology for collecting complaints and anamnesis; physical examination technique (examination, palpation, percussion, auscultation); a list of laboratory and instrumental research methods for	identify clinical signs of conditions requiring medical treatment in the emergency form	

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				assessing the		
				condition, the		
				main medical		
				indications for		
				conducting		
				research and		
				interpreting the		
				results of		
				patients		
				requiring		
				medical care in		
				the emergency		
				form		
24.				etiology,	identify clinical	
<u>~</u>	PC	Able to	PC-2.	pathogenesis and	signs of	
		recognize	Recognize	pathomorpholog	conditions	
		conditions	conditions	y, clinical		
		arising from	arising from	•	requiring	
		sudden acute	sudden acute	picture,	emergency	
		diseases,	diseases,	differential	medical care;	
		exacerbation	exacerbation	diagnosis,	identify	
		of chronic	of chronic	features of the	conditions	
		diseases	diseases	course,	requiring	
		without	without	complications	emergency	
		obvious signs of a threat to	obvious signs	and outcomes of	medical care,	
			of a threat to	diseases of	including	
		the patient's life and	the patient's	internal organs;	clinical signs of	
		requiring	life and	methods of	sudden cessation	
		urgent	requiring	collecting	of blood	
		medical care,	urgent	complaints and	circulation and	
		recognize	medical care,	anamnesis in	respiration	
		conditions	recognize	patients (their		
		that pose a	conditions	legal		
		threat to the	that pose a	representatives);		
		patient's life	threat to the	methods of		
		including	patient's life	physical		
		conditions of	including	examination of		
		clinical death	conditions of	patients		
		(stopping	clinical death	(examination,		
		vital	(stopping	palpation,		
		functions of	vital functions of	percussion,		
		the human	the human	auscultation); a		
		body (blood	body (blood	list of methods		
		circulation	circulation			
		and/or	and/or	of laboratory and instrumental		
		respiration),	respiration),			
		requiring the	requiring the	investigations to		
		provision of	provision of	assess the		
		emergency	emergency	patient's		
		medical care	medical care	condition, the		
				main medical		

25.PCAble to use medicines and devices for providing medical care in emergencyPC-4.modern methods medicines, <b< th=""><th></th></b<>	
25.PCAble to use medicial devices for providing medical care in emergenentPC-4.modern methods medicial care in cessation of blood circulation and/ or respirationprescribe medicines, medical devices taking into account the diagnosis, age	
25.PCAble to use medical devices for providing medical care in amargementPC-4.modern methods medical devices for diseases and medical care in conditions inprescribe medical signs of sudden cessation of blood circulation and/ or respiration	
25.PCAble to use medical devices for providing medical carePC-4.modern methods medical care in providing medical care inprescribe medical care in conditions in25.PCAble to use medical carePC-4.modern methods medical devices for diseases and medical care in conditions inprescribe medical signs of using medical devices for diseases and medical signs of using	
25.PCAble to use medicines and devices for providing medical care in comprovedPC-4.modern methods medicines, medicines, medical devices for providing medical care in comprovedPC-4.modern methods medicines, medicines, medicines, medical devices for diseases and medical care in conditions inprescribe medicines, medical devices for diseases and medical service	
25.PCAble to use medicines and devices for providing medical care in operationPC-4.modern methods medicines, medicines, medicines, medicines, medical devices for diseases and medical care in conditions inmedical devices, devices, age	
25.PCAble to use medicines and devices for providing medical care in comprovedPC-4.modern methods medicines, medicines, medical devices for diseases and medical care in conditions inprescribe medicines, medical devices for diseases and medical care in conditions in	
25. PC Able to use medicines and medical devices for providing medical care in compared with the medical care in compared with the medical care in conditions in PC-4. modern methods medicines, medicines, medical devices for medical devices taking into account the medical care in conditions in	
25.PCAble to use medicines and medical devices for providing medical carePC-4.modern methods medicines of using medicines, medical devices for diseases and medical care in conditions inmedical medical devices devices taking into	
25. PC Able to use PC-4. modern methods prescribe medicines and medical and medical devices for providing medical care in comparement of the medical care in comparement. Redical care in conditions in diagnosis, age	
medicines and Use medicines of using medicines, medical and medical medicines, medical devices devices for providing medical care in conditions in diagnosis, age	
medicines and medical devices for providing medical careUse medicines medical devices for 	
medical devicesand medical medicalmedicines, medical devicesmedical devicesproviding medicalproviding medical carefor diseases and medical care inaccount the diagnosis, age	
providing medical care in compared activities in the diagnosis, age	
providing medical care in emerson au providing medical care in conditions in providing medical care in providing medical care in providing medical care in providing medical care in providing medical care in providing medical care in providing medical care in providing medical care in providing providi providi provi	
medical care in medical care in conditions in diagnosis, age	
forms forms the current picture of the	
procedures for disease in	
providing accordance with	
medical care, the current	
clinical procedures for	
recommendation providing	
s (treatment medical care,	
protocols) on the clinical	
provision of recommendation	
medical care s (treatment	
taking into protocols) on the account the medical care	
standards of delivery in	
medical care in emergency or	
the provision of urgent forms	
medical care in	
emergency or	
urgent forms; the	
mechanism of	
action of drugs,	
medical devices,	
medical	
indications and	
contraindications	
to their use;	
complications	
caused by their	
use; principles of	
operation of	
devices for	
external electric	
pulse therapy	

				(defibrillet)		
				(defibrillation); rules for		
				performing external electric		
				pulse therapy		
				(defibrillation)		
				in case of		
				sudden cessation		
				of blood		
				circulation and /		
				or respiration		
26	PC	Able to	PC-5.	legislation of the	collect	
		collect	Collect	Russian	complaints,	
		complaints,	complaints,	Federation in the	anamnesis of life	
		anamnesis of	anamnesis of	field of health	and disease of	
		the patient's	the patient's	care, regulations	the patient and	
		life and	life and illness,		analyze the	
		illness, conduct a	conduct a	documents that	information	
		complete	complete	determine the	received;	
		physical	physical	activities of	conduct a	
		examination	examination of	medical	complete	
		of the patient	the patient	organizations	physical	
		(examination,	(examination,	and healthcare	examination of	
		palpation,perc	palpation,perc	workers; method	the patient	
		ussion,	ussion,	of collecting	(examination,	
		auscultation),	auscultation),	complaints,	palpation,	
		formulate a	formulate a	anamnesis of life	percussion,	
		preliminary	preliminary	and disease of	auscultation) and	
		diagnosis and	diagnosis and	the patient; a	interpret its	
		draw up a	draw up a plan	technique for a	results;	
		plan for	for laboratory	complete	determine the	
		laboratory and	and	physical	sequence of	
		instrumental	instrumental	examination of	volume, content	
		examinations	examinations	the patient	and sequence of	
		of the patient	of the patient	(examination,	diagnostic	
			I	palpation,	measures incl.	
				percussion,	modern digital	
				auscultation);	technologies	
				etiology,		
				pathogenesis and		
				pathomorpholog		
				y, clinical		
				aspect,		
				differential		
				diagnosis,		
				clinical features,		
				complications and outcomes of		
				diseases of		

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				internal organs;		
				patterns of		
				functioning of a		
				healthy human		
				body and		
				mechanisms for		
				ensuring health		
				from the		
				standpoint of the		
				theory of		
				functional		
				systems; features		
				of the regulation		
				of the functional		
				systems of the		
				human body in		
				pathological		
				processes;		
				methods of		
				laboratory and		
				instrumental		
				examinations for		
				assessing the		
				state of health,		
				medical		
				indications for		
				conducting		
				investigations,		
				rules for		
				interpreting their		
				results		
27.	DC	Able to send a	PC-6.	general issues of	justify the need	
	PC	patient to	Send a patient	organizing	and scope of	
		laboratory,	to laboratory,	medical care for	laboratory	
		instrumentalex	instrumentalex	the population,	examination of	
		amination, to a	amination, to a	methods of	the patient;	
		consultation	consultation	laboratory and	justify the need	
		with specialist	with specialist	instrumental	and scope of	
		doctors if there	doctors if there	examinations to	instrumental	
		are medical	are medical	assess the state	examination of	
		indications in	indications in	of health,	the patient;	
		accordance with the	accordance	medical	justify the need	
		current	with the	indications for	to refer the	
		procedures for	current	conducting	patient for	
		the provision	procedures for	examinations,	consultations	
		of medical	the provision	rules for	with specialist	
		care, clinical	of medical	interpreting their	doctors;	
		recommendati	care, clinical	results;	determine	
		ons(treatment	recommendati	procedures for	medical	
		I		L		1

		mmoto1-)	analter to t	the encoder of	indications for	
		protocols) on	ons(treatment	the provision of		
		providing	protocols) on	medical care,	the provision of	
		medical care	providing	clinical	emergency,	
		taking into	medical care	recommendation	including	
		account the	taking into	s (treatment	emergency	
		standards of	account the	protocols) on the	specialized,	
		medical care,	standards of	provision of	medical care	
		and also refer	medical care,	medical care,		
		the patient for	and also refer	standards of		
		providing	the patient for	medical care		
		specialized	providing	incurcar care		
		medical care in				
		an inpatient	specialized			
		setting or in a	medical care in			
		day hospital if	an inpatient			
		there are	setting or in a			
		medical	day hospital if			
		indications in	there are			
		accordance	medical			
		with the	indications in			
		current	accordance			
		procedures for	with the			
		the medical	current			
		care delivery,	procedures for			
		clinical	the medical			
		recommendati	care delivery,			
		ons (treatment	clinical			
		protocols) on	recommendati			
		the medical	ons (treatment			
		care delivery				
		taking into	protocols) on			
		account the	the medical			
		standards of	care delivery			
		medical care	taking into			
			account the			
			standards of			
			medical care			
28	PC	Able to carry	PC-11.	the procedure for	identify signs of	
	10	out an	An	the examination	temporary	
		examination of	examination of	of temporary	disability and	
		temporary	temporary	disability and	signs of	
		disability and	disability and	signs of	persistent	
		work as a part	work as a part	temporary	impairment of	
		of a medical	of a medical	disability of the	body functions	
		commission	commission	patient; the rules	caused by	
		carrying out an	carrying out an	for registration	diseases, the	
		examination of	examination of	and issue of	consequences of	
		temporary		medical	injuries or	
		disability	temporary disability	documents when	defects	
			disability		4515015	
				referring patients		
				for specialized		

				medical care,		
				sanatorium		
				treatment,		
				medical and		
				social		
				examination		
29.	PC	Able to	PC-12.	the procedure for	identify signs of	
	PC	prepare the	Prepare the	referring a	temporary	
		necessary	necessary	patient to a	disability and	
		medical	medical	medical and	signs of	
		documentation	documentation	social	persistent	
		for the	for the	examination;	impairment of	
		implementatio	implementatio	signs of	body functions	
		n of medical	n of medical	U	•	
		and social		persistent	caused by	
		expertise in	and social	impairment of	diseases, the	
		federal state	expertise in	body functions	consequences of	
		institutions of	federal state	caused by	injuries or	
		medical and	institutions of	diseases,	defects	
		social	medical and	consequences of		
		expertise and	social	injuries or		
		refer a patient	expertise and	defects; rules for		
		with a	refer a patient	registration and		
		persistent	with a	issue of medical		
		impairment of	persistent	documents when		
		body functions	impairment of	referring patients		
		caused by	body functions	for specialized		
		diseases, the	caused by	medical care,		
		consequences	diseases, the	sanatorium		
		of injuries or	consequences	treatment,		
		defects to	of injuries or	medical and		
		medical and	defects to	social		
		social				
		expertise	medical and	examination		
			social			
			expertise			
30	PC	Able to: refer	PC-13.	measures for the	determine	
	-	a patient in	Refer a patient	medical	medical	
		need of	in need of	rehabilitation of	indications for	
		medical	medical	the patient,	carrying out	
		rehabilitation	rehabilitation	medical	medical	
		to a specialist	to a specialist	indications and	rehabilitation	
		doctor for the	doctor for the	contraindications	measures	
		treatment and	treatment and	to their	including when	
		conduct of	conduct of	implementation	implementing an	
		medical	medical	taking into	individual	
		rehabilitation	rehabilitation	account the	rehabilitation	
		measures	measures	diagnosis in	program or	
		including for	including for	accordance with	habilitation of	
		the	the	the current	disabled people,	
		prescription				
		and conduct	prescription	procedures for	in accordance	

of sanatorium	and conduct of	the provision of	with the current	
treatment,	and conduct of	the provision of		
and carry out	sanatorium	medical care,	procedures for	
medical	treatment, and	clinical	providing	
rehabilitation	carry out	recommendation	medical care,	
measures for	medical	s (treatment	clinical	
the patient	rehabilitation	± '	recommendation	
including	measures for	provision of	s (treatment	
when	the patient	medical care	protocols) on the	
implementing	including	taking into	provision of	
an individual	when	account the	medical care	
rehabilitation	implementing	standards of	taking into	
program or	an individual	medical care;	account the	
habilitation of	rehabilitation	medical	standards of	
disabled	program or	indications and	medical care;	
people in	habilitation of	contraindications	identify	
accordance	disabled	for sanatorium	specialist	
with the	people in	treatment as a	doctors for	
current	accordance	stage of medical	carrying out	
procedures of	with the	rehabilitation of	rehabilitation	
providing	current	the patient;	measures to the	
medical care,	procedures of	features of	patient in need	
clinicalrecom	providing	medical	of medical	
mendations	medical care,	rehabilitation of	rehabilitation	
(treatment	clinicalrecom	elderly and	taking into	
protocols) on	mendations	senile patients	account the	
the provision of medical	(treatment	1	diagnosis and in	
care taking	protocols) on		accordance with	
into account	the provision		the current	
the standards	of medical		procedures for	
of medical	care taking		providing	
care	into account		medical care,	
	the standards		clinical	
	of medical		recommendation	
	care		s (treatment	
			protocols) on the	
			provision of	
			medical care	
			taking into	
			account the	
			standards of	
			medical care;	
			carry out	
			measures of	
			medical	
			rehabilitation of	
			the patient in	
			accordance with	
			the current	
			procedures for	

					providing	
					medical care,	
					clinical	
					recommendation	
					s (treatment	
					protocols) on the	
					provision of	
					medical care,	
					taking into	
					account the	
					standards of	
					medical care;	
					prescribe	
					sanatorium	
					treatment to a	
					patient in need	
					of medical	
					rehabilitation	
					including when	
					implementing an	
					individual	
					rehabilitation	
					program or	
					habilitation of	
					disabled people	
					in accordance	
					with current	
					clinical	
					recommendation	
					s (treatment	
					protocols) on the	
					provision of	
					medical care,	
					procedures for	
					the provision of	
					medical care and	
					taking into	
					account the	
					standards of	
					medical care	
31.	PC	Able to:	PC-15.	regulatory legal	conduct medical	
	IC	organize and	Organize and	acts and other	examinations	
		conduct	conduct	documents	taking into	
		medical	medical	regulating the	account age,	
		examinations	examinations	procedures for	health condition,	
		taking into	taking into	conducting	profession in	
		account age,	account age,	medical	accordance with	
		health status,	health status,	examinations,	applicable	
		profession in	profession in	medical check-	regulatory legal	
1		accordance	r			

		with	accordance	up and medical	acts and other	
		applicable	with	supervision; a	documents	
		11		-	uocuments	
		regulatory	applicable	list of specialist		
		legal acts and	regulatory	doctors involved		
		other	legal acts and	in conducting		
		documents	other	medical		
			documents	examinations,		
				medical check-		
32.	PC	Able to:	PC-	up principles of	organize and	
32.	гС				-	
		organize and	16.Organize and monitor	application of	carry out	
		monitor the		specific and non-	immunoprophyla	
		immuno-	the immuno-	specific	xis of infectious	
		prophylaxis of	prophylaxis of	prevention of	diseases in the	
		infectious	infectious	infectious	adult population	
		diseases in the	diseases in the	diseases, the	in accordance	
		adult	adult	national calendar		
		population,	population,	of preventive	procedures for	
		prescribe	prescribe	-	-	
		preventive	preventive	vaccinations and	the provision of	
		measures to	measures to	the calendar of	medical care,	
		patients taking	patients taking	preventive	clinical	
		into account	into account	vaccinations for	recommendation	
		risk factors in	risk factors in	epidemic	s (treatment	
		accordance	accordance	indications;	protocols) on the	
		with the	with the	legislation of the	provision of	
		current	current	Russian	medical care	
		procedures for	procedures for	Federation in the		
		providing	-		0	
			providing medical care,	field of health	account	
		medical care,	,	protection,	standards of	
		clinicalrecom	clinicalrecom	sanitary rules	medical care;	
		mendations	mendations	and regulations;	prescribe	
		(treatment	(treatment	preventive	preventive	
		protocols) on	protocols) on	measures taking	measures to	
		the provision	the provision	into account the	patients taking	
		of medical	of medical		into account risk	
		care taking	care taking	diagnosis in		
		into account	into account	accordance with	factors for the	
		the standards	the standards	the current	prevention and	
		of medical	of medical	procedures for	early detection	
		care and	care and	medical care,	of diseases,	
		monitor	monitor	clinical	including	
		compliance	compliance	recommendation	socially	
		with	with	s (treatment	significant	
		preventive	preventive	protocols) about	diseases	
		measures	measures	÷ '	U13Ca3C3	
		110404100		medical care		
				delivery taking		
				into account the		
				standards of		
				medical care		
33.	DC	Able to	PC-18.	The legislation	determine	
	PC-			0		

	1		C I D '	1' 1	
	determine	Determine	of the Russian	medical	
	medical	medical		indications for	
	indications for	indications for	field of health	the introduction	
	the	the	protection,	of restrictive	
	introduction of	introduction of	sanitary rules	measures	
	restrictive	restrictive	and regulations;	(quarantine) and	
	measures	measures	rules for	indications for	
	(quarantine)	(quarantine)	conducting	referral to a	
	and indications for referral to a	and indications	sanitary and	specialist doctor;	
		for referral to a	anti-epidemic	carry out	
	specialist doctor in the	specialist	measures	sanitary and	
	event of	doctor in the		anti-epidemic	
	infectious	event of		measures in the	
	(parasitic)	infectious		event of a focus	
	diseases, issue	(parasitic)		of infection	
	and send an	diseases, issue			
	emergency	and send an			
	notification to				
	the territorial	emergency			
	body of the	notification to			
	Federal	the territorial			
	Service for	body of the			
	Supervision of	Federal			
	Consumer	Service for			
	Rights	Supervision of			
	Protection and	Consumer			
	Human Well-	Rights			
	being when an	Protection and			
	infectious or	Human Well-			
	occupational	being when an			
	disease is	infectious or			
	detected, carry	occupational			
	out anti-	disease is			
	epidemic	detected, carry			
	measures in	out anti-			
	the event of a	epidemic			
	focus of	measures in			
	infection,	the event of a			
	including	focus of			
	quarantine				
	measures for	infection,			
	the	including			
	identification	quarantine			
	of highly	measures for			
	dangerous	the			
	(quarantine)	identification			
	infectious	of highly			
	diseases	dangerous			
		(quarantine)			
		infectious			
		diseases			
L		1	1	1	ıl

35.PCAble to draw up a work plan and a report on its work, issue a passport of a medical (therapeutic) localityPC-20.the legislation of the Russian Federation in the regulatory legal acts and otherdraw up a work plan and a report on their work, to issue a passport of a medical (therapeutic) localityPC-20.the legislation of the Russian Federation in the issue a passport of a medical regulatory legal acts and otherplan and a report on their work, to issue a passport of a medical regulatory legal acts and other(therapeutic) localitylocalityocuments activities of medical organizations and medical activities of morbidity, disability and and medical of the assigned populationmorbidity, disability and mortality to workers; assess the health medical and mortality characterizing the health of the population, the procedure for their calculation and evaluation36. PCAble to:PC-21.medical and analyzeanalyze official	34	Able to: form healthy lifestyle programs, including programs to reduce alcohol and tobacco consumption, prevent and combat non- medical use of narcotic drugs and psychotropic substances, and evaluate the effectiveness of preventive work with patients	PC-19. Form healthy lifestyle programs, including programs to reduce alcohol and tobacco consumption, prevent and combat non- medical use of narcotic drugs and psychotropic substances, and evaluate the effectiveness of preventive work with patients	forms and methods of sanitary and educational work on the formation of elements of the healthy lifestyle, including programs to reduce alcohol and tobacco consumption, prevention and control of non- medical use of narcotic drugs and psychotropic substances	develop and implement programs for the formation of the healthy lifestyle, including programs to reduce alcohol and tobacco consumption, prevention and control of non- medical use of narcotic drugs and psychotropic substances	
136 PC Able to: PC-21 medical and analyze official		and a report on its work, issue a passport of a medical (therapeutic) locality	a report on its work, issue a passport of a medical (therapeutic) locality	Federation in the field of health protection, regulatory legal acts and other documents defining the activities of medical organizations and medical workers; medical and statistical indicators of morbidity, disability and mortality characterizing the health of the population, the procedure for their calculation and evaluation	plan and a report on their work, to issue a passport of a medical (therapeutic) site; to analyze medical and statistical indicators of morbidity, disability and mortality to assess the health of the assigned population	

		1				
		analyze	Analyze	statistical	statistical	
		morbidity,	morbidity,	indicators of	reporting data,	
		disability and	disability and	morbidity,	including forms	
		mortality	mortality	disability and	of federal and	
		indicators to	indicators to	mortality	sectoral	
		characterize	characterize	characterizing	statistical	
		the health of	the health of	health of the	observation;	
		the assigned	the assigned	assigned	analyze medical	
		population of	population of	population, the	and statistical	
		medical care	medical care	order of their	indicators of	
		and aimed at	and aimed at	calculation and	morbidity,	
		creating		evaluation	•	
		conditions for	creating	evaluation	disability and	
		protecting the	conditions for		mortality to	
		health of	protecting the		assess the health	
		citizens	health of		of the assigned	
			citizens		population	
37	PC	Able to:	PC-22.	the legislation of	fill out medical	
		maintain	Maintain	the Russian	documentation	
		medical	medical	Federation in the	including in the	
			records, also in	field of health	electronic form	
		the electronic	the electronic	protection,	in MIS; work	
		form in the	form in the	regulatory legal	with personal	
		MIS	MIS	acts and other	data of patients	
				documents	and information	
				defining the	constituting a	
				activities of	medical secret;	
				medical	use information	
				organizations	systems and	
				and medical	information and	
				workers; rules	telecommunicati	
				· ·		
				for working in	on network, the	
				information	Internet, in	
				systems and	professional	
				information and	activities	
				telecommunicati		
				ons network "the		
				Internet"; rules		
				for registration		
				of medical		
				documentation		
				in medical		
				organizations		
1				providing		
				outpatient		
				medical care		
				including		
				medical		
				worker's home		
				visits		
L				15105		

38.	PC	Able to	PC-23.	control over the	monitor the	
		provide	Provide	performance of	performance of	
		internal quality	internal quality	official duties by	-	
		control and	control and	a district nurse	a district nurse	
		safety of	safety of	and other	and other	
		medical	medical	medical workers	medical workers	
		activities	activities	at their disposal;	at their disposal	
		within the	within the	organization of	Ĩ	
		scope of	scope of	medical care in		
		official duties and control of	official duties	medical		
		the	and control of	organizations		
		performance	the	providing		
		of official	performance	outpatient		
		duties by a	of official	medical care		
		district nurse	duties by a	including		
		and other	district nurse	medical		
		medical	and other	worker's		
		workers	medical			
			workers			

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

Total labor intensity of the discipline is	_5	CU (_180_	_AH)
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Typeofeducationalwork	Laborii	ntensity	Labor inten	sity (AH) in
	volume in	volume in	seme	esters
	credit	academic		
	units	hours	6	7
	(CU)	(AH)		
Classroomwork, including	2,6	94	32	62
Lectures (L)	0,6	20	8	12
Laboratorypracticum (LP)*				
Practicals (P)	2,0	74	24	50
Seminars (S)				
Student'sindividualwork (SIW)	1,4	50	22	28
Mid-termassessment	1	36		36
credit/exam (specify the type)		exam		exam
TOTAL LABOR INTENSITY	5	180	54	126

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

N⁰	Competence code	Section name of the discipline
1.	UC-1 UC-6 GPC -1 GPC -11 PC-22	General issues of public health and health care
2.	UC-1 UC-6 GPC -1GPC -11	Fundamentals of population statistics, medical and demographic indicators, morbidity and disability of the population

	PC-21 PC-22	
	UC-1 GPC -1	Medical statistics, organization of social and hygienic research
3.	PC-4 PC-21	Medical statistics, organization of social and hygicine research
	UC-1	
	UC-6	Organization of medical care for the population, including medical care for
	PC -1	socially significant diseases
	PC -2	
4.	PC -4	
	PC -16	
	PC -17	
	PC -18	
	GPC -1	
5.	PC -4	Fundamentals
5.	PC -17	ofHealthManagement
	PC -18	
	GPC -1	
6.	PC -17	Health
	PC -18	economic
	GPC -1	
	GPC -6	Organization of healthcare in foreign countries
	PC -1	
7.	PC -2	
	PC -4	
	PC -16	
	PC -17	
	PC -18	