Federal State Budgetary Educational Institution of Higher Education "Privolzhsky Research Medical University"

Ministry of Health of the Russian Federation

APPROVED

Vice-Rector for Academic Affairs

E.S. Bogomolova

31 August 2021

WORKING PROGRAM

Name of the academic discipline: ASSISTANT OF TREATMENT NURSE

Specialty: 31.05.01 GENERAL MEDICINE

Qualification: GENERAL PRACTITIONER

Department: ENDOCRINOLOGY AND INTERNAL DISEASES

Mode of study: FULL-TIME

Labor intensity of the academic discipline: 90 academic hours

The working program has been developed in accordance with the Federal State Educational Standard for specialty 31.05.01 GENERAL MEDICINE approved by Order of the Ministry of Science and Higher Education of the Russian Federation No. 988 of August 12, 2020.

Developers of the working program: Candidate of Medical Sciences, Assistant Professor Bushueva A.V.

The program was reviewed and approved at the department meeting (protocol No.4, 21.04.22) Head of the Department, Doctor of Medical Sciences, Associate Professor Pochinka I.G.

Djuyak

21/04/2021

AGREED

Deputy Head of EMA ph.d. of biology

Loytsova L.V.

(signature)

21/04/2021

1. The purpose and objectives of mastering the academic discipline ASSISTANT OF TREATMENT NURSE (hereinafter – the discipline):

- 1.1. The purpose of mastering the discipline: participation in the formation of the following competencies: UC-1, GPC-1, GPC-4, GPC-5, GPC-6, GPC-10, PC-1, PC-2, PC-3, PC-4, PC-8
- 1.2. Tasks of the discipline: to master the following competencies: IUC 1.1, IUC 1.2, IUC 1.3, IGPC 1.1, IGPC 1.2, IGPC 1.3, IGPC 4.1, IGPC 4.2, IGPC 4.3, IGPC 5.1, IGPC 5.2, IGPC 5.3, IGPC 6.1, IGPC 6.2, IGPC 6.3, IGPC 10.1, IGPC 10.2, IGPC 10.3, IPC 1.1, IPC 1.2, IPC 2.1, IPC 2.2, IPC 3.1, IPC 3.2, IPC 4.1, IPC 4.2, IPC 8.1, IPC 8.2.

1.3. Requirements to the deliverables of mastering the discipline

As a result of completing the discipline, the student should

Know:

- bases of ethics and deontology;
- the structure of medical organizations, the basic rules of conduct and regime;
- the specifics of the organization of work of junior and middle medical personnel in medical institutions;
- the main stages of the work of a procedural nurse;
- methods of sanitary and educational work;
- features of monitoring and caring for patients with diseases of various body systems (pathology of the broncho-pulmonary system, cardiovascular, gastrointestinal tract, urinary system);
- methods of carrying out urgent measures;
- types of fevers;
- methods and types of nutrition of patients depending on the severity and type of pathology;
- basics of cardiopulmonary resuscitation.

Be able to:

- disinfect hands according to generally accepted rules;
- perform manipulations of a procedural nurse;
- assess the patient's condition to make a decision on the need to provide him with medical care;
- apply various methods of administering drugs;
- carry out disinfection, pre-sterilization preparation of medical instruments, materials and means of patient care;
- provide first aid in case of emergency;
- to carry out resuscitation in the event of clinical death;
- apply the legal and medical aspects of ascertaining the death of a person.

Possess:

- skills in caring for patients, taking into account their age, nature and severity of the disease, including for seriously ill and agonizing patients;
- providing emergency care to patients;
- apply various methods of administering drugs;
- maintaining proper medical documentation

2. Position of the academic discipline in the structure of the General Educational Program of Higher Education (GEP HE) of the organization.

2.1. The discipline **ASSISTANT OF TREATMENT NURSE** refers to the core part (or *the part*

formed by the participants of educational relations) of Block 2 of GEP HE specialty 31.05.01 "General Medicine".

The discipline is taught in 6 semester/3 year of study.

2.2. The following knowledge, skills and abilities formed by previous academic disciplines are required for mastering the discipline:

Chemistry, Bioorganic Chemistry, Biology, Anatomy, Bioethics, Nursing, Teaching Practice: Medical and Surgical Nursing, Nursing, Microbiology, Pathological Anatomy, Pathological Physiology, Pharmacology, Propaedeutics of Internal Medicine, General Surgery

2.3. Mastering the discipline is required for forming the following knowledge, skills and abilities for subsequent academic disciplines:

Faculty therapy, Faculty surgery, Occupational diseases; Hospital therapy, Endocrinology; Polyclinic therapy; Practice "Physician's assistant" and "Physician's assistant in an outpatient clinic"

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

		The content of the	Code and name of the	As a result of r	nastering the disudents should:	cipline, the
№	Competen ce code	competence (or its part)	competence acquisition metric	know	be able to	possess
1.	UC-1	Be able to carry out a critical analysis of problem situations based on a systematic approach, develop an action strategy	IUC 1.1, IUC 1.2, IUC 1.3	The methods of critical analysis and evaluation of modern scientific achievements; basic principles of critical analysis	To receive 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	To research of the problem of professional activity using analysis, synthesis and other methods of intellectual activity; developing an action strategy to solve professional problems
2.	GPC-1	Be able to implement moral and legal norms, ethical and deontological	IGPC 1.1, IGPC 1.2, IGPC 1.3,	Foundations of medical ethics and deontology; fundamentals of legislation in the	To apply ethical standards and principles of behavior of a	Practical experience: solving standard problems of

	T	I	1	I	I	1
		principles in		field of	medical	professional
		professional		healthcare; legal	worker in the	activity
		activities		aspects of	performance	based on
				medical practice	of their	ethical norms
					professional	and
					duties;	deontological
					knowledge of	principles
					modern	when
					legislation in	interacting
					the field of	with
					healthcare in	colleagues
					solving	and patients
					problems of	(their legal
					professional	representativ
					activity;	es),
					apply the	knowledge of
					rules and	the legal
					norms of	aspects of
					interaction	medical
					between a	practice
					doctor and	
					colleagues	
					and patients	
					(their legal	
					representativ	
					es)	
3.	GPC-4	Be able to use	IGPC 4.1,	The	To take	Practical
3.	GPC-4	medical devices	IGPC 4.2,	methodology for	complaints,	experience:
3.	GPC-4	medical devices provided for by the		methodology for collecting an	complaints, anamnesis of	experience: collecting
3.	GPC-4	medical devices provided for by the order of medical	IGPC 4.2,	methodology for collecting an anamnesis of life	complaints, anamnesis of life and	experience: collecting complaints,
3.	GPC-4	medical devices provided for by the order of medical care, as well as	IGPC 4.2,	methodology for collecting an anamnesis of life and diseases,	complaints, anamnesis of life and disease in	experience: collecting complaints, anamnesis of
3.	GPC-4	medical devices provided for by the order of medical care, as well as conduct	IGPC 4.2,	methodology for collecting an anamnesis of life and diseases, complaints from	complaints, anamnesis of life and disease in patients (their	experience: collecting complaints, anamnesis of life and
3.	GPC-4	medical devices provided for by the order of medical care, as well as conduct examinations of the	IGPC 4.2,	methodology for collecting an anamnesis of life and diseases, complaints from patients (their	complaints, anamnesis of life and disease in patients (their legal	experience: collecting complaints, anamnesis of life and disease in
3.	GPC-4	medical devices provided for by the order of medical care, as well as conduct examinations of the patient in order to	IGPC 4.2,	methodology for collecting an anamnesis of life and diseases, complaints from patients (their legal	complaints, anamnesis of life and disease in patients (their legal representativ	experience: collecting complaints, anamnesis of life and disease in patients
3.	GPC-4	medical devices provided for by the order of medical care, as well as conduct examinations of the patient in order to establish a	IGPC 4.2,	methodology for collecting an anamnesis of life and diseases, complaints from patients (their legal representatives);	complaints, anamnesis of life and disease in patients (their legal representativ es), identify	experience: collecting complaints, anamnesis of life and disease in patients (their legal
3.	GPC-4	medical devices provided for by the order of medical care, as well as conduct examinations of the patient in order to	IGPC 4.2,	methodology for collecting an anamnesis of life and diseases, complaints from patients (their legal representatives); method of	complaints, anamnesis of life and disease in patients (their legal representativ es), identify risk factors	experience: collecting complaints, anamnesis of life and disease in patients (their legal representativ
3.	GPC-4	medical devices provided for by the order of medical care, as well as conduct examinations of the patient in order to establish a	IGPC 4.2,	methodology for collecting an anamnesis of life and diseases, complaints from patients (their legal representatives); method of examination and	complaints, anamnesis of life and disease in patients (their legal representativ es), identify risk factors and causes of	experience: collecting complaints, anamnesis of life and disease in patients (their legal representativ es),
3.	GPC-4	medical devices provided for by the order of medical care, as well as conduct examinations of the patient in order to establish a	IGPC 4.2,	methodology for collecting an anamnesis of life and diseases, complaints from patients (their legal representatives); method of examination and physical	complaints, anamnesis of life and disease in patients (their legal representativ es), identify risk factors and causes of the	experience: collecting complaints, anamnesis of life and disease in patients (their legal representativ es), identifying
3.	GPC-4	medical devices provided for by the order of medical care, as well as conduct examinations of the patient in order to establish a	IGPC 4.2,	methodology for collecting an anamnesis of life and diseases, complaints from patients (their legal representatives); method of examination and physical examination;	complaints, anamnesis of life and disease in patients (their legal representativ es), identify risk factors and causes of the development	experience: collecting complaints, anamnesis of life and disease in patients (their legal representativ es), identifying risk factors
3.	GPC-4	medical devices provided for by the order of medical care, as well as conduct examinations of the patient in order to establish a	IGPC 4.2,	methodology for collecting an anamnesis of life and diseases, complaints from patients (their legal representatives); method of examination and physical examination; clinical picture,	complaints, anamnesis of life and disease in patients (their legal representativ es), identify risk factors and causes of the development of diseases;	experience: collecting complaints, anamnesis of life and disease in patients (their legal representativ es), identifying risk factors and causes of
3.	GPC-4	medical devices provided for by the order of medical care, as well as conduct examinations of the patient in order to establish a	IGPC 4.2,	methodology for collecting an anamnesis of life and diseases, complaints from patients (their legal representatives); method of examination and physical examination; clinical picture, diagnostic	complaints, anamnesis of life and disease in patients (their legal representativ es), identify risk factors and causes of the development of diseases; apply	experience: collecting complaints, anamnesis of life and disease in patients (their legal representativ es), identifying risk factors and causes of diseases;
3.	GPC-4	medical devices provided for by the order of medical care, as well as conduct examinations of the patient in order to establish a	IGPC 4.2,	methodology for collecting an anamnesis of life and diseases, complaints from patients (their legal representatives); method of examination and physical examination; clinical picture, diagnostic methods of the	complaints, anamnesis of life and disease in patients (their legal representativ es), identify risk factors and causes of the development of diseases; apply methods of	experience: collecting complaints, anamnesis of life and disease in patients (their legal representativ es), identifying risk factors and causes of diseases; examination
3.	GPC-4	medical devices provided for by the order of medical care, as well as conduct examinations of the patient in order to establish a	IGPC 4.2,	methodology for collecting an anamnesis of life and diseases, complaints from patients (their legal representatives); method of examination and physical examination; clinical picture, diagnostic methods of the most common	complaints, anamnesis of life and disease in patients (their legal representatives), identify risk factors and causes of the development of diseases; apply methods of examination	experience: collecting complaints, anamnesis of life and disease in patients (their legal representativ es), identifying risk factors and causes of diseases; examination and physical
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3.	GPC-4	medical devices provided for by the order of medical care, as well as conduct examinations of the patient in order to establish a	IGPC 4.2,	methodology for collecting an anamnesis of life and diseases, complaints from patients (their legal representatives); method of examination and physical examination; clinical picture, diagnostic methods of the most common diseases; methods of laboratory and	complaints, anamnesis of life and disease in patients (their legal representatives), identify risk factors and causes of the development of diseases; apply methods of examination and physical examination of patients;	experience: collecting complaints, anamnesis of life and disease in patients (their legal representativ es), identifying risk factors and causes of diseases; examination and physical examination of patients; diagnosis of
3.	GPC-4	medical devices provided for by the order of medical care, as well as conduct examinations of the patient in order to establish a	IGPC 4.2,	methodology for collecting an anamnesis of life and diseases, complaints from patients (their legal representatives); method of examination and physical examination; clinical picture, diagnostic methods of the most common diseases; methods of laboratory and instrumental	complaints, anamnesis of life and disease in patients (their legal representatives), identify risk factors and causes of the development of diseases; apply methods of examination and physical examination of patients; interpret the	experience: collecting complaints, anamnesis of life and disease in patients (their legal representativ es), identifying risk factors and causes of diseases; examination and physical examination of patients; diagnosis of the most
3.	GPC-4	medical devices provided for by the order of medical care, as well as conduct examinations of the patient in order to establish a	IGPC 4.2,	methodology for collecting an anamnesis of life and diseases, complaints from patients (their legal representatives); method of examination and physical examination; clinical picture, diagnostic methods of the most common diseases; methods of laboratory and instrumental studies for	complaints, anamnesis of life and disease in patients (their legal representatives), identify risk factors and causes of the development of diseases; apply methods of examination and physical examination of patients; interpret the results of the	experience: collecting complaints, anamnesis of life and disease in patients (their legal representativ es), identifying risk factors and causes of diseases; examination and physical examination of patients; diagnosis of the most common
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3.	GPC-4	medical devices provided for by the order of medical care, as well as conduct examinations of the patient in order to establish a	IGPC 4.2,	methodology for collecting an anamnesis of life and diseases, complaints from patients (their legal representatives); method of examination and physical examination; clinical picture, diagnostic methods of the most common diseases; methods of laboratory and instrumental studies for assessing the state of health,	complaints, anamnesis of life and disease in patients (their legal representatives), identify risk factors and causes of the development of diseases; apply methods of examination and physical examination of patients; interpret the results of the examination and physical	experience: collecting complaints, anamnesis of life and disease in patients (their legal representativ es), identifying risk factors and causes of diseases; examination and physical examination of patients; diagnosis of the most common diseases; identification
3.	GPC-4	medical devices provided for by the order of medical care, as well as conduct examinations of the patient in order to establish a	IGPC 4.2,	methodology for collecting an anamnesis of life and diseases, complaints from patients (their legal representatives); method of examination and physical examination; clinical picture, diagnostic methods of the most common diseases; methods of laboratory and instrumental studies for assessing the	complaints, anamnesis of life and disease in patients (their legal representatives), identify risk factors and causes of the development of diseases; apply methods of examination and physical examination of patients; interpret the results of the examination	experience: collecting complaints, anamnesis of life and disease in patients (their legal representativ es), identifying risk factors and causes of diseases; examination and physical examination of patients; diagnosis of the most common diseases;

conducting diagnose the major studies, rules for most cancers; interpreting their common formulating a results: pathology in preliminary international diagnosis, patients; identify risk drawing up a statistical classification of factors for plan for diseases and cancer: instrumental, related health formulate a laboratory, problems (ICD); preliminary additional conditions diagnosis, studies, consultations requiring draw up a emergency with plan for medical care; the conducting specialist procedure for the laboratory, doctors; use of medical instrumental referral of devices in and patients for accordance with additional instrumental, studies in the current laboratory, procedures for patients in additional the provision of accordance studies. medical, clinical consultations with the recommendation procedures of medical for providing specialists in s (treatment medical care, accordance protocols) on the provision of clinical with the medical care, recommendat current care, taking into ions, taking procedures account the into account for the standards of the standards provision of medical care of medical medical care, clinical care; refer patients for recommendat laboratory, ions, taking instrumental into account and the standards additional of medical studies in care: accordance interpretation of data from with the additional current procedures (laboratory for the and provision of instrumental) medical care, examinations clinical of patients; recommendat making a preliminary ions, taking into account diagnosis in the standards accordance of medical with the care; refer international

			patients for	statistical
			consultations	classification
			to specialist	of diseases
			doctors in	and related
			accordance	health
			with the	problems
			procedures	(ICD);
			for providing	carrying out
			medical care,	differential
			clinical	diagnostics
			recommendat	of diseases;
			ions, taking	recognition
			into account	of conditions
			the standards	arising from
			of medical	sudden acute
			care;	diseases,
			interpret and	exacerbation
			analyze the	of chronic
			results of	diseases
			consultations	without
			with patients'	obvious signs
			specialists;	of a threat to
			interpret and	the patient's
			analyze the	life and
			results of	requiring
			basic	emergency
			(clinical) and	medical care;
			additional	the use of
			(laboratory,	medical
			instrumental)	devices in
			examination	accordance
			methods; to	with the
			carry out	current
			differential	procedures
			diagnostics	for the
			of diseases in	provision of
			patients;	medical,
			identify	clinical
			clinical signs	recommendat
			of sudden	ions
			acute	(treatment
			diseases,	protocols) on
			conditions,	the provision
			exacerbations	of medical
			of chronic	care,
			diseases	assistance
			without	taking into
			obvious signs	account the
			of a threat to	standards of
			life, requiring	medical care
			emergency	medical cale
			medical care;	
<u></u>	1		medical care,	

4. GPC-5		IGPC 5.1, IGPC 5.2, IGPC 5.3	Be able to assess morphofunctiona l, physiological conditions and pathological processes in the human body to solve professional problems	apply medical devices in accordance with the current procedures for the provision of medical, clinical recommendat ions (treatment protocols) on the provision of medical care, care, taking into account the standards of medical care To evaluate the main morphofuncti onal data, physiological conditions and pathological processes in the human body	Practical experience: assessment of basic morphologic al and functional data, physiological conditions and pathological processes in the human body in solving professional problems
5. GPC- 6	Be able to organize patient care, provide primary health care, ensure the organization of work and the adoption of professional decisions in emergency	IGPC 6.1, IGPC 6.2, IGPC 6.3	The methodology for collecting complaints and anamnesis from patients (their legal representatives); methods of physical	To recognize conditions requiring emergency medical care, including in emergency situations, epidemics and in areas	Assessment of a condition requiring emergency medical care, including in emergency situations, epidemics
	conditions at the prehospital stage, in		examination of patients	of mass destruction,	and in centers of

emergency (examination, requiring mass situations, emergency destruction; palpation, epidemics and in medical care; percussion, recognition centers of mass auscultation); organize the of conditions destruction principles and work of that pose a methods of medical threat to life, providing personnel in including the medical care to emergency state of patients in situations, in clinical death emergencies, in emergency (stoppage of emergency situations, vital situations, epidemics functions of epidemics and in and in the the human areas of mass centers of body (blood destruction in circulation mass accordance with destruction; and (or) the procedures provide respiration), for providing emergency requiring medical care. medical care emergency to patients in clinical medical care; recommendation conditions provision of s, taking into that pose a emergency medical care account the threat to the standards of life of to patients in patients, conditions medical care; clinical signs of including that pose a major medical threat to the clinical death emergencies; life of (stopping the principles of vital patients, medical functions of including evacuation in the human clinical death body (blood (stopping the emergency vital situations, circulation epidemics and in and (or) functions of the centers of respiration); the human mass use body (blood circulation destruction; medicines principles of and medical and (or) work in the devices in the respiration); centers of mass provision of the use of destruction; medical care drugs and principles of in emergency medical organization of conditions: devices in patient care, perform basic the provision provision of cardiopulmo of medical primary health care in nary care resuscitation; emergencies use personal and protective epidemics; equipment; the use of organize personal patient care, protective

6.	GPC -10	Be able to solve standard tasks of	IGPC 10.1, IGPC 10.2,	The possibilities of reference and	provide primary health care To apply modern	equipment; organization of patient care, provision of primary medical - health care the use of modern
		professional activity using information, bibliographic resources, biomedical terminology, information and communication technologies, taking into account the basic requirements of information security	IGPC 10.3	information systems and professional databases; methods of information search, information and communication technologies; modern medical and biological terminology; basics of information security in professional activity	information and communicati on technologies to solve the problems of professional activity; to carry out an effective search for information necessary to solve the problems of professional activity using reference systems and professional databases; use modern medical and biological terminology; master and apply modern information and communicati on technologies in professional activities, taking into account the basic requirements of information	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

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					security
7.	IPC-1	Be able to assess	IPC 1.1,	The etiology,	To identify
		the condition of a	IPC 1.2	pathogenesis and	clinical signs
		patient requiring		pathomorpholog	of conditions
		emergency or		y, clinical	requiring
		emergency medical		picture,	emergency or
		care		differential	emergency
				diagnosis, course	medical care
				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	
				assessing the	
				condition, the	
				main medical	
				indications for	
				conducting	
				research and	
				interpreting the	
				results in	
				patients	
				requiring	
				medical care in	
				emergency or	
				emergency	
				forms	
8.	PC-2	Be able to	IPC 2.1,	The etiology,	To identify
		recognize	IPC 2.2	pathogenesis and	clinical signs
		conditions arising		pathomorpholog	of conditions
		from sudden acute		y, clinical	requiring
		illnesses,		picture,	emergency
		exacerbation of		differential	medical care;
		chronic diseases		diagnosis, course	identify
		without obvious		features,	conditions
		signs of a threat to		complications	requiring
		the patient's life and		and outcomes of	emergency

requiring emergency medical care, to recognize conditions that threaten the patient's life, including conditions of clinical death (stopping the vital functions of the human body (circulation and / or breathing), requiring medical attention in an emergency form 9. PC-3 Able to provide emergency medical care to patients in case of sudden acute diseases, conditions, exacerbation of chronic diseases without obvious signs of a threat to the patient's life, to provide emergency medical care to patients in conditions that threaten the patient's life, to provide emergency medical care to patients in conditions that threaten the patient's life, to provide emergency medical care to patients in conditions that threaten the patient's life, to provide emergency medical care to patients in conditions that threaten the patient's life, to provide emergency medical care to patients in conditions that threaten the patient's life, to provide emergency medical care to patients in conditions that threaten the patient's life, to provide emergency medical care to patients in conditions that threaten the patient's life, to provide emergency medical care to patients in conditions that threaten the patient's life, to provide emergency medical care to patients in conditions that threaten the patient's life, to provide emergency medical care to patients in conditions that threaten the patient's life, to provide emergency medical care to patients in conditions that threaten the patient's life, to provide emergency medical care to patients in conditions that threaten the patient's life, to provide emergency medical care to patients in condition provide e							
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conditions that threaten the patient's life, including conditions of clinical death (stopping the vital function of the human body (circulation and / or breathing), requiring medical attention in an emergency form 9. PC-3 Able to provide emergency medical care to patients in case of sudden acute diseases, conditions, exacerbation of chronic diseases without obvious signs of a threat to the patient's in conditions that threaten the conditions and anamanesis from patients (their legal representatives); methods of physical examination of patients in case to patients in conditions that threaten the conditions and anamanesis from patients (their legal anamanesis from patients); methods of patients in examination, papation, percussion, auscultation; and breathing representatives; methods of examination, papation, percussion, auscultation; and breathing representatives; methods of examination, papation, percussion, auscultation; and breathing representatives; methods of samination, papation, percussion, auscultation; and breathing representatives; and breathing anamanesis from patients (examination, papation, percussion			emergency medical		internal organs;	including	
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9. PC-3 Able to provide emergency medical care to patients in case of sudden acute diseases, conditions, exacerbation of chronic diseases without obvious signs of a threat to the patient's life, to provide emergency medical care to patients in conditions that threaten the					and/or		
9. PC-3 Able to provide emergency medical care to patients in case of sudden acute diseases, conditions, exacerbation of chronic diseases without obvious signs of a threat to the patient's life, to provide emergency medical care to patients in conditions that threaten the					respiration		
emergency medical care to patients in case of sudden acute diseases, conditions, exacerbation of chronic diseases without obvious signs of a threat to the patient's life, to provide emergency medical care to patients in conditions that threaten the	9.	PC-3	Able to provide	IPC 3.1,	-	To carry out	
care to patients in case of sudden acute diseases, conditions, exacerbation of chronic diseases without obvious signs of a threat to the patient's life, to provide emergency medical care in urgent and emergency devices for external electroimpulse threaten the cardiopulmonary resuscitation; medical care in urgent and emergency forms; basic cardiopulmo medical care in urgent and emergency forms; basic cardiopulmo medical care in urgent and emergency forms; basic cardiopulmo meterory forms; basic cardiopulmo meterory resuscitation in combination with electrical impulse therapy			<u> </u>	,		•	
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		including clinical		case of sudden	n)
		death (suspension		cessation of	
		of vital functions		blood circulation	
		the human body		and / or	
		(circulation and/or		respiration	
		respiration)		1	
10.	PC-4	Be able to use	IPC 4.1,	The modern	To prescribe
		medicines and	IPC 4.2	methods of using	medicines,
		medical devices in		medicines,	medical
		the provision of		medical devices	devices,
		medical care in		for diseases and	taking into
		emergency or		conditions in	account the
		urgent forms		accordance with	diagnosis,
				the current	age and
				procedures for	clinical
				the provision of	picture of the
				medical care,	disease in
				clinical	accordance
				recommendation	with the
				s (treatment	current
				protocols) on the	procedures
				provision of	for the
				medical care,	provision of
				taking into	medical care,
				account the	clinical
				standards of	guidelines
				medical care in	(treatment
				the provision of	protocols) on
				medical care in	the provision
				emergency or	of medical
				urgent forms;	care in
					emergency or
					urgent forms
11.	PC-8	Be able to make	IPC 8.1,	The modern	To make a
		disease treatment	IPC 8.2	methods of using	treatment
		plan		medicines,	plan for the
		or states and assign		medical devices	disease and
		medications,		and clinical	the patient's
		medical products,		nutrition for	condition,
		medical nutrition		diseases and	taking into
		and		conditions in a	account the
		non-drug treatment		patient in	diagnosis, the
		based on diagnosis,		accordance with	age of the
		age		the current	patient, the
		and clinical picture		procedures for	clinical
		in According to		the provision of	picture of the disease in
		According to		medical care, clinical	accordance
		current procedures for the provision of			with the
		medical		guidelines (treatment	current
		care, clinical		protocols) on the	procedures
		recommendations		provision of	for the
		recommendations		brovigion or	101 1110

(treatment protocols) issues of medical care from standards medical care and evaluate the effectiveness and application safety medicines, medical products, medical nutrition and other treatments

medical care, taking into account the standards of medical care; the mechanism of action of drugs, medical products and medical nutrition. medical indications and contraindications to their use; complications caused by their use: modern methods of nondrug treatment of diseases and conditions in a patient in accordance with the current procedures for the provision of medical care, clinical recommendation s (treatment protocols) on the provision of medical care, taking into account the standards of medical care; mechanism of action of nondrug treatment; medical indications and contraindications to its appointment; side effects, complications caused by its use

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

age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical recommendat ions (treatment protocols) on the provision of medical care, taking into account the standards of medical care; evaluate the effectiveness and safety of the use of medicines, medicial devices and clinical nutrition			
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4. Sections of the academic discipline and competencies that are formed when mastering them

№	Competence code	Section name of the discipline	The content of the section in teaching units
1	UC-1, GPC-1, GPC-4, GPC- 5, GPC-6, GPC-10, PC- 1, PC-2, PC-3, PC-4, PC-8	Organization of the work of a treatment nurse and arrangement of a treatment room	Organization, structure and schedule of the treatment room. Rules for disinfection, pre-sterilization treatment, sterilization of medical instruments and materials, treatment of walls and furniture of the treatment room Prevention of HIV infection, treatment of the skin and mucous membranes in case of contact with the blood of HIV-infected patients The procedure for dispensing drugs from a pharmacy. Rules for the storage of various types of drugs. Rules for dealing with narcotic substances.
	UC-1, GPC-1, GPC-4, GPC- 5, GPC-6,	Carrying out diagnostic and therapeutic procedures,	Rules for measuring blood pressure, the method of counting the pulse. ECG recording Methods of drug administration. Carrying out subcutaneous, intravenous, intramuscular injections.

GPC-10, PC-	preparing patients	Preparation of the patient for x-ray, endoscopic examination,	
1, PC-2, PC-3,	for various	ultrasound of the abdominal organs, for the study of feces for occult	
PC-4, PC-8	research methods	blood. Rules for taking feces to the "disgroup".	
10 ., 10 0		Types and technique of staging various types of enemas.	
		Rules for taking a smear from the pharynx, sputum and pleural	
		punctate for research on MT and microflora.	
		Rules for collecting urine for general analysis. Rules for collecting	
		urine for research on microflora and sensitivity to antibiotics.	
		Bladder catheterization technique.	
		Getting blood type using ABO-system, Rhesus factor using express	
		method, blood samples to define the compatibility of receivers and	
		donors. Estimating blood capability for transfusion	
		Emergency first aid for an attack of bronchial asthma, anaphylactic	
		shock, Quincke's edema.	
		Emergency first aid for pulmonary edema, hypertensive crisis,	
UC-1, GPC-1,		angina attack.	
GPC-4, GPC-		Emergency first aid for nasal, pulmonary, gastric, intestinal	
5, GPC-6,	The emergency	bleeding.	
GPC-10, PC-	The emergency first aid	Emergency first aid in case of poisoning. First aid for vomiting.	
,	ilist alu	Gastric lavage and taking of washing water for research.	
1, PC-2, PC-3,		Emergency first aid for high fever, convulsive syndrome.	
PC-4, PC-8		Emergency first aid for fainting, collapse.	
		Emergency first aid for the bite of a bee, wasp, snake, tick.	
		Emergency first aid for electric shock, drowning	
		Basic rules of CPR	

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

Type of educational work		ntensity	Labor intensity (AH) in semesters
	volume in	volume in	-
	credit units	academic	6
	(CU)	hours (AH)	
Classroom work, including			
Lectures (L)			
Laboratory practicum (LP)*			
Practicals (P)	2.5	90	90
Seminars (S)			
Student's individual work (SIW)			
Mid-term assessment			
credit/exam (specify the type)			
TOTAL LABOR INTENSITY	2.5	90	90

6. Content of the academic discipline

6.1. Sections of the discipline and types of academic work

№	Name of the section of the	Types of academic work* (in AH)					
	academic discipline	L	LP	P	S	SIW	total
1	Organization of the work of a treatment nurse and arrangement of a treatment room			18			
2	Carrying out diagnostic and therapeutic procedures, preparing patients for various research methods			32			
3	The emergency first aid			40			

TOTAL		90		

- * L lectures; LP laboratory practicum; P practicals; S seminars; SIW student's individual work.

 - 6.2. Thematic schedule of educational work types:6.2.1 Thematic schedule of lectures not stipulated
- 6.2.2. The thematic plan of laboratory practicums (if this type of classes is stipulated in the curriculum) – not stipulated

6.2.3. Thematic plan of practicals

No	Name of the topics of practicals	Volume in AH
		Semester 6
1	Organization, structure and schedule of the treatment room. Rules for disinfection, pre-sterilization treatment, sterilization of medical instruments and materials, treatment of walls and furniture of the treatment room	6
2	Prevention of HIV infection, treatment of the skin and mucous membranes in case of contact with the blood of HIV-infected patients	6
3	The procedure for dispensing drugs from a pharmacy. Rules for the storage of various types of drugs. Rules for dealing with narcotic substances	6
4	Rules for measuring blood pressure, the method of counting the pulse. ECG recording	4
5	Methods of drug administration. Carrying out subcutaneous, intravenous, intramuscular injections.	6
6	Preparation of the patient for x-ray, endoscopic examination, ultrasound of the abdominal organs, for the study of feces for occult blood. Rules for taking feces to the "disgroup".	4
7	Types and technique of staging various types of enemas.	
8	Rules for taking a smear from the pharynx, sputum and pleural punctate for research on MT and microflora	
9	Rules for collecting urine for general analysis. Rules for collecting urine for research on microflora and sensitivity to antibiotics. Bladder catheterization technique.	6
10	Getting blood type using ABO-system, Rhesus factor using express method, blood samples to define the compatibility of receivers and donors. Estimating blood capability for transfusion	4
11	Emergency first aid for an attack of bronchial asthma, anaphylactic shock, Quincke's edema.	6
12	Emergency first aid for pulmonary edema, hypertensive crisis, angina attack.	6
13	Emergency first aid for nasal, pulmonary, gastric, intestinal bleeding.	4
14	Emergency first aid in case of poisoning. First aid for vomiting. Gastric lavage and taking of washing water for research.	6
15	Emergency first aid for high fever, convulsive syndrome.	4
16	Emergency first aid for fainting, collapse.	2

17	Emergency first aid for the bite of a bee, wasp, snake, tick.	2
18	Emergency first aid for electric shock, drowning	4
19	Basic rules of CPR	6
	TOTAL (total - AH)	90

- 6.2.4. Thematic plan of seminars (if this type of classes is stipulated in the curriculum) not stipulated
 - 6.2.5. Types and topics of student's individual work (SIW) not stipulated

7. Types of assessment formats for ongoing monitoring and mid-term assessment

		<i>.</i> .		is for ongoing in	9	Assessmen		
No	Se mes ter No.	Types of	control	Name of section of academic discipline	Competence codes	types	number of test questions	number of test task options
1.		Current monito ring	Control of mastering the topic	Organization of the work of a treatment nurse and arrangement of a treatment room Carrying out diagnostic and therapeutic procedures, preparing patients for various research methods The emergency first aid	UC-1, GPC-1, GPC-4, GPC-5, GPC-6, GPC-10, PC-1, PC-2, PC-3, PC-4, PC-8	Individu al survey	51215	
2.		Mid- term assess ment	Exam/ Credit			Testing, individu al survey	32	40

8. Educational, methodological and informational support for mastering the academic discipline (printed, electronic publications, the Internet and other network resources)

8.1. Key literature references

№	Name according to bibliographic requirements	Number of copies	
		at the department	in the library
1	General care of a patient. Manual. Part 1. Oslopov VN, Bogoyavlenskaya OV, Samerkhanova LC. Kazan. KGMU 2005. – 107 p.	9	-
2	General care of a patient. Manual. Part 2. Oslopov VN, Bogoyavlenskaya OV, Samerkhanova LC.	9	-

	Kazan. KGMU 2005. – 115 p.		
3	Nursing: student's book / T. Grice; Grice Tony. –	-	30
	New York; Oxford University Press, 2007. –		
	135c		

8.2. Further reading

No	Name according to bibliographic requirements	Number	of copies
		at the department	in the library
1	Fundamental of nursing procedure manual for PCL course. Khadka S, Sharma CK, Giri M, Uprety B. JICA. Japan. – 2008. – 182 p.	7	-
2	Patients care with internal diseases. Course of training practice. Smirnova A.Yu., Gnoevykh V.V. Ulyanovsk. – 2015. – 114.	5	-
3	General Care of a Patient : tutorial / VN Oslopov, OV Bogoyavlenskaya. – Moskow: GEOTAR-Media, 2019. – 208p	-	1
4	Handbook of Patient Care in Vascular Disease / JM Hallett, DC Brewster David C, Rasmussen Todd E. – 4 th ed. – Lippincott Williams and Wilkins, 2001 – 317p	-	1
5	Nursing the burned patient: "for teaching better patient care" / I.Feller, C.Archambeault; Feller, Irving; Archambeault, Claudella. – Ann Arbor: 1973. – 407p	-	1
6	Critical care nursing science and practice / S. K. Adam, S. Osborne; Adam, Sheila K.; Osborne, Sue 2nd ed New York; London: Oxford University Press, 2006 537 p	-	2
7	Techniques of anaesthesia: With management of the patient and intensive care / J. A. Thornton, C. J. Levy; Thornton, J. A.; Levy, C. J 2nd ed London: Chapman and Hall, 1981 574p	-	1
8	Basics of intensive care: handbook for foreign students / V. Atduev, Nizhny Novgorod State Medical Academy, V. Pichugin [et al.]; Pichugin, V.; Zagainov, V.; Atduev, V.; Safonova A.; Pichugina M.; Nizhny Novgorod State Medical Academy N. Novgorod: Published House of Nizhny Novgorod State Medical Academy, 2009 164 p.	-	6

8.3. Electronic educational resources for teaching academic subjects 8.3.1. Internal Electronic Library System of the University (IELSU)

No	Name of the electronic resource	Brief description (content)	Access conditions	Number of users
1	Internal electronic library system	Proceedings of the teaching staff of the academy: textbooks and manuals, monographs, collections of scientific papers, scientific articles, dissertations, abstracts of dissertations, patents.	computer on the Internet, using an individual login	Unlimited

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8.3.2. Electronic educational resources acquired by the University

No	Name of the electronic resource	Brief description (content)	Access conditions	Number of users
1	Electronic database "Student Advisor"	Educational literature + additional materials (audio, video, interactive materials, test tasks) for higher medical and pharmaceutical education. Editions are structured by specialties and disciplines in accordance with the current Federal State Educational Standards of Higher Professional Education.	From any computer on the Internet, using an individual login and password [Electronic resource] - Access mode: http://www.studm edlib.ru/	General subscription of PRMU
2	Electronic library system "Bukap"	Educational and scientific medical literature of Russian publishing houses, incl. translations of foreign publications. from any computer located on the Internet by login and password, from the computers of the academy.	Subscribed editions are available for reading. [Electronic resource] - Access mode: http://www.books -up.ru/	General subscription of PRMU
3	"Bibliosearch"	Integrated search service "single window" for electronic catalogs, ELS and full-text databases. The results of a single search in the demo version include documents from domestic and foreign electronic libraries and databases available to the university as part of a subscription, as well as from open access databases.	For PRMU, access to the demo version of the Bibliosearch is open: http://bibliosearch .ru/pimu.	General subscription of PRMU

8.3.3 Open access resources

№	Name of the electronic resource	Brief description (content)	Access conditions
1	The brookside associates. Medical and nursing professional education	Medical educational videos	https://brooksidepress.org opened access
2	iMedical School	Medical educational videos	http://www.imedical.school opened access
4	Lecturio Medical Video	Video Lessons, Quiz Questions for medical students	http://lectur.io/createyourfreeac count Открытый доступ

9. Material and technical support for mastering an academic discipline

9.1. List of premises for classroom activities for the discipline

Clinical Hospital No. 13 of the Avtozavodsky district of city Nizhny Novgorod

Hospitals and hospitals of countries from which FMM students came to study in Russia, with a letter of guarantee from the relevant medical institution

- 9.2. List of equipment for classroom activities for the discipline
- 1. Modern simulators (for injections, bladder catheterization, enemas, resuscitation)
- 2. Medical records: medical history
- 3. Pocket inhalers.
- 4. Tonometers.
- 5. Phonendoscopes. Stethoscopes.
- 6. Electrocardiograph
- 7. Treatment rooms of the therapeutic and surgical departments of hospitals.
- 10. Tools and equipment for collecting blood, urine, feces
- 12. Medicines for first aid in emergency and life-threatening conditions.
- 13. Containers for collecting feces, urine and sputum
- 14. AED (automated external defibrillator)

9.3. A set of licensed and freely distributed software, including domestic production

	Software	number	Type of software	Manufacture	Number in	Contract No.
Ite	Soltware	of	Type of software	r	the unified	and date
m		licenses		_	register of	
no.		neenses			Russian	
110.					software	
1	Wtware	100	Thin Client Operating System	Kovalev Andrey Alexandrovic	1960	2471/05-18 from 28.05.2018
2	MyOffice is Standard. A corporate user license for educational organizations, with no expiration date, with the right to receive updates for 1 year.	220	Office Application	LLC "NEW CLOUD TECHNOLO GIES"	283	without limitation, with the right to receive updates for 1 year.
3	LibreOffice		Office Application	The Document Foundation	Freely distributed software	
4	Windows 10 Education	700	Operating systems	Microsoft	Azure Dev Tools for Teaching Subscriptio n	
5	Yandex. Browser		Browser	«Yandex»	3722	
6	Subscription to MS Office Pro for 170 PCs for FGBOU VO "PIMU" of the Ministry of Health of Russia	170	Office Application	Microsoft		23618/HN100 30 LLC "Softline Trade" from 04.12.2020

10. List of changes to the working program (to be filled out by the template)

Federal State Budgetary Educational Institution of Higher Education "Privolzhsky Research Medical University" Ministry of Health of the Russian Federation (FSBEI HE "PRMU" of the Ministry of Health of Russia)

Department of
Name of the department

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