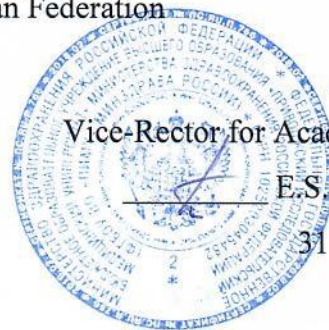


Federal State Budgetary Educational Institution of Higher Education
"Privolzhsky Research Medical University"
Ministry of Health of the Russian Federation



APPROVED

Vice-Rector for Academic Affairs

E.S. Bogomolova

31 August 2021

WORKING PROGRAM

Name of the academic discipline (practice): **ASSISTANT OF THE ROOM AND PROCEDURAL NURSE**

Specialty: **31.05.03 DENTISTRY**
(code, name)

Qualification: **DOCTOR - DENTIST**

Department: **ENDOCRINOLOGY AND INTERNAL MEDICINE**

Mode of study: **FULL-TIME**

Labor intensity of the academic discipline: **144 academic hours**

Nizhny Novgorod
2021

The working program has been developed in accordance with the Federal State Educational Standard for the specialty 31.05.01 GENERAL MEDICINE, approved by Order of the Ministry of Science and Higher Education of the Russian Federation No. 984 of August 12, 2020.

Developers of the working program:

Lychagina Alla Olegovna, MD, PhD, assistant of professor of the Department of Endocrinology and Internal Medicine

The program was reviewed and approved at the department meeting Endocrinology and internal medicine (protocol No. 9, of April 15, 2021)

Head of the Department,

MD, PhD, Associate professor



Pochinka Iliya Grigirievich

(signature)

April 15, 2021

AGREED

Deputy Head of EMA ph.d. of biology



Lovtsova L.V.

(signature)

April 15, 2021

1. The purpose and objectives of mastering the academic discipline THE ASSISTANT OF THE ROOM AND PROCEDURAL NURSE (hereinafter – the discipline):

1.1. The purpose of mastering the discipline: *participation in forming the relevant competencies UC-1, UC-6, UC-8, GPC-1, GPC-4, GPC-5, GPC-6, GPC-10, PC-1, PC-2, PC-3, PC-4.*

1.2. Tasks of the discipline:

master the following competencies IUC 1.1, IUC 1.2, IUC 1.3, IUC 6.1, IUC 6.2, IUC 6.3, IUC 8.1, IUC 8.2, IUC 8.3, 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

1.3. Requirements to the deliverables of mastering the discipline

As a result of completing the discipline, the student should

Know:

- operating mode of the reception area
- Rules for the admission of patients in the emergency room of the hospital.
- measures against HIV infection.
- rules for determining vital signs
- the technique of gastric lavage, the use of cleansing enemas
- rules for preparing patients for stomach radiography, gastrofibroscopy, irrigoscopy, sigmoidoscopy, colonoscopy.
- principles of cleaning and disinfection of surfaces in the treatment room
- rules for sterilization of medical instruments and materials
- rights and obligations of medical personnel
- principles of operation of medical equipment
- principles of cleaning and disinfection of the skin of the hands before infusions and injections
- basics of cardiopulmonary resuscitation.
- know the rules of handling the corpse

Be able to:

- fill out documentation
- check for pediculosis
- Sanitize patients
- conduct anthropometric research
- transport patients to departments
- change underwear and bed linen for seriously ill patients.
- provide skin care, prevention of bedsores, care for hair, eyes, ears, oral cavity.
- measure body temperature, record the results in a temperature sheet
- Caring for patients with fever.
- use jars, mustard plasters, compresses, heating pads, ice packs.
- determine the frequency of respiratory movements, pulse rate (by palpation)
- measure blood pressure.
- collect urine and sputum samples for examination
- provide first aid for:
 - a) poisoning;
 - b) stomach and intestinal bleeding;
 - c) nosebleeds;
 - d) hemoptysis, pulmonary bleeding;
 - e) pain in the heart and behind the sternum;
 - e) suffocation.
- Disinfection and sterilization of medical instruments

- evaluate the sterility of the material in the sterilizer
- provide patients with immediate pre-care in case of complications caused by parenteral treatment

- to be able to carry out an indirect heart massage and artificial ventilation of the lungs.

Possess:

- Skills in caring for patients, taking into account their age, nature and severity of the disease, including for seriously ill and agonizing patients.

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 **THE ASSISTANT OF THE ROOM AND PROCEDURAL NURSE** refers to the core part of Block 2 of GEP HE (Academic discipline index).

The discipline is taught in 4 semester/2 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

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

propaedeutics of internal diseases, faculty therapy, faculty surgery, occupational diseases; hospital therapy, endocrinology; polyclinic therapy; production practices "Assistant to a ward nurse", "Assistant to a procedural nurse", "Doctor's assistant" and "Doctor's assistant of 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

№	Competence code	The content of the competence (or its part)	Code and name of the competence acquisition metric	As a result of mastering the discipline, the students should:		
				know	be able to	possess
1.	UC-1	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	methods of critical analysis and evaluation of modern scientific achievements ; basic principles of critical analysis	receive new knowledge based on analysis, synthesis, etc.; collect data on complex scientific problems related to the professional field; search for information	research of the problem of professional activity using analysis, synthesis and other methods of intellectual activity; developing an action strategy to solve professional

					and solutions based on action, experiment and experience	problems
2.	UC-6	Able to define and implement priorities own activities and ways to improve it based self-esteem and education in throughout life	IUC 6.1 IUC 6.2 IUC 6.3	The importance of planning prospective objectives of the activity, taking into account the conditions, means, personal opportunities, stages of career growth, time perspective of the development of activities and labor market requirements; technology and methodology self-esteem; basic principles of self-education and self-education	determine the priorities of professional activity and ways to improve it based on self-assessment; control and evaluate the components of professional activity; plan independent activities in solving professional problems	practical experience: planning your own professional activities and self-development, studying additional educational programs
3.	UC-8	Able to organize patient care, provide primary health care, ensure the organization of work and the adoption of professional decisions in emergency conditions at the prehospital stage, in emergency situations,	IUC 8.1 IUC 8.2 IUC 8.3	factors of harmful influence on vital activity; algorithms of actions in case of emergencies and military conflicts; workplace safety rules	identify dangerous and harmful factors within the framework of the activities carried out, create and maintain safe living conditions in everyday life and in professional activities	participation in planned exercises to develop the rules of conduct for emergencies, first aid; adheres to workplace safety regulations

		epidemics and in centers of mass destruction				
4.	GPC-1	Able to implement moral and legal norms, ethical and deontological principles in professional activities	IGPC 1.1 IGPC 1.2 IGPC 1.3	foundations of medical ethics and deontology; fundamentals of legislation in the field of healthcare; legal aspects of medical practice	apply ethical standards and principles of behavior of a medical 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)	Has practical experience: solving standard problems of professional activity based on ethical norms and deontological principles when interacting with colleagues and patients (their legal representatives) , knowledge of the legal aspects of medical practice
5.	GPC-4	Able to use medical devices provided for by the order of medical care, as well as conduct examinations of the patient in order to establish a diagnosis	IGPC 4.1 IGPC 4.2 IGPC 4.3	Knows the methodology for collecting an anamnesis of life and diseases, complaints from patients (their legal representatives); method of examination and physical examination; clinical picture, diagnostic methods of the most	collect complaints, anamnesis of life and disease in patients (their legal representatives), identify risk factors and causes of the development of diseases; apply methods of examination and physical examination of patients; interpret the results of the examination	Has practical experience: collecting complaints, anamnesis of life and disease in patients (their legal representatives) , identifying risk factors and causes of diseases; examination and physical examination of patients; diagnosis of the most common diseases;

				<p>common diseases; methods of laboratory and instrumental studies for assessing the state of health, medical indications for conducting studies, rules for interpreting their results; international statistical classification of diseases and related health problems (ICD); conditions requiring emergency medical care; the procedure for the use of medical devices in accordance with the current procedures for the provision of medical, clinical recommendations (treatment protocols) on the provision of medical care, care, taking into account the standards of</p>	<p>and physical examination of patients; diagnose the most common pathology in patients; identify risk factors for cancer; formulate a preliminary diagnosis, draw up a plan for conducting laboratory, instrumental and additional studies in accordance with the procedures for providing medical care, clinical recommendations, taking into account the standards of medical care; refer patients for laboratory, instrumental and additional studies in accordance with the current procedures for the provision of medical care, clinical recommendations, taking into account the standards of medical care; refer patients for consultations</p>	<p>identification of risk factors for major cancers; formulating a preliminary diagnosis, drawing up a plan for instrumental, laboratory, additional studies, consultations with specialist doctors; referral of patients for instrumental, laboratory, additional studies, consultations of medical specialists in accordance with the current procedures for the provision of medical care, clinical recommendations, taking into account the standards of medical care; interpretation of data from additional (laboratory and instrumental) examinations of patients; making a preliminary diagnosis in accordance with the international statistical classification of diseases and related health problems</p>
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				<p>medical care</p>	<p>to specialist doctors in accordance with the procedures for providing medical care, clinical recommendations, taking into account the standards of medical care; interpret and analyze the results of consultations with patients' specialists; interpret and analyze the results of basic (clinical) and additional (laboratory, instrumental) examination methods; to carry out differential diagnostics of diseases in patients; identify clinical signs of sudden acute diseases, conditions, exacerbations of chronic diseases without obvious signs of a threat to life, requiring emergency medical care; apply medical devices in accordance with the current</p>	<p>(ICD); carrying out differential diagnostics of diseases; recognition of conditions arising from sudden acute diseases, exacerbation of chronic diseases without obvious signs of a threat to the patient's life and requiring emergency medical care; the use of medical devices in accordance with the current procedures for the provision of medical, clinical recommendations (treatment protocols) on the provision of medical care, assistance taking into account the standards of medical care</p>
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					procedures for the provision of medical, clinical recommendations (treatment protocols) on the provision of medical care, care, taking into account the standards of medical care	
6.	GPC-5	Able to assess morphofunctional, physiological conditions and pathological processes in the human body to solve professional problems	IGPC 5.1 IGPC 5.2 IGPC 5.3	anatomy, histology, embryology, topographic anatomy, physiology, pathological anatomy and physiology of human organs and systems	evaluate the main morphofunctional data, physiological conditions and pathological processes in the human body	Has practical experience: assessment of basic morphological and functional data, physiological conditions and pathological processes in the human body in solving professional problems
7.	GPC-6	Able to organize patient care, provide primary health care, ensure the organization of work and the adoption of professional decisions in emergency conditions at the prehospital stage, in emergency situations, epidemics and in centers of mass destruction	IGPC -6.1 IGPC -6.2 IGPC -6.3	methodology for collecting complaints and anamnesis from patients (their legal representatives); methods of physical examination of patients (examination, palpation, percussion, auscultation); principles and methods of providing medical care to patients in emergencies, in emergency	recognize conditions requiring emergency medical care, including in emergency situations, epidemics and in areas of mass destruction, requiring emergency medical care; organize the work of medical personnel in emergency situations, in emergency situations,	assessment of a condition requiring emergency medical care, including in emergency situations, epidemics and in centers of mass destruction; recognition of conditions that pose a threat to life, including the state of clinical death (stoppage of vital functions of the human body (blood circulation and

				<p>situations, epidemics and in areas of mass destruction in accordance with the procedures for providing medical care, clinical recommendations, taking into account the standards of medical care; clinical signs of major medical emergencies; principles of medical evacuation in emergency situations, epidemics and in the centers of mass destruction; principles of work in the centers of mass destruction; principles of organization of patient care, provision of primary health care</p>	<p>epidemics and in the centers of mass destruction; provide emergency medical care to patients in conditions that pose a threat to the life of patients, including clinical death (stopping the vital functions of the human body (blood circulation and (or) respiration); use medicines and medical devices in the provision of medical care in emergency conditions; perform basic cardiopulmonary resuscitation; use personal protective equipment; organize patient care, provide primary health care</p>	<p>(or) respiration), requiring emergency medical care; provision of emergency medical care to patients in conditions that pose a threat to the life of patients, including clinical death (stopping the vital functions of the human body (blood circulation and (or) respiration); the use of drugs and medical devices in the provision of medical care in emergencies and epidemics; the use of personal protective equipment; organization of patient care, provision of primary medical -health care</p>
8.	GPC-10	<p>Able to solve standard tasks of professional activity using information, bibliographic resources, biomedical terminology,</p>	<p>IGPC 10.1 IGPC 10.2 IGPC 10.3</p>	<p>the possibilities of reference and information systems and professional databases; methods of</p>	<p>apply modern information and communication technologies to solve the problems of professional activity; to</p>	<p>the use of modern information and bibliographic resources, the use of special software and automated information</p>

		information and communication technologies, taking into account the basic requirements of information security		information search, information and communication technologies; modern medical and biological terminology; basics of information security in professional activity	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 communication technologies in professional activities, taking into account the basic requirements of information security	systems to solve standard tasks of professional activity, taking into account the basic requirements of information security
9.	PC 1	Able to assess the condition of a patient requiring emergency or emergency medical care	IPC 1.1 IPC 1.2	etiology, pathogenesis and pathomorphology, clinical picture, differential diagnosis, course features, complications and outcomes of diseases of internal organs; methodology for collecting complaints and anamnesis;	identify clinical signs of conditions requiring emergency or emergency medical care	

				<p>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</p>		
10.	PC-2	<p>Able to recognize conditions arising from sudden acute illnesses, exacerbation of chronic diseases without obvious signs of a threat to the patient's life and requiring emergency medical care, to recognize conditions that threaten the patient's life, including conditions of clinical death (stopping the vital functions of the human body (circulation and / or breathing),</p>	<p>IPC 2.1 IPC 2.2</p>	<p>etiology, pathogenesis and pathomorphology, clinical picture, differential diagnosis, course features, complications and outcomes of diseases of internal organs; methodology for collecting complaints and anamnesis from patients (their legal representativ</p>	<p>identify clinical signs of conditions requiring emergency medical care; identify conditions requiring emergency medical care, including clinical signs of sudden cessation of blood circulation and breathing</p>	

		requiring medical attention in an emergency form		es); methods of physical examination of patients (examination, palpation, percussion, auscultation); a list of laboratory and instrumental research methods for assessing the patient's condition, the main medical indications for conducting research and interpreting the results; clinical signs of sudden cessation of circulation and/or respiration		
11.	PC-3	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, including clinical death (stopping	IPC 3.1. IPC 3.2	rules for basic cardiopulmonary resuscitation; principles of operation of devices for external electropulse therapy (defibrillation); rules for performing external electrical impulse therapy (defibrillation) in case of sudden cessation of	carry out measures to provide medical care in urgent and emergency forms; basic cardiopulmonary resuscitation in combination with electrical impulse therapy (defibrillation)	

		vital functions of the human body (circulation and/or respiration)		blood circulation and / or respiration		
12.	PC-4	Able to use medicines and medical devices in the provision of medical care in emergency or urgent forms	IPC 4.1 IPC 4.2	modern methods of using medicines, medical devices for diseases and conditions in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account standards	prescribe medicines, medical devices, 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 guidelines (treatment protocols) on the provision of medical care in emergency or urgent forms	

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, UC-6, UC-8, GPC-1, GPC-4, GPC-5, GPC-6, GPC-10, PC-1, PC-2, PC-3, PC-4	Emergency room. Features and principles of work.	The subject and objectives of the practice "Assistant of nurse." Types of medical institutions: clinic and hospital (main features and fundamental differences). Basic knowledge about the hospital: structure, mode of operation, rules of conduct. Ethics and deontology of medical personnel. Sanitary regime of the hospital
2	UC-1, UC-6, UC-8, GPC-1, GPC-4, GPC-5, GPC-6, GPC-10, PC-1, PC-2, PC-3, PC-4	General principles of patient care	Transportation of patients. Anthropometric data (height, weight, waist circumference). Measuring body temperature, caring for fever patients. Organization of food for patients. Sanitary treatment of patients depending on the severity and characteristics of the pathology. Medical instruments. Potential for use in patient care.
3	UC-1, UC-6, UC-8, GPC-1, GPC-4, GPC-5,	Care of patients with pathology of various organ	Care of patients with pathology of the broncho-pulmonary system (shortness of breath, first aid for broncho-pulmonary bleeding) First aid for hemoptysis, pulmonary bleeding. First aid for

	GPC-6, GPC-10, PC-1, PC-2, PC-3, PC-4	systems. Providing first aid for life-threatening conditions.	suffocation Care of patients with diseases of the cardiovascular system (main symptoms and first aid for patients with acute cardiovascular events, first aid for fainting) First aid for pain in the heart and behind the sternum Care of patients with diseases of the gastrointestinal tract (care of patients with constipation, diarrhea, how to suspect gastric bleeding, first aid for gastric bleeding, types of enemas, rules for setting enemas). First aid for life-threatening conditions (poisoning, stomach and intestinal bleeding) Urinary system care (incontinence, care for patients with bladder catheterization, delivery of the vessel for urination and its disinfection)
4	UC-1, UC-6, UC-8, GPC-1, GPC-4, GPC-5, GPC-6, GPC-10, PC-1, PC-2, PC-3, PC-4	The work of a procedural nurse	1. Basic principles of cleaning and processing the skin of the hands of a nurse before injections 2. Types of medical injections 3. Technique for subcutaneous intramuscular and intravenous injections 4. Technique for intravenous drip infusions 5. Basic principles of blood transfusion

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

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

6. Content of the academic discipline

6.1. Sections of the discipline and types of academic work

№	Name of the section of the academic discipline	Types of academic work* (in AH)					total
		L	LP	P	S	SIW	
1	Emergency room. Features and principles of work.			6			6
2	General principles of patient care			72			72
3	Care of patients with pathology of various organ systems. Providing first aid for life-threatening conditions.			36			36
4	The work of a procedural nurse			30			30
	TOTAL			144			144

* - 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

Lectures are not included

6.2.2. The thematic plan of laboratory practicums (*if this type of classes is stipulated in the curriculum*)

Laboratory practicums are not included

6.2.3. Thematic plan of practicals

№	Name of the topics of practicals	Volume in AH
		4 semester
1	Reception of patients in the emergency room of the hospital. Filling out documentation. Examination for pediculosis. Sanitary treatment of the patient. Anthropometric study. Transportation of patients to departments.	6
2	Patient care in the department. Preparation of beds for the patient, the possibility of using a functional hospital bed. Change of underwear and bed linen for seriously ill patients. Skin care, prevention of bedsores. Care for hair, eyes, ears, oral cavity. Washing the patient Measures against HIV infection.	6
3	Supply of a vessel, urinals. Disinfection.	6
4	Monitoring the appearance and condition of patients. Counting the number of breaths, measuring the pulse (by palpation), measuring blood pressure	9
5	Measurement of body temperature, recording the results in a temperature sheet. Care of patients with fever.	9
6	The use of cans, mustard plasters, compresses, heating pads, ice packs.	6
7	Oxygen Therapy Technician. With the help of Bobrov's apparatus.	6
8	Fundamentals of diet therapy and feeding of patients. Menu planning for patients.	6
9	10. Collection of samples for research: a) a urine sample for general analysis, determination of sugar, Zimnitsky test, bacteriological examination; b) sputum for general analysis, tubercle bacillus, bacteriological examination; c) stool test for occult blood, worm eggs.	6
10	The technique of gastric lavage, the use of cleansing enemas.	6
11	Preparation of patients for radiography of the stomach, gastrofibroscopy, irrigoscopy, sigmoidoscopy, colonoscopy.	6
12	First aid for poisoning, gastric and intestinal bleeding	6
13	First aid for nosebleeds, hemoptysis, pulmonary bleeding	6
14	First aid for pain in the heart and behind the sternum, suffocation.	6
15	Basic principles of cleaning and processing the skin of the hands of a nurse before injection. Types of medical injections	6
16	Technique for subcutaneous, intramuscular and intravenous injections. Technique for intravenous drip infusions	12
17	Basic principles of blood transfusion	12
18	Basic cardiopulmonary resuscitation (CPR): chest compressions and mechanical ventilation techniques.	12
19	Rules for the treatment of the corpse.	6
	TOTAL (total - AH)	144

6.2.4. Thematic plan of seminars (*if this type of classes is stipulated in the curriculum*)

Seminars are not included

6.2.5. Types and topics of student's individual work (SIW)

Not included

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

№	Semester No.	Types of control		Name of section of academic discipline	Competence codes	Assessment formats		
						types	number of test questions	number of test task options
1.	2	Current monitoring		Emergency room. Features and principles of work.	UC-1, UC-6, UC-8, GPC-1, GPC-4, GPC-5, GPC-6, GPC-10, PC-1, PC-2, PC-3, PC-4	Test MCQ, abstracts, individual survey, terminological dictation	6	10
				General principles of patient care			10	20
				Care of patients with pathology of various organ systems. Providing first aid for life-threatening conditions.			30	30
				The work of a procedural nurse			10	20
2.	2	Mid-term assessment	Credit	Control questions			56	80

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. VN Oslopov, OV Bogoyavlenskaya, LC Samerhacheva. Kazan. KGMU. - 2005. – 107 p.	9	-
2	General care of a patient. Manual. Part 2. VN Oslopov, OV Bogoyavlenskaya, LC Samerhacheva. Kazan. KGMU. - 2005. – 115 p.	9	-
3	Nursing : student's book / T. Grice; Grice Tony. – New York ; Oxford University Press, 2007. – 135p	-	30

8.2. Further reading

№	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 c.	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. – M.: ГЭОТФР-Медиа, 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

8.3. Electronic educational resources for teaching academic subjects

8.3.1. Internal Electronic Library System of the University (IELSU)

№	Name of the electronic resource	Brief description (content)	Access conditions	Number of users
1	Internal Electronic Library System (IELS) PIMU	Proceedings of PIMU staff (textbooks, manuals, collections of tasks, methodological manuals, laboratory work, monographs, etc.)	Access by individual login and password from any computer and mobile device [Electronic resource] - Access mode: http://95.79.46.206/login.php	Not limited

8.3.2. Electronic educational resources acquired by the University

№	Name of the electronic resource	Brief description (content)	Access conditions	Number of users
1	Database "Electronic Library System "BookUp"	Educational and scientific medical literature of Russian publishing houses, incl. translated editions. The collection of subscription publications is formed point by point.	Access by individual login and password from any computer and mobile device. From university computers - access is automatic. [Electronic resource] - Access mode: http://www.books-up.ru/	Not limited
2	Database “Medicine. Healthcare (VO) and “Medicine. Healthcare (SPO)” as part of the database "Electronic library of a technical university (ELS "Student Consultant")	Textbooks and teaching aids for higher medical and pharmaceutical education.	Access by individual login and password from any computer and mobile device [Electronic resource] - Access mode: http://www.studmedlib.ru/	Not limited

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	Contains video content demonstrating practical skills in nursing	https://brooksidepress.org
2	Harvard Medical School	Video resources from the best medical university in the world	https://www.youtube.com/user/harvardmedschool/featured

3	iMedical School	Video channel dedicated to explaining medical topics	http://www.imedical.school
4	Lecturio Medical Video	Video channel dedicated to explaining medical topics	http://lectur.io/createyourfreeaccount

9. Material and technical support for mastering an academic discipline

9.1. List of premises for classroom activities for the discipline

1. *City Clinical Hospital No. 13 of the Avtozavodsky District,*
2. *therapeutic departments, neurological, endocrinological, pulmonological departments, departments of gastroenterology, emergency cardiology, cardiology department.*
3. *Hospitals of countries whose citizens are FMMO students who 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. *Stretchers, wheelchairs for transporting patients*
2. *Tonometer*
3. *Thermometer*
4. *Height meter*
5. *Scales*
6. *Antimeter tape*
7. *Cotton wool, gauze*
8. *Soap, detergents, bucket, mop*
9. *Ice Pack*
10. *Heating pad*
11. *Nasogastric tube*
12. *Containers for collecting feces, urine and sputum.*
13. *Wheelchair medicine*
14. *Enema*
15. *Pampers*
16. *AED (automated external defibrillator)*
17. *Syringes, infusion systems*
18. *Sets for determining the blood group according to the ABO system*

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

Item no.	Software	number of licenses	Type of software	Manufacturer	Number in the unified register of Russian software	Contract No. and date
1	Wtware	100	Thin Client Operating System	Kovalev Andrey Alexandrovich	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	220	Office Application	LLC "NEW CLOUD TECHNOLOGIES"	283	without limitation, with the right to receive updates for 1 year.

	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 Subscription	
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/HN10030 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

CHANGE REGISTRATION SHEET

working program for the academic discipline
NAME OF THE ACADEMIC DISCIPLINE

Field of study / specialty / scientific specialty: _____

(code, name)

Training profile: _____

(name) - for master's degree programs

Mode of study: _____

full-time/mixed attendance mode/extramural

