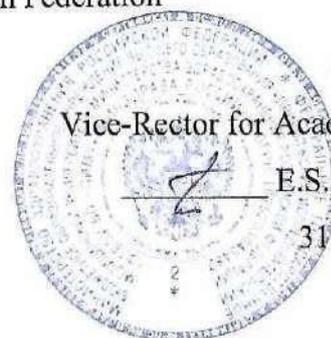


Federal State Budgetary Educational Institution of Higher Education  
"Privolzhsky Research Medical University"  
Ministry of Health of the Russian Federation



APPROVED

Vice-Rector for Academic Affairs

E.S. Bogomolova

31 August 2021

## WORKING PROGRAM

Name of the academic practice: **NURSING THE THERAPEUTIC AND SURGICAL PROFILE (EDUCATIONAL PRACTICE)**

Specialty: **31.05.01 GENERAL MEDICINE**

Qualification: **GENERAL PRACTITIONER**

Department: **FACULTY OF SURGERY AND TRANSPLANTOLOGY**

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. 988 of August 12, 2020.

**Developers of the working program:**

Zagainov Vladimir Evgenievich, Doctor of Medical Sciences, Professor, Head of the Department of Faculty Surgery and Transplantology

The program was reviewed and approved at the department meeting (protocol No. 10, June 1, 2021)

Head of the Department,  
MD, Professor Zagainov V. E.

  
\_\_\_\_\_ (print name)  
(signature)

\_\_ June, 1 \_\_\_\_\_ 2021

AGREED

Deputy Head of EMA ph.d. of biology

  
\_\_\_\_\_ Lovtsova L.V.  
(signature)

\_\_ June, 1 \_\_\_\_\_ 2021

1. Type of practice industrial.

During the internship, students perform the following types of work: compiling an internship diary, working in departments of a medical institution of a therapeutic and surgical profile, caring for patients, independently performing the simplest manipulations provided for by the practical skills plan, sanitary and educational work, analyzing documents, participating in scientific practical conferences.

2. The method of carrying out the practice is stationary and traveling.

In accordance with the curriculum and work program in the first year, students undergo continuous inpatient practice in the surgical and therapeutic departments of multidisciplinary clinics and central district hospitals. All bases are fully equipped with appropriate medical and diagnostic equipment, comply with the requirements of the Federal State Educational Standard, and work is regulated by regulatory legal acts.

3. The form of conducting practice is continuous.

The process of student practice is headed and systematically controlled by responsible teachers of the department working at the bases, appointed by order of the rector.

4. Scope of practice 4 credits.

5. The duration of practice is 2/144 weeks/academic hours (AH).

Educational practice "Nursing the therapeutic and surgical profile" for 1st year students in the first semester, for 2 weeks, according to the schedule. Students work 5 days a week, with a working day of 6 hours. During the internship, students are on duty for one 12-hour duty and perform independent work for 72 hours. The total duration of the practice is 144 hours.

6. The list of planned learning outcomes during internship, correlated with the planned results of mastering the educational program.

6.1 The purpose and objectives of the internship.

The purpose of the internship: to test and consolidate the knowledge gained by students in the study of the main clinical and theoretical disciplines, to consolidate the previously acquired and master new practical skills, including the provision of emergency medical care to therapeutic, surgical patients, familiarization with the organization of medical care to the population and the work of a doctor in a hospital, with the basics of healthcare organization.

**Objectives of practice: as a result of passing the educational practice, the student must:**

**Know:**

- the main stages of the work of a nurse in a surgical and therapeutic hospital;
- principles of care for patients with surgical and therapeutic pathology.

**Be able to:**

- be able to choose and implement the necessary measures for the care of patients of a therapeutic and surgical profile
- be able to prepare care items for performing certain manipulations

**Possess:**

- to master the methodology of procedures used in the care of surgical and therapeutic patients

- to master the methodology of providing assistance to therapeutic and surgical patients within the responsibilities of junior medical personnel.

## 6.2. Results of development and indicators of achievement of competencies.

Mastering the discipline aims at acquiring the following universal (UC) and general professional (GPC) 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 Knows: methods of critical analysis and evaluation of modern scientific achievements; basic principles of critical analysis IUC 1.2 Able to: 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 IUC 1.3 Has practical experience: researching the problem of professional activity using analysis, synthesis and other methods of intellectual activity; developing an action strategy to solve professional problems	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	Has practical 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.	GPC-1	Able to implement moral and legal norms, ethical and deontological principles in professional activities	IGPC 1.1 Knows: basics of medical ethics and deontology; fundamentals of legislation in the field of health care; legal aspects of medical practice IGPC 1.2 Able to: apply ethical norms and principles of behavior of a medical worker in the performance of their professional duties; knowledge of modern legislation in the field of health care in solving problems of professional activity; apply the rules and norms of interaction	basics of medical ethics and deontology; fundamentals of legislation in the field of healthcare; legal aspects of medical practice	apply ethical norms and principles of 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	Has practical experience in: 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

			<p>moral and legal norms, ethical and deontological principles of behavior in the course of professional activity</p> <p>observe moral and legal norms in professional activities;</p> <p>express professional information in the process of intercultural interactions respecting the principles of ethics and deontology</p> <p>the skill of behavior in the implementation of professional activities of behavior in compliance with moral and legal norms, ethical and deontological principles</p> <p>doctor with colleagues and patients (their legal representatives)</p> <p>IGPC 1.3 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</p>		<p>norms of interaction between a doctor and colleagues and patients (their legal representatives)</p>	
3.	GPC-4	<p>Able to apply medical products, provided by the order of healthcare delivery, as well as examine patients for the purpose of determining the diagnosis</p>	<p>IGPC 4.1 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 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</p>	<p>the methodology of collecting anamnesis of life and diseases, complaints of patients (their legal representatives); examination procedure; and physical examination; clinical aspect, methods of diagnosis of the most common diseases; methods of</p>	<p>collect complaints, anamnesis of life and disease of patients (their legal representatives), identify risk factors and causes of diseases; apply methods of examination and physical survey of patients; interpret the results of examination and physical examination</p>	<p>Has practical experience in: collecting complaints, anamnesis of life and disease of patients (their legal representatives) , identifying risk factors and causes of disease development; examination and physical survey of patients; diagnosis of the most common diseases; identification of risk factors for</p>

			<p>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 and (treatment protocols) on the provision of medical care, assistance taking into account the standards of medical care</p> <p>IGPC 4.2 Knows how to: 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 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 patients in accordance with the procedures for providing medical care, clinical recommendations, etc. 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, and, subject to standards of care; refer patients for consultations to specialist doctors in accordance with the</p>	<p>laboratory and instrumental investigations to assess the state of health, medical indications for conducting research, rules for interpreting their results; international statistical classification of diseases and health-related problems (ICD); conditions requiring emergency medical care; procedure for the use of medical devices in accordance with the current procedures for providing medical care, clinical recommendations (treatment protocols) on the medical care delivery taking into account the standards of medical care</p>	<p>of patients; diagnose the most common pathology among patients; identify risk factors for cancer; formulate a preliminary diagnosis, to make a plan for conducting laboratory, instrumental and additional investigations of patients in accordance with the procedures for providing medical care, clinical recommendations taking into account the standards of medical care; to refer patients to laboratory, instrumental and additional investigations in accordance with the current procedures for providing medical care, clinical recommendations, taking into account the standards of medical care; refer patients for consultations to medical specialists in accordance with the procedures of medical</p>	<p>major oncological diseases; formulation of a preliminary diagnosis, drawing up a plan for instrumental, laboratory, additional investigations, consultations of specialist doctors; referral of patients for instrumental, laboratory, additional investigations, consultations of specialist doctors in accordance with the current procedures for providing 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 problems related to health (ICD); differential diagnosis of diseases; recognition of conditions arising from sudden acute diseases, exacerbation of chronic diseases without obvious</p>
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			<p>procedures for the provision of medical care, clinical recommendations and, taking into account the standards of medical care; interpret and analyze the results of consultations with patients' specialists; interpret and analyze the results of the main (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; use medical devices in accordance with the current procedures for the provision of medical, clinical guidelines (treatment protocols) on the provision of medical care, care taking into account the standards of medical care</p> <p>IGPC 4.3 Has practical experience: collecting complaints, anamnesis of life and disease in patients (their legal representatives). identification of risk factors and causes of disease development; examination and physical examination of patients; diagnosis of the most common diseases; identification of risk factors for major cancers; I formulated a preliminary diagnosis, drawing up a plan for conducting instrumental</p> <p>laboratory, additional research, consultations of medical specialists; referral of patients for</p>		<p>care, clinical recommendations taking into account the standards of medical care; to interpret and analyze the results of consultations by medical specialists of patients; to interpret and analyze the results of basic (clinical) and additional (laboratory, instrumental) examination methods; carry out differential diagnosis of diseases of patients; identify clinical signs of sudden acute diseases, conditions, exacerbations of 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 recommendations (treatment protocols) on the provision of medical care, assistance taking into account the</p>	<p>signs of a threat to the patient's life and requiring urgent medical care; the use of medical devices in accordance with current medical procedures, clinical recommendations (treatment protocols) on the issues of medical care delivery, assistance taking into account the standards of medical care</p>
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			<p>instrumental, laboratory, additional studies, consultations of specialist doctors in accordance with the current procedures for the provision of medical care, clinical guidelines and, taking into account standards of care; interpretation of additional (laboratory and instrumental) examinations of patients; provisional diagnosis in accordance with the international statistical classification of diseases and related health problems (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; use of medical devices in accordance with the current procedures for the provision of medical, clinical recommendations and (treatment protocols) on the provision of medical care, care taking into account the standards of medical care</p>		standards of medical care	
4.	GPC-5	Able to assess morphofunctional, physiological conditions and pathological processes in the human body to solve professional problems	<p>IGPC 5.1 Knows: anatomy, histology, embryology, then graph and chess anatomy, physiology, pathological anatomy and physiology of human organs and systems  IGPC 5.2 Able to: evaluate the main morphological and functional data, physiological conditions and pathological processes in the human body  IGPC 5.3 Has practical experience: assessment of basic</p>	anatomy, histology, embryology, topographic anatomy, physiology, pathological anatomy and physiology of human organs and systems	evaluate the basic morphological and functional data, physiological conditions and pathological processes in the human body	Has practical experience in: assessment of basic morphological and functional data, physiological conditions and pathological processes in the human body when solving professional problems

			morphofunctional data, physiological states and pathological processes in the human body when solving professional problems			
5.	GPC-6	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	IGPC 6.1 Knows: the 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 situations, epidemics and in areas of mass destruction in accordance with the procedures for providing medical care, clinical recommendations and, 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 IGPC 6.2 Able to: 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, epidemics and in the centers of mass destruction; provide emergency medical care to patients in conditions that pose a	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 recommendations taking into account the standards of medical care; clinical signs of major emergency conditions; principles of medical evacuation in emergency situations, epidemics and in centers of mass destruction;	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 products when providing medical care in emergency conditions;	Has practical experience in: 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 in case of emergency conditions and epidemics; use

			<p>threat to the life of patients, including clinical death (stopping 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>IGPC 6.3 Has practical experience in: assessing a condition requiring emergency medical care, including in emergency situations, epidemics and in areas 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 (or) respiration), requiring emergency medical care; emergency medical care form patients under 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 emergency conditions and epidemics; personal protective equipment, organization of patient care, provision of primary health care</p>	<p>principles of work in centers of mass destruction; principles of organization of patient care, first aid treatment</p>	<p>perform basic cardiopulmonary resuscitation; use personal protective equipment; organize patient care, provide primary health care</p>	<p>of personal protective equipment; organization of patient care, first aid measures</p>
6.	GPC-10	<p>Able to understand the principles of modern information technologies and use them to solve the tasks of</p>	<p>IGPC 10.1 knows the capabilities of reference information systems and professional databases; methods of information retrieval, information and communication</p>	<p>the capabilities of reference information systems and professional databases; methods of</p>	<p>apply modern information and communication technologies to solve the</p>	<p>Has practical experience in the use of modern information and bibliographic resources, the use of special</p>

		professional activity	technologies; modern medical and biological terminology; fundamentals of information security in professional activities IGPC 10.2 able to 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 information and communication technologies in professional activity, taking into account the basic requirements of information security IGPC 10.3 has practical experience in the 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	information retrieval, information and communication technologies; modern medical and biological terminology; fundamentals of information security in professional activities	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 information and communication technologies in professional activity, taking into account the basic requirements of information security	software and automated information systems to solve standard tasks of professional activity, taking into account the basic requirements of information security
7.	PC-1	Able to assess the condition of a patient requiring medical treatment in the emergency form	IPC 1.1 Knows: etiology, pathogenesis and pathomorphology, clinical picture, differential diagnosis, course 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	etiology, pathogenesis and pathomorphology, clinical aspect, differential diagnosis, clinical features, complications and outcomes of diseases of internal organs; methodology for collecting complaints and anamnesis; physical	identify clinical signs of conditions requiring medical treatment in the emergency form	assessment of the patient's condition requiring medical care in emergency or emergency forms

			<p>interpreting the results in patients requiring medical care in emergency forms</p> <p>IPC 1.2 Able to: identify clinical signs of conditions requiring emergency or emergency medical care</p> <p>IPC 1.3 has methods for assessing the condition of a patient requiring medical care in emergency or emergency forms</p>	<p>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 of patients requiring medical care in the emergency form</p>		
8.	PC-2	<p>Able to recognize conditions arising from sudden acute diseases, exacerbation of chronic diseases without obvious signs of a threat to the patient's life and requiring urgent medical care, recognize conditions that pose a threat to the patient's life including conditions of clinical death (stopping vital functions of the human body (blood circulation and/or respiration), requiring the provision of emergency medical care</p>	<p>IPC 2.1 Knows: 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 representatives); method 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 a sudden cessation of blood circulation and / or breathing</p> <p>IPC 2.2 Able to: identify clinical signs of conditions requiring emergency medical</p>	<p>etiology, pathogenesis and pathomorphology, clinical picture, differential diagnosis, features of the course, complications and outcomes of diseases of internal organs; methods of collecting complaints and anamnesis in patients (their legal representatives); methods of physical examination of patients (examination , palpation, percussion, auscultation); a list of methods of laboratory</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 respiration</p>	<p>provision of emergency medical care to patients with sudden acute diseases, conditions, exacerbation of chronic diseases without obvious signs of a threat to the patient's life; state recognition. posing a threat to the life of the patient, including conditions of clinical death (stopping the vital functions of the human body (blood circulation and / or respiration), requiring emergency medical care; providing emergency medical care to patients in conditions that pose a threat to</p>

			care; identify conditions requiring emergency medical care, including clinical signs of sudden cessation of blood circulation and breathing	and instrumental investigations to assess the patient's condition, the main medical indications for conducting research and interpreting the results; clinical signs of sudden cessation of blood circulation and/ or respiration		the patient's life, including clinical death (stoppage of vital functions of the human body (blood circulation and/or respiration)
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, provide emergency medical care to patients in conditions that threaten the patient's life, including clinical death (suspension of vital functions the human body (circulation and/or respiration)	IPC 3.1 Knows: basic cardiopulmonary resuscitation rules; principles of operation of devices for external electropulse therapy (defibrillation); rules for performing external electropulse therapy (defibrillation) in case of sudden cessation of blood circulation and / or respiration IPC 3.2 Able to: perform measures to provide medical care in urgent and emergency forms; basic cardiopulmonary resuscitation in combination with electrical impulse therapy (defibrillation)	basic cardiopulmonary resuscitation rules; principles of operation of devices for external electropulse therapy (defibrillation); rules for performing external electrical impulse therapy (defibrillation) in case of sudden cessation of blood circulation and / or respiration	perform measures to provide medical care in urgent and emergency forms; basic cardiopulmonary resuscitation in combination with electrical impulse therapy (defibrillation)	provision of emergency medical care to patients in conditions that pose a threat to the patient's life, including clinical death (stopping vital functions of the human body (blood circulation and/or respiration)
10.	PC-4	Able to use medicines and medical devices for providing medical care in emergency forms	IPC 4.1 Knows: basic cardiopulmonary resuscitation rules; principles of operation of devices for external electropulse therapy (defibrillation); rules for performing external electropulse therapy (defibrillation) in case of sudden cessation of blood circulation and / or respiration	modern methods of using medicines, medical devices for diseases and conditions in accordance with the current procedures for providing	prescribe medicines, medical devices taking into account the diagnosis, age and clinical picture of the disease in accordance with the	provision of emergency medical care to patients in conditions that pose a threat to the patient's life, including clinical death (stopping vital functions of the human body (blood

			IPC 4.2 Able to: perform measures to provide medical care in urgent and emergency forms; basic cardiopulmonary resuscitation in combination with electrical impulse therapy (defibrillation)	medical care, clinical recommendations (treatment protocols) on the provision of medical care taking into account the standards of medical care in the provision of 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 (defibrillation); rules for performing external electric pulse therapy (defibrillation) in case of sudden cessation of blood circulation and / or respiration	current procedures for providing medical care, clinical recommendations (treatment protocols) on the medical care delivery in emergency or urgent forms	circulation and/or respiration)
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**7. Position of the academic discipline in the structure of the General Educational Program of Higher Education (GEP HE) of the organization.**

7.1. Practice refers to the core part of Block 2 of GEP HE, Specialty 31.05.01 General Medicine

The discipline is taught in \_1\_\_\_semester/\_1\_\_\_year of study.

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

1. Normal anatomy
2. Latin language
3. Biology

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

1. Propaedeutics of Internal Medicine
2. Faculty Therapy
3. Occupational Medicine
4. Topographic Anatomy and Operative Surgery
5. Radiation Diagnostics
6. General Surgery
7. Faculty Surgery
8. Urology
9. Ward Nurse Assistant
10. Procedural Nurse Assistant
11. Hospital Surgery
12. Pediatric Surgery
13. Traumatology and Orthopedics
14. Oncology

**8. Content of the practice**

8.1. Sections of the practice and types of academic work

№	Name of the section of the academic discipline	Types of academic work* (in AH)					
		L	LP	P	S	SIW	total
1	Organization of work of junior medical staff in the surgical and therapeutic department			34		36	70
2	Caring for patients in the medical and surgical department	2		36		36	74
	<b>TOTAL</b>						<b>144</b>

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

8.2. Thematic schedule of educational work types:

8.2.1 Thematic schedule of lectures

№	Name of lecture topics	Volume in AH	
		semester 1	
1	Caring for patients in the medical and surgical department	2	
	<b>TOTAL (total - AH) 2</b>		

8.2.2. Thematic plan of practicals

№	Name of the topics of practicals	Volume in AH

		semester 1	
1	Organization of work of junior medical staff in the surgical and therapeutic department.	34	
2	Caring for patients in the medical and surgical department. Credit.	36	
	TOTAL (total - AH) 70 AH		

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

№	Types and topics of SIW	Volume in AH	
		semester 1	
1	Organization of work of junior medical staff in the surgical and therapeutic department.	36	
2	Caring for patients in the medical and surgical department. Credit.	36	
	TOTAL (total - AH) 72		

## 9. Practice reporting forms

9.1. Diary (report) on practice.

9.2. Feedback from the practice base (individual and/or generalized).

## 10. 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.	1	Current monitoring	Control of mastering the topic	Organization of work of junior medical staff in the surgical and therapeutic department	UC-1, GPC-1,4,5,6,10, PC-1,2,3,4	Test tasks. Test question.	20	10
			Monitoring the student's individual work	Caring for patients in the medical and surgical department	UC-1, GPC-1,4,5,6,10, PC-1,2,3,4	Test tasks. Test question. Situational tasks. Abstract.	20	10
2.	1	Mid-term assessment	Credit	All sections of practice	UC-1, GPC-1,4,5,6,10, PC-1,2,3,4	Test questions. Situational tasks.	20	10

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

11.1. Key literature references

№	Name according to bibliographic requirements	Number of copies	
		at the department	in the library
1	Grice, T. Nursing / T. Grice // Oxford University Press. – 2007.	1	10
2	Torrens, C. Surgical Nursing :12 edition / C. Torrens, E. Serginson // Harcourt Publisher Limited, 2000	1	10

### 11.2. Further reading

№	Name according to bibliographic requirements	Number of copies	
		at the department	in the library
1	General surgery: textbook / V. K. Gostishchev. - 5th ed., revised. and additional - M.: GEOTAR-Media, 2015.	1	30
2	Operative surgery: a textbook on manual skills / ed. A. A. Vorobiev, I. I. Kagan. - M.: GEOTAR-Media, 2015.	1	30
3	Surgical diseases. Guide to practical exercises: textbook / Ed. A.F. Chernousov. - M.: GEOTAR-Media, 2012.	1	30

### 11.3. Electronic educational resources for teaching academic subjects

#### 11.3.1. Internal Electronic Library System of the University (IELSU)

№	Name of the electronic resource	Brief description (content)	Access conditions	Number of users
	Internal Electronic Library System of the University (IELSU)	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	Not limited

#### 11.3.2. Electronic educational resources acquired by the University

№	Name of the electronic resource	Brief description (content)	Access conditions	Number of users
1	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	Not limited
2	Database «Doctor's Consultant. Electronic Medical Library»	National guidelines, clinical guidelines, textbooks, monographs, atlases, reference books, etc.	Access by individual login and password from any computer and mobile device	Not limited
3	Database "Electronic Library System "Bukap"	Educational and scientific medical literature of Russian publishing houses, incl. translated editions.	Access by individual login and password from any	Not limited

		The collection of subscription publications is formed point by point.	computer and mobile device	
4	Electronic periodicals in the database "SCIENTIFIC ELECTRONIC LIBRARY eLIBRARY"	Electronic medical journals	Access - from the computers of the university	Not limited

### 11.3.3 Open access resources

№	Name of the electronic resource	Brief description (content)	Access conditions
1	EBS "Urayt". Access mode: <a href="http://biblio-online.ru">http://biblio-online.ru</a> .	Textbooks and teaching aids for higher medical and pharmaceutical education	Not limited
2	EBS "Student Advisor". Access mode: <a href="http://www.studentlibrary.ru">http://www.studentlibrary.ru</a> .	Textbooks and teaching aids for higher medical and pharmaceutical education	Not limited
3	EBS "Lan". Access mode: <a href="http://e.www.lanbook.com/">http://e.www.lanbook.com/</a> .	Textbooks and teaching aids for higher medical and pharmaceutical education	Not limited
4	EBS "Znanium.com". Access mode: <a href="http://www.znanium.com">www.znanium.com</a> .	Textbooks and teaching aids for higher medical and pharmaceutical education	Not limited

## 12. Material and technical support for mastering an academic discipline

### 12.1. List of organizations\* used in the practice:

1. GBUZ NO "GKB No. 12"
2. FBUZ POMTs FMBA of Russia
3. Hospital of the Main Internal Affairs Directorate of the Nizhny Novgorod Region
4. GBUZ NO "GKB No. 7 named after. E.L. Berezova"
5. Nizhny Novgorod Regional Clinical Oncology Center

### 12.2. List of equipment\* used during the practice:

1. Equipment for FGDS: "Pentax-FG29V" (Japan), colonoscope "Pentax", illuminator "Olympus CLE-10" (Japan); electrocoagulator EHVCh-500-4 (USSR) and "Martin ME 81" (Germany).
2. Apparatus for X-ray diagnostics "RUM 20 M" (USSR).
3. Computed tomography.
4. Apparatus for ultrasound examination of organs "Aloka" (Japan), "LOGIQ P 5" (Korea).
5. Rack for the production of video laparoscopic operations and manipulations "VISAP" (Germany).
6. Diagnostic laparoscope MGB.
7. Endosurgical chamber "Olympus".
8. Chambers for hyperbaric oxygenation "OKA-MT" (USSR).
9. A set of instruments for minimally invasive surgery "Miniassistant" apparatus for ultrasound examination of organs "LOGIQ P 5", Korea.
10. Set for transurethral resection - TUR (bipolar), "Olympus", Japan apparatus for plasmapheresis Gemma, Russia.
11. Anesthesia-respiratory apparatus "Venar Libera Screen", Slovakia.
12. Bipolar coagulator "Storz".
13. Stapling machines.
14. Surgical instruments.
15. Multimedia complex (laptop, projector, screen).
16. Kodascope.
17. PC with Internet access.

18. Sets of slides, tables, multimedia visual materials, videos on the topics of lectures and practical exercises.

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

<b>Item no.</b>	<b>Software</b>	<b>number of licenses</b>	<b>Type of software</b>	<b>Manufacturer</b>	<b>Number in the unified register of Russian software</b>	<b>Contract No. and date</b>
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 for 1 year.	220	Office Application	LLC "NEW CLOUD TECHNOLOGIES"	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 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 faculty of surgery and transplantology

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**CHANGE REGISTRATION SHEET**

working program for the academic discipline  
***NURSING THE THERAPEUTIC AND SURGICAL PROFILE (EDUCATIONAL PRACTICE)***

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Field of study / specialty / scientific specialty: 31.05.01 GENERAL MEDICINE \_\_\_\_\_  
(code, name)

Training profile: \_\_\_\_\_  
(name) - for master's degree programs

Mode of study: FULL-TIME  
*full-time/mixed attendance mode/extramural*

Position	Number and name of the program section	Contents of the changes made	Effective date of the changes	Contributor's signature
1				

Approved at the department meeting  
Protocol No. \_\_\_\_\_ of \_\_\_\_\_ 20\_\_

Head of the Department faculty  
of surgery and transplantology  
MD, Professor Zagainov V. E.  
department name, academic title

\_\_\_\_\_/\_\_\_\_\_  
signature print name