

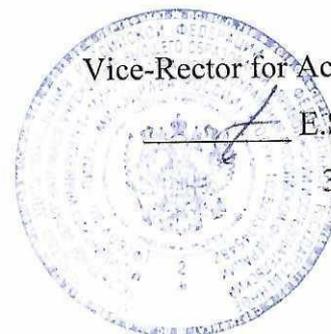
Federal State Budgetary Educational Institution of Higher Education  
"Privolzhsky Research Medical University"  
Ministry of Health of the Russian Federation

APPROVED

Vice-Rector for Academic Affairs

E.S. Bogomolova

31 August 2021



**WORKING PROGRAM**

Name of the academic discipline: **NURSING (surgery)**

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: **36 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. **The purpose and objectives of mastering the academic discipline** preparation of students to solve professional problems in the treatment and diagnostic, medical and preventive and rehabilitation processes; the creation of students' theoretical and practical knowledge, skills and abilities in relation to the general principles of surgery, emergency care for acute surgical diseases and injuries, pre-hospital diagnosis of surgical diseases, organization of the nursing process in surgery.

1.1. The purpose of mastering the discipline: (*participation in forming the relevant competencies*).

- Able to: create and maintain safe living conditions in everyday and professional life for the preservation of the natural environment, ensuring sustainable development of society, including in the case of a threat and occurrence of emergency situations and military conflicts (UC-8)

- Able to implement moral and legal norms, ethical and deontological principles in professional activities (GPC-1)

- Able to apply medical products, provided by the order of healthcare delivery, as well as examine patients for the purpose of determining the diagnosis (GPC-4)

- Able to: organize patient care, provide primary health care, ensure the organization of work and professional decision-making in case of medical

- emergency on the prehospital stage, in the conditions of emergency situations, epidemics and in centers of mass destruction (GPC-6)

- Able to assess the condition of a patient requiring medical treatment in the emergency form (PC -1)

- 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 (PC-2)

- 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) (PC-3)

- Able to use medicines and medical devices for providing medical care in emergency forms (PC-4)

1.2. Tasks of the discipline:

As a result of completing the discipline, the student should

**Know:**

- Laws, regulatory legal acts of the Russian Federation and departmental regulatory documents in the field of healthcare;

- Typical problems of patients with surgical pathology;

- Features of the course of diseases in the elderly and senile age;

- Regulatory and legal documents on infection safety and infection control;

- Theoretical foundations of nursing;

- The system of infection control, infectious safety of patients and staff of a medical institution, the system of interaction between medical institutions and institutions of a sanitary and epidemiological profile;

- Accounting and reporting activities of the structural unit; main types of medical documentation;

- Psychology of professional communication;

- The main causes, clinical manifestations, diagnostic methods, complications, principles of treatment and prevention of diseases and injuries;
- Organization of nursing care for patients based on the stages of the nursing process;
- Fundamentals of palliative nursing care;
- Main drug groups, indications and contraindications for use;
- Fundamentals of dietetics.

**Be able to:**

- Analyze the current situation and make decisions within their professional competence and authority; possess communication skills;
- Perform diagnostic, therapeutic, resuscitation, rehabilitation, preventive, health-improving, sanitary and hygienic, sanitary and educational activities in accordance with their professional competence, powers and medical appointments;
- Implement and document the main stages of the nursing process in the care of patients with surgical pathology;
- Assess the condition and highlight the leading syndromes and symptoms in patients and victims who are in serious and terminal condition, provide emergency first aid in case of emergency;
- Evaluate the effect of drugs in a particular patient, provide first aid in case of drug poisoning;
- Prepare the patient for laboratory, functional, instrumental studies;
- Comply with the requirements of infection control, infection safety of patients and medical personnel.

**Possess:**

- skills in caring for surgical patients, taking into account their age, nature and severity of the disease, including those for seriously ill and agonizing patients;
- methods and means of health education;
- skills of storage and use of medicines;
- safety and labor protection rules;
- maintaining medical records.

**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 Surgical Care refers to the core part of Block 1 of GEP HE, Specialty 31.05.01 General Medicine

The discipline is taught in   2   semester/  2   year of study.

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

1. Latin language and basic terminology
2. Normal anatomy
3. Normal physiology
4. Microbiology

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

1. General surgery
2. Faculty surgery
3. Hospital surgery
4. Anesthesiology and resuscitation

### 3. Deliverables of mastering the academic discipline and metrics of competence acquisition

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-8	Able to: create and maintain safe living conditions in everyday and professional life for the preservation of the natural environment, ensuring sustainable development of society, including in the case of a threat and occurrence of emergency situations and military conflicts	IUC 8.1 Knows: factors of harmful influence on vital activity; algorithms of actions in case of emergencies and military conflicts; workplace safety rules IUC 8.2 Can: identify dangerous and harmful factors in the framework of ongoing activities, create and maintain safe living conditions in everyday life and in professional activities IUC 8.3 has practical experience: participation in planned exercises to develop rules of conduct in case of emergencies, first aid: complies with safety regulations at the workplace	factors of harmful influence on vital activity; algorithms of actions in case of emergencies and military conflicts	identify dangerous and harmful factors within the framework of its activities, create and maintain safe living conditions in everyday and professional life	Has practical experience in: participation in planned exercises to work out the rules of conduct in case of emergencies, first aid; complies with safety regulations at the workplace
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	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	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>norms of interaction moral and legal norms, ethical and deontological principles of behavior in the course of professional activity observe moral and legal norms in professional activities; express professional information in the process of intercultural interactions respecting the principles of ethics and deontology the skill of behavior in the implementation of professional activities of behavior in compliance with moral and legal norms, ethical and deontological principles doctor with colleagues and patients (their legal representatives) 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>rules and norms of interaction between a doctor and colleagues and patients (their legal representativ es)</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</p>	<p>the methodology of collecting anamnesis of life and diseases, complaints of patients (their legal representativ es); examination procedure; and physical examination; clinical aspect, methods of diagnosis of the most common diseases;</p>	<p>collect complaints, anamnesis of life and disease of patients (their legal representativ es), identify risk factors and causes of diseases; apply methods of examination and physical survey of patients; interpret the results of examination and physical</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</p>

			<p>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 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</p>	<p>methods of 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>examination 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</p>	<p>risk factors for 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</p>
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			<p>accordance with the 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 puff. laboratory, additional research, consultations of medical specialists;</p>		<p>of medical 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</p>	<p>without obvious 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>referral of patients for 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>		<p>account the standards of medical care</p>	
4.	GPC-6	<p>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</p>	<p>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</p>	<p>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</p>	<p>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</p>	<p>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</p>

		<p>destruction</p>	<p>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 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  IGPC 6.3 Has practical experience in: assessing a condition requiring emergency medical care, including in emergency situations, epidemics and in areas</p>	<p>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; principles of work in centers of mass destruction; principles of organization of patient care, first aid treatment</p>	<p>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; perform basic cardiopulmonary resuscitation; use personal protective equipment; organize patient care, provide primary health care</p>	<p>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 of personal protective equipment; organization of patient care, first aid measures</p>
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			<p>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>			
5.	PC-1	Able to assess the condition of a patient requiring medical treatment in the emergency form	<p>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 interpreting the results in patients requiring medical care in emergency forms  IPC 1.2 Able to: identify clinical signs of conditions requiring emergency or emergency medical care  IPC 1.3 has methods for assessing the condition</p>	<p>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 examination technique (examination, palpation, percussion, auscultation); a list of laboratory and instrumental research</p>	<p>identify clinical signs of conditions requiring medical treatment in the emergency form</p>	<p>assessment of the patient's condition requiring medical care in emergency or emergency forms</p>

			of a patient requiring medical care in emergency or emergency forms	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		
6.	PC-2	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	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 IPC 2.2 Able to: 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	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 and instrumental investigations to assess the patient's condition, the main medical indications for conducting	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	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 the patient's life, including clinical death (stoppage of vital functions of the human body (blood circulation and/or respiration)

				research and interpreting the results; clinical signs of sudden cessation of blood circulation and/ or respiration		
7.	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)
8.	PC-4	Able to use medicines and medical devices for providing medical care in emergency forms	IPC 4.1 Knows: 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 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;	modern methods of using medicines, medical devices for diseases and conditions in accordance with the current procedures for providing medical care, clinical recommendations (treatment protocols) on the provision of medical care taking into account the standards	prescribe medicines, medical devices taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for providing medical care, clinical recommendations (treatment protocols) on the medical care delivery	the use of medicines and medical devices in the provision of medical care in emergency or urgent forms

			<p>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</p> <p>IPC 4.2 Able to: 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 recommendations and (treatment protocols) on the provision of medical care in emergency or urgent forms</p>	<p>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</p>	<p>in emergency or urgent forms</p>
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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-8, GPC-1, 4, 6, PC-1, 2, 3, 4	General issues of the organization of nursing in surgery	Structure and organization of work and equipment of the surgical department of the hospital and the surgical room of the polyclinic Features of the organization of the nursing process in surgery. Features of the sanitary and epidemiological regime at work surgical department, dressing room, operating unit.
2	UC-8, GPC-1, 4, 6, PC-1, 2, 3, 4	Main clinical syndromes in surgery	Soft tissue injury syndrome. Syndrome "Bleeding and blood loss". Syndrome of "Inflammation" of soft tissues and osteoarticular apparatus. Syndrome "Acute abdomen". Syndrome of intestinal obstruction.

			Hernia of the abdomen. "Peritoneal Syndrome". Gastrointestinal bleeding syndrome. Syndrome of hepatic colic and obstructive jaundice. Syndrome of renal colic. Diuresis disorders. Syndrome "Occlusion of the main blood vessels". surgical sepsis. Neoplasm Syndrome. Principles of diagnosis and treatment of major clinical syndromes. Organization of the nursing process.
3	UC-8, GPC-1, 4, 6, PC-1, 2, 3, 4	Surgical activity of a nurse	Nursing process in the prevention of surgical infection. Asepsis. Antiseptics. Basic principles of preoperative preparation and postoperative management of patients with various surgical diseases. Modern drugs for the treatment of surgical patients and the role of a nurse in the implementation of medicinal prescriptions.
4	UC-8, GPC-1, 4, 6, PC-1, 2, 3, 4	Nursing process in trauma and emergency states	Traumatic brain injury. Injuries to the spine and pelvis. Limb injuries. Injuries to the chest, abdomen. Syndrome of long squeezing. Principles of diagnosis and treatment of the main types of injuries. Organization of the nursing process.

### 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)	3			
Classroom work, including						
Lectures (L)	0,1	4	4			
Laboratory practicum (LP)*						
Practicals (P)	0,5	18	18			
Seminars (S)						
Student's individual work (SIW)	0,4	14	14			
Mid-term assessment						
credit						
<b>TOTAL LABOR INTENSITY</b>	<b>1</b>		<b>36</b>			

### 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	General issues of the organization of nursing in surgery			4		2	6
2	Main clinical syndromes in surgery	2		6		4	12
3	Surgical activity of a nurse	2		4		2	10
4	Nursing process in trauma and emergency states			4		4	8
	<b>TOTAL</b>	<b>4</b>		<b>18</b>		<b>14</b>	<b>36</b>

\* - 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

№	Name of lecture topics	Volume in AH	
		semester 3	
1	Main clinical syndromes in surgery	2	
2	Surgical activity of a nurse	2	
	TOTAL (total - AH) 10	4	

### 6.2.2. The thematic plan of laboratory practicums

Curriculum not included.

### 6.2.3. Thematic plan of practicals

№	Name of the topics of practicals	Volume in AH	
		semester 3	
1	General issues of the organization of nursing in surgery	4	
2	Main clinical syndromes in surgery	6	
3	Surgical activity of a nurse	4	
4	Nursing process in trauma and emergency states	4	
	TOTAL (total - AH) 18 AH	18	

### 6.2.4. Thematic plan of seminars

Curriculum not included.

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

№	Types and topics of SIW	Volume in AH	
		semester 3	
1	General issues of the organization of nursing in surgery	2	
2	Main clinical syndromes in surgery	4	
3	Surgical activity of a nurse	2	
4	Nursing process in trauma and emergency states	4	
	TOTAL (total - AH) 14	14	

## 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.	1	Current monitoring	Control of mastering the topic	<ol style="list-style-type: none"> <li>1. General issues of the organization of nursing in surgery</li> <li>2. Main clinical syndromes in surgery</li> <li>3. Surgical activity of a nurse</li> <li>4. Nursing process in trauma and emergency states</li> </ol>	UC-8, GPC-1, 4, 6, PC-1, 2, 3, 4		20	2
			Monitoring the student's individual work	<ol style="list-style-type: none"> <li>1. General issues of the organization of nursing in surgery</li> <li>2. Main clinical syndromes in surgery</li> <li>3. Surgical activity of a nurse</li> <li>4. Nursing process in trauma and emergency states</li> </ol>	UC-8, GPC-1, 4, 6, PC-1, 2, 3, 4		20	2
2.	1	Mid-term assessment	Credit	<ol style="list-style-type: none"> <li>1. General issues of the organization of nursing in surgery</li> <li>2. Main clinical syndromes in surgery</li> <li>3. Surgical activity of a nurse</li> <li>4. Nursing process in trauma and emergency states</li> </ol>	UC-8, GPC-1, 4, 6, PC-1, 2, 3, 4		40	2

**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	Gordeev, I. G. Nursing. Practical guide: textbook / ed. I. G. Gordeeva, S. M. Otarova, Z. Z. Balkizova. - 2nd ed., revised. and additional - Moscow: GEOTAR-Media, 2022. - 592 p.: ill. - 592 p. - ISBN 978-5-9704-6649-0. - Text: electronic // EBS "Student Consultant": [website]. - URL: <a href="https://www.studentlibrary.ru/book/ISBN9785970466490.html">https://www.studentlibrary.ru/book/ISBN9785970466490.html</a> - Access mode: by subscription.	1	1
2	Babushkin, I. E. Emergency care in the work of a nurse: a textbook / I. E. Babushkin, V. K. Karmanov. - Moscow: GEOTAR-Media, 2022. - 416 p. - ISBN 978-5-9704-6634-6. - Text: electronic // EBS "Student Consultant": [website]. - URL: <a href="https://www.studentlibrary.ru/book/ISBN9785970466346.html">https://www.studentlibrary.ru/book/ISBN9785970466346.html</a> - Access mode: by subscription.	1	1

### 8.2. Further reading

№	Name according to bibliographic requirements	Number of copies	
		at the department	in the library
1	Stetsyuk, V. G. Nursing care in surgery: textbook / Stetsyuk V. G. - Moscow: GEOTAR-Media, 2020. - 688 p. - ISBN 978-5-9704-5381-0. - Text: electronic // EBS "Student Consultant": [website]. - UR: <a href="https://www.studentlibrary.ru/book/ISBN9785970453810.html">https://www.studentlibrary.ru/book/ISBN9785970453810.html</a> - Access mode: by subscription.	1	1
2	Petrov, S. V. General surgery: textbook / S. V. Petrov et al. - 4th ed., revised. and additional - Moscow: GEOTAR-Media, 2020. - 832 p.: ill. - 832 p. - ISBN 978-5-9704-5605-7. - Text: electronic // EBS "Student Consultant": [website]. - URL: <a href="https://www.studentlibrary.ru/book/ISBN9785970456057.html">https://www.studentlibrary.ru/book/ISBN9785970456057.html</a> - Access mode: by subscription.	1	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
	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

#### 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 "Medicine. Healthcare (VO) and	Textbooks and teaching aids for higher medical and	Access by individual login	Not limited

	"Medicine. Healthcare (SPO)" as part of the database "Electronic library of a technical university (ELS "Student Consultant"	pharmaceutical education	and password from any computer and mobile device	
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. The collection of subscription publications is formed point by point.	Access by individual login and password from any computer and mobile device	Not limited
4	Electronic periodicals in the database "SCIENTIFIC ELECTRONIC LIBRARY eLIBRARY"	Electronic medical journals	Access - from the computers of the university	Not limited

### 8.3.3 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 "Znaniy.com". Access mode: <a href="http://www.znaniy.com">www.znaniy.com</a> .	Textbooks and teaching aids for higher medical and pharmaceutical education	Not limited

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

### 9.1. List of premises for classroom activities for the discipline

1. Lecture hall
2. Study rooms (5)
3. Departments of a clinical hospital with wards for patients (two surgical departments with 30 beds each)
  4. Reception department for emergency and planned patients
  5. Operating block with intensive care and intensive care units
  6. Treatment and dressing rooms
  7. Diagnostic departments and offices: radiation diagnostics, ultrasound, endoscopic department, laboratory departments, blood transfusion department

### 9.2. List of equipment for classroom activities for the discipline

1. Surgical instruments, devices, high-tech equipment (bases of the department)

2. Multimedia complex (laptop, projector, screen)
3. Kodascope
4. PC with Internet access
5. 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

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 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 (SURGERY)***

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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