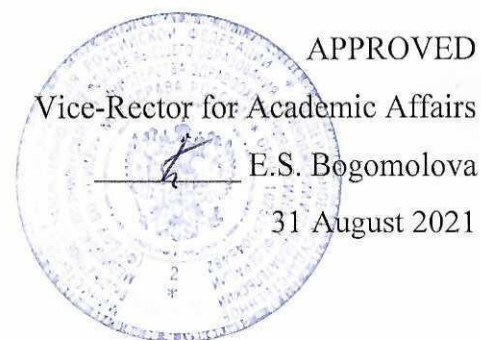


Federal State Budgetary Educational Institution of Higher Education
"Privolzhsky Research Medical University"
Ministry of Health of the Russian Federation



WORKING PROGRAM

Name of the academic discipline: **SURGICAL CARE**

Specialty: **31.05.01 GENERAL MEDICINE**

Qualification: **GENERAL PRACTITIONER**

Department: **FACULTY SURGERY AND TRANSPLANTOLOGY**

Mode of study: **FULL-TIME**

Labor intensity of the academic discipline: **72 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.



(signature)

(print name)

__ 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 acquisition by students of knowledge and practical skills in general care of surgical patients

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)

1.2. Tasks of the discipline:

As a result of completing the discipline, the student should

Know:

- basic principles of management and organization of medical care to the population,
- organization of work of junior and secondary medical personnel in medical institutions of a surgical profile,

- rules of medical ethics and deontology,

- types of sanitization of patients,

- mud of fevers, features of observation and care of surgical patients with diseases different systems of the body,

- the basic principles of first aid in emergency conditions

Be able to:

- participate in the organization and provision of medical and preventive and sanitary and anti-epidemic assistance to the population, taking into account its social professional (including professional sports) and age and sex structure,

- apply various methods of administering drugs,

- sanitize the patient upon admission to the hospital and during your stay in the hospital,

- to change the bed and underwear of the patient,

- to treat bedsores,

- to care for patients of different ages suffering from diseases of various organs and systems, and to transport them,

- to measure body temperature, daily diuresis,
- to collect biological material from patients for laboratory tests,
- to feed patients,
- to provide first aid in case of emergency,
- carry out anthropometry, various types of enemas,
- carry out disinfection and pre-sterilization preparation of medical instruments, materials and patient care products.

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.

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 _1___ semester/_1__ year of study.

2.2. 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

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	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 of harmful influence on vital activity; algorithms of actions in case of emergencies and military	identify dangerous and harmful factors within the framework of its activities, create and	Has practical experience in: participation in planned exercises to work out the rules of conduct in case of emergencies,

		environment, ensuring sustainable development of society, including in the case of a threat and occurrence of emergency situations and military conflicts	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	conflicts	maintain safe living conditions in everyday and professional life	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 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)	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 norms of interaction between a doctor and colleagues and patients (their legal representatives)	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

			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			
3.	GPC-4	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>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 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</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 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	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 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	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 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

			<p>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 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,</p>	<p>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>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 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</p>	<p>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 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>
--	--	--	--	---	---	--

		<p>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>lab. laboratory, additional research, consultations of medical specialists; 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,</p>		<p>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 standards of medical care</p>	
--	--	--	--	---	--

			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			
4.	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,	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	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	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)

			<p>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</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,</p>	<p>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>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>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>
--	--	--	--	---	--	---

			organization of patient care, provision of primary health care			
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</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>	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 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	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
6.	PC-2	Able to recognize conditions arising from sudden acute diseases, exacerbation of chronic diseases without obvious signs of a threat to	IPC 2.1 Knows: etiology, pathogenesis and pathomorphology, clinical picture, differential diagnosis, course features, complications and outcomes of diseases of internal organs; methodology for	etiology, pathogenesis and pathomorphology, clinical picture, differential diagnosis, features of the course,	identify clinical signs of conditions requiring emergency medical care; identify conditions requiring emergency	provision of emergency medical care to patients with sudden acute diseases, conditions, exacerbation of chronic diseases without obvious

		<p>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>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</p>	<p>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 research and interpreting the results; clinical signs of sudden cessation of blood circulation and / or respiration</p>	<p>medical care, including clinical signs of sudden cessation of blood circulation and respiration</p>	<p>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)</p>
7.	PC-3	<p>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</p>	<p>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</p>	<p>basic cardiopulmonary resuscitation rules; principles of operation of devices for external electropulse therapy (defibrillation); rules for performing external electrical impulse</p>	<p>perform measures to provide medical care in urgent and emergency forms; basic cardiopulmonary resuscitation in combination with electrical impulse therapy (defibrillation)</p>	<p>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)</p>

		conditions that threaten the patient's life, including clinical death (suspension of vital functions the human body (circulation and/or respiration)	forms; basic cardiopulmonary resuscitation in combination with electrical impulse therapy (defibrillation)	therapy (defibrillation) in case of sudden cessation of blood circulation and / or respiration	n)	
--	--	--	--	--	----	--

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	The concept of general patient care, the role of general care in surgery. Organization of work in the surgical department. The concept of asepsis and antisepsis, safety precautions when working with surgical patients.	The concept of care for surgical patients. Deontology, moral and ethical aspects of patient care. Peculiarities of patient care in surgery. The device of the surgical department. Hygiene of medical personnel. - Sanitary and epidemiological regime in a surgical hospital. Sources of infection, the concept of nosocomial infection and methods of dealing with it in the department, dressing room, operating room. Safety precautions when caring for patients (including those with HIV infection, hepatitis, etc.) - The concept of asepsis. Sterilization methods in the department (autoclave, dry-heat cabinet), sterilization modes, sterilization control methods. - The concept of antiseptics. Types of antiseptics. The device and mode of operation of the dressing room. Features of care for patients with purulent-necrotic lesions and fistulas.
2	UC-8, GPC-1, 4, 6, PC-1, 2, 3	Preoperative period. Preparation of patients for various types of operations. Features of the admission and diagnostic department of a surgical hospital, the role in preoperative preparation.	Reception and diagnostic department. Peculiarities of patient care in the emergency department. Types of transportation of patients. The concept of the preoperative period. Preparation of patients for various types of operations, manipulations, diagnostic examinations.
3	UC-8, GPC-1, 4, 6, PC-1, 2, 3	Postoperative period. Features of care of surgical patients after various operations. The role of care in the prevention of postoperative complications.	The concept of the postoperative period. Features of patient care after abdominal surgery. The role of care in the prevention of postoperative complications in abdominal surgery (measures for postoperative intestinal paresis, urinary retention, prevention of postoperative pneumonia, thromboembolic complications, bedsores). Organization of nutrition of patients in the postoperative period. Methods of drug administration in surgery. Types of syringes. Injections (intradermal, subcutaneous, intramuscular, intravenous), indications for use, complications and their prevention, patient care during injections. Observation and care of patients with intravenous infusions, care of a

			venous catheter. Disinfection and preparation for disposal of disposable syringes. - The concept of desmurgy. Principles of applying the main types of dressings. The concept of transport immobilization. - Features of patient care after operations on the organs of the urinary system, chest organs, with injuries of the musculoskeletal system.
--	--	--	--

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)	1			
Classroom work, including						
Lectures (L)	0,3	10	10			
Laboratory practicum (LP)*						
Practicals (P)	0,9	34	34			
Seminars (S)						
Student's individual work (SIW)	0,8	28	28			
Mid-term assessment						
credit						
TOTAL LABOR INTENSITY	2	72	72			

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)					
		L	LP	P	S	SIW	total
1	The concept of general patient care, the role of general care in surgery. Organization of work in the surgical department. The concept of asepsis and antisepsis, safety precautions when working with surgical patients	2		20		8	30
2	Preoperative period. Preparation of patients for various types of operations. Features of the admission and diagnostic department of a surgical hospital, the role in preoperative preparation.	4		4		12	30
3	Postoperative period. Features of care of surgical patients after various operations. The role of care in the prevention of postoperative complications. Credit.	4		10		8	22
	TOTAL	10		34		28	72

* - 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 1	
1	The concept of care. The history of development. Hygiene of medical staff. Safety precautions when working with patients.	2	
2	The concept of the preoperative period. Peculiarities of care of surgical patients in the emergency department. Preparation of patients for operations and various types of examinations.	4	
3	Postoperative period. The role of patient care in the prevention of postoperative complications.	4	
	TOTAL (total - AH) 10	10	

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 1	
1	Organization of work of medical institutions of surgical profile. The importance of general patient care.	4	
2	Deontology in medicine. Organization of work of junior and middle medical personnel	4	
3	Measures to prevent HIV infection and hepatitis when working with biological fluids. Hand treatment rules. Postoperative wound care, drainage. Prevention of postoperative complications, nosocomial infections.	4	
4	Care of patients in the preoperative period.	4	
5	Care of patients in the postoperative period.	4	
6	Aseptic and antiseptic. Disinfection and pre-sterilization treatment of medical instruments, rules for working with biological waste.	4	
7	First aid for emergencies.	4	
8	Care of severe and agonizing patients. Credit.	6	
	TOTAL (total - AH) 34 AH	34	

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 1	
1	The concept of general patient care, the role of general care in surgery. Organization of work in the surgical department. The concept of asepsis and antisepsis, safety precautions when working with surgical patients.	8	
2	Preoperative period. Preparation of patients for various types of operations. Features of the admission and diagnostic department of a surgical hospital, the role in preoperative preparation.	12	
3	Postoperative period. Features of care of surgical patients after various operations. The role of care in the prevention of postoperative complications.	8	
	TOTAL (total - AH) 28	28	

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

№	Se mes ter 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	1. The concept of general patient care, the role of general care in surgery. Organization of work in the surgical department. The concept of asepsis and antisepsis, safety precautions when working with surgical patients 2. Preoperative period. Preparation of patients for various types of operations. Features of the admission and diagnostic department of a surgical hospital, the role in preoperative preparation.	UC-8, GPC-1, 4, 6, PC-1, 2, 3	Test control, survey, demonstration of practical skills	5	10

			<p>3. Postoperative period. Features of care of surgical patients after various operations. The role of care in the prevention of postoperative complications.</p>				
		Monitoring the student's individual work	<p>1. The concept of general patient care, the role of general care in surgery. Organization of work in the surgical department. The concept of asepsis and antisepsis, safety precautions when working with surgical patients 2. Preoperative period. Preparation of patients for various types of operations. Features of the admission and diagnostic department of a surgical hospital, the role in preoperative preparation. 3. Postoperative period. Features of care of surgical patients after various operations. The role of care in the prevention of</p>	UC-8, GPC-1, 4, 6, PC-1, 2, 3	Test control, survey, demonstration of practical skills	5	10

				postoperative complications				
2.	1	Mid-term assessment	Credit	<p>1. The concept of general patient care, the role of general care in surgery. Organization of work in the surgical department. The concept of asepsis and antisepsis, safety precautions when working with surgical patients</p> <p>2. Preoperative period. Preparation of patients for various types of operations. Features of the admission and diagnostic department of a surgical hospital, the role in preoperative preparation.</p> <p>3. Postoperative period. Features of care of surgical patients after various operations. The role of care in the prevention of postoperative complications</p>	UC-8, GPC-1, 4, 6, PC-1, 2, 3	Final testing. Solution of situational problems.	5	10

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	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

8.2. 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

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 "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

8.3.3 Open access resources

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

CHANGE REGISTRATION SHEET

working program for the academic discipline
SURGICAL CARE

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