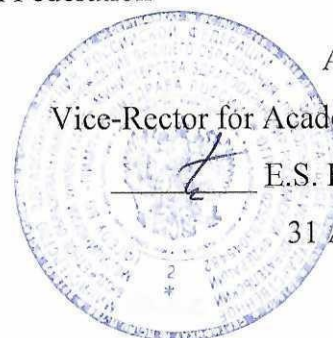


Federal State Budgetary Educational Institution of Higher Education  
"Privolzhsky Research Medical University"  
Ministry of Health of the Russian Federation



APPROVED

Vice-Rector for Academic Affairs

E.S. Bogomolova

31 August 2021

**WORKING PROGRAM**

Name of the academic practice: **SURGICAL ASSISTANT DOCTOR (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 surgical profile, independently performing manipulations provided for by the practical skills plan, supervising patients, participating in clinical and anatomical conferences, sanitary and educational work, analyzing documents, participating in scientific and practical conferences.

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

In accordance with the curriculum and work program in the fourth year, students undergo continuous inpatient practice in the surgical 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, 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).

The production clinical practice of an assistant to a surgical doctor for 4th year students is carried out after the examination session of the 8th semester, for 2.5 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 54 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 in the diagnosis and treatment of diseases of internal organs, acute surgical pathology, the course of physiological pregnancy and childbirth, including emergency care. medical assistance to therapeutic, surgical patients, pregnant women, women in childbirth and puerperas, familiarization with the organization of medical care for the population and the work of a doctor in a hospital, with the basics of organizing healthcare.

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

**Know:**

- the main stages of the work of a doctor in a surgical hospital;
- the principles of therapy, diagnosis, management of patients with surgical pathology.

**Be able to:**

- examine patients with the most frequent therapeutic,
- surgical and obstetric-gynecological diseases;
- evaluate the data of examination and questioning of the patient;
- formulate a preliminary diagnosis;

- draw up a survey plan;
- give immediate and long-term prognosis, recommendations for treatment;
- treat patients under the guidance of a doctor;
- correct medical documentation;
- participate in the reception of physiological childbirth and perform primary treatment of newborns.

**Possess:**

- the main medical diagnostic and therapeutic measures to provide first aid in emergency and life-threatening conditions.

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.	UC-2	Able to manage the project at all stages of its life cycle	IUC 2.1 Knows: methods of presenting and describing the results of project activities; methods, evaluation and evaluation of the results of the project; consideration of the issue of forming a project within the framework of the	methods for presenting and describing the results of project activities; methods, criteria and parameters for evaluating	prove practical and theoretical significance of the results obtained; check and analyze the design documentation; predict the development	Has practical experience in: project management in the field relevant to professional activity; distribution of tasks and encouraging others to

			<p>problem under consideration; basic requirements for project work and evaluation criteria</p> <p>consideration of the project within the framework of the designated problem, formulation of the goal, objectives, relevance, perception (scientific, practical, methodological</p> <p>skills in drawing up plans and schedules for the implementation of the project as a whole plan and monitoring its implementation;</p> <p>qualities of a constructive overcoming speed rationale, methods and requirements for project work</p> <p>IUC 2.2 Able to: substantiate the practical and theoretical significance of the results obtained; check and analyze project documentation; predict the development of processes in the design professional area; put forward innovative ideas and non-standard approaches to their implementation in order to implement the project; calculate the qualitative and quantitative results, the timing of the project work</p> <p>IUC 2.3 Has practical experience in: project management in the field, consistent with her professional activities; distributing tasks and encouraging others to achieve goals; managing the development of the technical specifications of the project, managing the implementation of core design work. Has experience of participating in the development of project</p>	<p>the results of project implementation; principles, methods and requirements for the project work</p>	<p>of processes in the project professional field; put forward innovative ideas and non-standard approaches to their implementation in order to implement the project; calculate qualitative and quantitative results, deadlines of project work execution</p>	<p>achieve goals; management development of technical specifications of the project, management implementation of profile project work; participation in the development technical specifications of the project and the project implementation program in the professional field</p>
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			<p>specifications and programs results of project activities.</p> <p>and others depending on the type of project), expected results and possible areas of their application; be able to see the image of the result of the activity and plan the follower!!</p> <p>number of steps to achieve this result;</p> <p>predict problem situations and risks in project activities.</p> <p>disagreements and conflicts.</p> <p>project implementation in the professional field</p>			
3.	UC-3	Able to organize and manage the work of the team, developing a team strategy to achieve the goal	<p>IUC 3.1 Knows: problems of selection of an effective team; basic conditions for effective teamwork; fundamentals of strategic human resource management, normative legal acts concerning the organization and implementation of professional activities; models of organizational behavior, factors in the formation of organizational relations, strategies and principles of teamwork, the main characteristics of the organizational climate and the interaction of people in the organization</p> <p>IUC 3.2 Able to: determine the management style for effective team work; develop a team strategy; apply the principles and methods of organizing team activities</p> <p>IUC 3.3 Has practical experience: participation in the development of a team work strategy; participation in team work, distribution of roles in the conditions of team interaction</p>	the problems of selecting an effective team; basic conditions for effective teamwork; the basics of strategic human resource management, regulatory legal acts concerning the organization and implementation of professional activities; organizational behavior models, factors of formation of organizational relationships; strategies and principles of teamwork, the main characteristics of the organizational climate and interaction of people in the organization	determine the management style for the effective team work; develop a team strategy; apply the principles and methods of organizing team activities	Has practical experience in: participation in the development of a team work strategy; participation in teamwork, role distribution in the team interaction

4.	UC-9	Able to use basic defectological knowledge in social and professional spheres	IUC 9.1 Knows: the basics of defectology IUC 9.2 Able to: establish effective communication and create a tolerant environment when working with people with disabilities and people with disabilities IUC 9.3 Имеет практический опыт: медико- социальной и организационн ой поддержки (сопровождени я) лиц с ограниченными возможностями здоровья и инвалидов при получении ими медицинской помощи	the basics of defectology	the basics of defectology	Has practical experience in: medical, social and organizational support of people with disabilities when they receive medical care
5.	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 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 of a patient requiring medical care in emergency or emergency forms	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	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

				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 research and interpreting the results; clinical signs of sudden cessation of blood circulation and/ or	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)



				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: 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 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)	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 of medical care in the provision of medical care in emergency or urgent forms; the mechanism	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 in emergency or urgent forms	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))

				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		
9.	PC-5	Able to collect complaints, anamnesis of the patient's life and illness, conduct a complete physical examination of the patient (examination, palpation, percussion, auscultation), formulate a preliminary diagnosis and draw up a plan for laboratory and instrumental examinations of the patient	IPC 5.1 Knows: Legislation of the Russian Federation in the field of health care, regulatory legal acts and other documents that determine the activities of medical organizations and medical workers; method of collecting complaints, anamnesis of life and disease of the patient; a technique for a complete physical examination of the patient (examination, palpation, percussion, auscultation); etiology, pathogenesis and pathomorphology, clinical picture, differential diagnosis, course features, complications and outcomes of diseases of internal organs; regularity and functioning of a healthy human body and	the legislation of the Russian Federation in the field of health care, regulations and other documents that determine the activities of medical organizations and healthcare workers; method of collecting complaints, anamnesis of life and disease of the patient; a technique for a complete physical examination of the patient (examination	collect complaints, anamnesis of life and disease of the patient and analyze the information received; conduct a complete physical examination of the patient (examination, palpation, percussion, auscultation) and interpret its results; determine the sequence of volume, content and sequence of diagnostic measures incl. modern digital technologies	collection of complaints, anamnesis of life and disease of the patient; a complete physical examination of the patient (examination, palpation, percussion, auscultation); formulating a preliminary diagnosis and drawing up a plan for laboratory and instrumental examinations of the patient

			<p>mechanisms for ensuring health from the standpoint of the theory of functional systems; features of the regulation of the functional systems of the human body in pathological processes; methods of laboratory and instrumental studies for assessing the state of health, medical indications for research, rules for interpreting their results</p> <p>IPC 5.2 Able to: collect complaints, anamnesis of life and disease of the patient and analyze the information received; conduct a complete physical examination of the patient (examination, palpation, percussion, auscultation) and interpret its results; determine the sequence of volume, content and sequence of diagnostic measures</p>	<p>, palpation, percussion, auscultation); etiology, pathogenesis and pathomorphology, clinical aspect, differential diagnosis, clinical features, complications and outcomes of diseases of internal organs; patterns of functioning of a healthy human body and mechanisms for ensuring health from the standpoint of the theory of functional systems; features of the regulation of the functional systems of the human body in pathological processes; methods of laboratory and instrumental examinations for assessing the state of health, medical indications for conducting investigations, rules for interpreting their results</p>		
10.	PC-6	Able to send a patient to laboratory, instrumental	IPC 6.1 Knows: general issues of organizing medical care for the population, methods of laboratory and	general issues of organizing medical care for the	justify the need and scope of laboratory examination	referral of a patient for laboratory examination if there is a

		<p>examination, to a consultation with specialist doctors if there are medical indications in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on providing medical care taking into account the standards of medical care, and also refer the patient for providing specialized medical care in an inpatient setting or in a day hospital if there are medical indications in accordance with the current procedures for the medical care delivery, clinical recommendations (treatment protocols) on the medical care delivery taking into account the standards of medical care</p>	<p>instrumental studies to assess the state of health, medical indications for conducting studies, rules for interpreting their results; procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, standards of medical care  IPC 6.2 Able to: justify the need and scope of laboratory examination of the patient; justify the need and scope of instrumental examination of the patient; justify the need to refer the patient for consultations to specialist doctors; determine medical indications for the provision of an ambulance, including other specialized ambulance, medical care</p>	<p>population, methods of laboratory and instrumental examinations to assess the state of health, medical indications for conducting examinations , rules for interpreting their results; procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, standards of medical care</p>	<p>of the patient; justify the need and scope of instrumental examination of the patient; justify the need to refer the patient for consultations with specialist doctors; determine medical indications for the provision of emergency, including emergency specialized, medical care</p>	<p>medical indication in accordance with the current procedures for the provision of medical care, clinical guidelines and (treatment protocols) on the provision of medical care, taking into account the standards of medical care; referral of a patient for an instrumental examination if there are medical indications in accordance with the current procedures for the provision of medical care, clinical recommendations and (treatment protocols) on the provision of medical care, taking into account the standards of medical care; referral of a patient for a consultation with specialist doctors if there are medical indications in accordance with the current procedures for the provision of medical care, clinical guidelines and (treatment protocols) on the provision of medical care, taking into account the standards of medical care: referral of a</p>
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						patient for specialized other medical care in an inpatient setting or in a day hospital setting, if medically indicated, in accordance with the current procedures for the provision of medical care, clinical guidelines and (treatment protocols) on the provision of medical care, taking into account the standards of care
11.	PC-7	Able to: make a differential diagnosis with other diseases/conditions including emergencies, establish a diagnosis taking into account the current international statistical classification of diseases and related health problems (ICD)	IPC 7.1 Knows: etiology, pathogenesis and pathomorphology, clinical picture, differential diagnosis, course features, complications and outcomes of diseases of internal organs; methods of laboratory and instrumental studies for assessing the state of health, medical indications for conducting studies, rules for interpreting their results; ICD IPC 7.2 Able to: analyze the results of the patient's examination, if necessary, justify and plan the amount of additional research; interpret the results of collecting information about the patient's disease; interpret the data obtained during the laboratory examination of the patient; interpret the data obtained during the instrumental examination of the patient; interpret data obtained during consultations of the patient by medical	etiology, pathogenesis and pathomorphology, clinical aspect, differential diagnosis, clinical features, complications and outcomes of diseases of internal organs; methods of laboratory and instrumental examinations for assessing the state of health, medical indications for conducting examinations, rules for interpreting their results; ICD	analyze the results of the patient's examination, if necessary, justify and plan the scope of additional examinations; interpret the results of collecting information about the patient's disease; interpret the data obtained during the laboratory examination of the patient; interpret the data obtained during the instrumental examination of the patient; interpret the data obtained during consultations of the patient by medical specialists; to carry out	differential diagnosis with other diseases/conditions, including emergencies: diagnosis based on the current international statistical classification of diseases and related health problems (ICD)

			specialists; to carry out differential diagnostics of diseases of internal organs from other diseases		differential diagnostics of diseases of internal organs from other diseases	
12.	PC-8	Able to: develop a treatment plan for a disease or condition and prescribe medicine, medical devices, therapeutic nutrition and non-drug treatment taking into account the diagnosis, age and clinical picture in accordance with current procedures for the medical care delivery, clinical recommendations (treatment protocols) on the provision of medical care taking into account the standards of medical care and to evaluate the effectiveness and safety of the use of medicines, medical devices, therapeutic nutrition and other methods of treatment	IPC 8.1 Knows: modern methods of using medicines, medical devices and clinical nutrition for diseases and conditions in a patient in accordance with the current procedures for the provision of medical care, clinical recommendations and (treatment protocols) on the provision of medical care, taking into account the standards of medical care; mechanism of action of drugs medical products and medical nutrition, medical indications and contraindications to their use; complications caused by their use; modern methods of non-drug treatment of diseases and conditions in a patient in accordance with the current procedures for the provision of medical care, clinical guidelines(treatment protocols) on the provision of medical care, taking into account the standards of medical care; mechanism of action of non-drug treatment; medical indications and contraindications to its appointment; side effects, complications caused by its use IPC 8.2 Able to: draw up a treatment plan for the disease and the patient's condition, taking into account the diagnosis, the age of the patient, the clinical picture of the disease in accordance with the current procedures for the provision of medical	modern methods of using medicines, medical devices and therapeutic nutrition in diseases and conditions of the patient in accordance with the current procedures for medical care, clinical recommendations (treatment protocols) on the provision of medical care taking into account the standards of medical care; the mechanism of action of medicines, medical devices and therapeutic nutrition, medical indications and contraindications to their use; complications caused by their use; modern methods of non-drug treatment of diseases and conditions of the patient in accordance with current medical care procedures, clinical	draw up a treatment plan for the disease and the patient's condition taking into account the diagnosis, the patient's age, the clinical picture of the disease 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 of medical care; prescribe medications, medical devices and therapeutic nutrition taking into account the diagnosis, age and clinical picture of the disease in accordance with the current medical care procedures, clinical recommendations (treatment protocols) on the provision	development of a treatment plan for a disease or condition, taking into account the diagnosis, age and clinical picture in accordance with the current procedures for the provision of medical care, clinical guidelines and (treatment protocols) on the provision of medical care, taking into account the standards of medical care: prescribing drugs, medical devices and clinical nutrition considering the diagnosis, age and clinical presentation of the disease and in accordance with the current procedures for the provision of medical care. clinical guidelines and (treatment protocols) on the provision of medical care, taking into account the standards of care: prescribing non-drug treatment taking into account the diagnosis, age and clinical picture of the

			care, clinical guidelines and (treatment protocols) on the provision of medical care, taking into account the standards of medical care; prescribe medicines, medical devices and therapeutic nutrition, taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care clinical guidelines and (treatment protocols) on the provision of medical care, taking into account the standards of medical care; prescribe non-pharmacological treatment taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical guidelines and (treatment protocols) on the provision of medical care, taking into account the standards of medical care; evaluate the effectiveness and safety of the use of medicines, medical devices and clinical nutrition	recommendations (treatment protocols) on the provision of medical care taking into account the standards of medical care; action mechanism of non-drug treatment; medical indications and contraindications to its prescription; side effects, complications caused by its use	of medical care taking into account the standards of medical care; prescribe non-drug treatment taking into account the diagnosis, age and clinical picture of the disease in accordance with the current medical care procedures, clinical recommendations (treatment protocols) on issues related to the provision of medical care taking into account the standards of medical care; evaluate the effectiveness and safety of the use of medicines, medical devices and therapeutic nutrition	disease in accordance with the current procedures for the provision of medical care, clinical recommendations and (treatment protocols) on the provision of medical care, taking into account the standards of medical care; assessment of the effectiveness and safety of the use of medicines, medical devices, clinical nutrition and other methods of treatment
13.	PC-9	Able to provide palliative care in cooperation with specialist doctors and other medical professionals	IPC 9.1 Knows how to provide palliative care IPC 9.2 Able to: Prescribe medicines, medical devices and nutritional therapy, taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical guidelines and (treatment protocols) on the provision of medical care, taking into account the standards of	the procedure for providing palliative care	prescribe medicines, medical devices and therapeutic nutrition taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for providing medical care,	provision of palliative care in cooperation with medical specialists and other medical workers

			<p>medical care; prescribe non-drug treatment, taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical guidelines and (treatment protocols) on the provision of medical care, taking into account the standards of medical care; evaluate the effectiveness and safety of the use of medicines, medical devices and clinical nutrition</p>		<p>clinical recommendations (treatment protocols) on the provision of medical care taking into account the standards of medical care; prescribe non-drug treatment taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care taking into account the standards of medical care; evaluate the effectiveness and safety of the use of medicines, medical devices and medical nutrition</p>	
14.	PC-11	<p>Able to carry out an examination of temporary disability and work as a part of a medical commission carrying out an examination of temporary disability</p>	<p>IPC 11.1 Knows: the procedure for the examination of temporary disability and the signs of a patient's temporary disability; rules for processing and issuing medical documents when referring patients to provide specialized other medical care, to sanatorium and resort</p>	<p>the procedure for the examination of temporary disability and signs of temporary disability of the patient; the rules for registration and issue of</p>	<p>identify signs of temporary disability and signs of persistent impairment of body functions caused by diseases, the consequences of injuries or defects</p>	<p>referral of a patient with a permanent impairment of body functions due to diseases, consequences of injuries or defects, for a medical and social examination Conducting an</p>



			<p>treatment. for medical and social examination  IPC 11.2 Able to: identify signs of temporary disability and signs of persistent impairment of body functions due to diseases, consequences of injuries or defects</p>	<p>medical documents when referring patients for specialized medical care, sanatorium treatment, medical and social examination</p>		<p>examination of temporary disability and working as part of a medical commission, they carry out an examination of temporary disability  Preparation of the necessary medical documentation for the implementation of a medical and social examination in federal state institutions of medical and social expertise</p>
15.	PC-22	<p>Able to: maintain medical records, also in the electronic form in the MIS</p>	<p>IPC 22.1 Knows: legislation in the Russian Federation in the field of health care, regulatory legal acts and other documents that determine the activities of medical organizations and medical workers: rules for working in information systems and information telecommunication network "Internet"; rules for issuing medical documentation in medical organizations providing medical care on an outpatient basis, including at home when a medical worker is called  IPC 22.2 Able to: fill in medical documentation, including in electronic form; work with personal data of patients and information constituting a medical secret; use in professional activities information systems and information telecommunications network "Internet"</p>	<p>the legislation of the Russian Federation in the field of health protection, regulatory legal acts and other documents defining the activities of medical organizations and medical workers; rules for working in information systems and information and telecommunications network "the Internet"; rules for registration of medical documentation in medical organizations providing outpatient medical care including medical worker's home visits</p>	<p>fill out medical documentation including in the electronic form in MIS; work with personal data of patients and information constituting a medical secret; use information systems and information and telecommunication network, the Internet, in professional activities</p>	<p>maintaining medical records, including in electronic form</p>

16.	PC-23	Able to provide internal quality control and safety of medical activities within the scope of official duties and control of the performance of official duties by a district nurse and other medical workers	IPC 23.1 Knows: monitoring the performance of duties by a district nurse and other medical workers at their disposal; organization of medical care in medical organizations providing medical care on an outpatient basis, including at home when a medical worker is called IPC 23.2 Knows how to: monitor the performance of duties by a district nurse and other in disposal of medical workers	control over the performance of official duties by a district nurse and other medical workers at their disposal; organization of medical care in medical organizations providing outpatient medical care including medical worker's home visits	monitor the performance of official duties by a district nurse and other medical workers at their disposal	monitoring the performance of duties by the district nurse and other medical workers at the disposal
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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 \_8\_\_ semester/\_4\_\_ year of study.

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

1. Propaedeutics of Internal Medicine
2. Faculty Therapy, Occupational Diseases
3. Topographic Anatomy and Operative Surgery
4. Radiation Diagnostics
5. General Surgery
6. Faculty Surgery
7. Urology
8. Ward Nurse
9. Assistant Procedural Nurse Assistant

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

1. Hospital Surgery
2. Pediatric Surgery
3. Traumatology and Orthopedics
4. 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)					total
		L	LP	P	S	SIW	
1	Chronic diseases of the veins.	2					2

	VTEC.						
2	Chest injury.					12	12
3	Abdominal injury					12	12
4	Internal bleeding and transfusion of blood components in emergency surgery.	2					2
5	The study of the Federal Law "Basics of protecting the health of citizens of the Russian Federation." Voluntary consent of the patient to medical intervention.				2		2
6	Tasks on the topics of acute appendicitis, acute cholecystitis, acute pancreatitis.					10	10
7	Tasks on the topics of complications of peptic ulcer (perforation and bleeding), strangulated hernia of the abdomen.					10	10
8	Puncture and drainage interventions in emergency surgery.	2					2
9	Acute intestinal obstruction. Tasks on the topics of peritonitis and intestinal obstruction.						
	TOTAL					54	62

\* - 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 8	
1	Chronic diseases of the veins. VTEC.	2	
2	Internal bleeding and transfusion of blood components in emergency surgery.	2	
3	Puncture and drainage interventions in emergency surgery.	2	
4	Acute intestinal obstruction. Tasks on the topics of peritonitis and intestinal obstruction.	2	
	TOTAL (total - AH) 8		

### 8.2.2. Thematic plan of practicals

№	Name of the topics of practicals	Volume in AH	
		semester 8	
1	Federal Law "Fundamentals of Health Protection of	2	

	Citizens of the Russian Federation". Voluntary patient consent to medical intervention.		
2	Acute appendicitis	2	
3	Acute cholecystitis	2	
4	Acute pancreatitis	2	
5	Acute intestinal obstruction	2	
6	Complications of peptic ulcer of the stomach and duodenum.	2	
7	Varicose veins of the lower extremities. Prevention of VTEC.	2	
8	Chest injury	2	
9	Abdominal injury	2	
10	Internal bleeding and transfusion of blood components in emergency surgery	2	
11	Puncture and drainage interventions in emergency surgery	2	
	TOTAL (total - AH) 22 AH		

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

№	Types and topics of SIW	Volume in AH	
		semester 8	
1	Chest injury	12	
2	Abdominal injury	12	
3	Tasks on the topics of acute appendicitis, acute cholecystitis, acute pancreatitis.	10	
4	Tasks on the topics of complications of peptic ulcer (perforation and bleeding), strangulated hernia of the abdomen	10	
5	Acute intestinal obstruction. Tasks on the topics of peritonitis and intestinal obstruction	10	
	TOTAL (total - AH) 54		

## 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	Surgical hospital assistant	UC-1,2,3,9 PC-1,2,3,4,5,6,7,8,9,11,22,23	Test tasks, Control questions	22	6

			Monitoring the student's individual work	Surgical hospital assistant	UC-1,2,3,9 PC-1,2,3,4,5,6,7,8,9,11,22,23	Test tasks, Control questions, Situational tasks, Abstract	25	40
2.	1	Mid-term assessment	Exam	All sections of practice	UC-1,2,3,9 PC-1,2,3,4,5,6,7,8,9,11,22,23	Control questions, Situational tasks	2	75

## 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	General surgery: textbook / V. K. Gostishchev. - 5th ed., revised. and additional - M.: GEOTAR-Media, 2015.	1	30
2	General surgery: textbook / Petrov S.V. - 4th ed., revised. and additional - M.: GEOTAR-Media, 2012.	1	30
3	Operative surgery: a textbook on manual skills / ed. A. A. Vorobiev, I. I. Kagan. - M.: GEOTAR-Media, 2015.	1	30
4	Surgical diseases. Volume 1: textbook / Ed. V.S. Savelyeva, A.I. Kirienko - M.: GEOTAR-Media, 2009.	1	30
5	Surgical diseases. Guide to practical exercises: textbook / Ed. A.F. Chernousov. - M.: GEOTAR-Media, 2012.	1	30
6	Medical diagnostic methods: textbook / Kukes V.G., Marinina V.F. etc. - M.: GEOTAR-M	1	30

### 11.2. Further reading

№	Name according to bibliographic requirements	Number of copies	
		at the department	in the library
1	Military field surgery: hands. to pract. occupations / Ed. M.V. Lysenko - M.: GEOTAR-Media, 2010	1	30
2	Military field surgery of local wars and armed conflicts: a guide / Ed. E.K. Gumanenko, I.M. Samokhina - M.: GEOTAR-Media, 2011	1	30
3	Topographic anatomy and operative surgery In 2 vols. Vol. 1: textbook / ed. I.I. Kagan, I. D. Kirpatovsky - M.: GEOTAR-Media, 2013	1	30
4	Surgical diseases and injuries in general medical practice / Sukovatykh B.S., Sumin S.A., Gorshunova N.K. - M. : GEOTAR-Media, 2013	1	30
5	History of medicine and surgery / Mirsky M.B. - M.: GEOTAR-Media, 2010.	1	30

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

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

<i>No</i>	<i>Name of the electronic resource</i>	<i>Brief description (content)</i>	<i>Access conditions</i>	<i>Number of users</i>
	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

<i>No</i>	<i>Name of the electronic resource</i>	<i>Brief description (content)</i>	<i>Access conditions</i>	<i>Number of users</i>
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. 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

#### 11.3.3 Open access resources

<i>No</i>	<i>Name of the electronic resource</i>	<i>Brief description (content)</i>	<i>Access conditions</i>
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	Not limited

		pharmaceutical education	
4	EBS "Znanium.com". Access mode: www.znanium.com.	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 POMT's 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

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	220	Office Application	LLC "NEW CLOUD TECHNOLOGIES"	283	without limitation, with the right to receive updates for 1

	organizations, with no expiration date, with the right to receive updates for 1 year.					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  
***SURGICAL ASSISTANT DOCTOR (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