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**Federal State Autonomous Educational Institution of Higher Education  
PEOPLES' FRIENDSHIP UNIVERSITY OF RUSSIA  
NAMED AFTER PATRICE LUMUMBA  
RUDN University  
Institute of Medicine**

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educational division (faculty/institute/academy) as higher education programme developer

## **COURSE SYLLABUS**

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Faculty surgery

course title

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**Recommended by the Didactic Council for the Education Field of:**

31.05.01 General Medicine

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field of studies / speciality code and title

**The course instruction is implemented within the professional education programme of higher education:**

General Medicine

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higher education programme profile/specialisation title

**2026**

## 1. COURSE GOAL(S)

The discipline «Faculty surgery» is included in the program of the specialty «General Medicine» in the field of studies 31.05.01 «General Medicine» and is studied in the 7th, 8th semesters of the 4th year. The discipline is implemented by the Department of Faculty Surgery. The discipline consists of 3 sections and 18 topics.

The goal of the course “Faculty Surgery” is to teach students about the diagnosis of major diseases studied in the course of faculty surgery.

## 2. REQUIREMENTS FOR LEARNING OUTCOMES

Mastering the course (module) “Faculty Surgery” is aimed at the development of the following competences /competences in part: PC-1, PC-2, PC-3, PC-4, PC-6.

*Table 2.1. List of competences that students acquire through the course study*

<b>Competence code</b>	<b>Competence descriptor</b>	<b>Competence formation indicators (within this course)</b>
PC-1	Being able to provide emergency or urgent medical care to a patient	<p>PC-1.1. Being able to assess the condition of a patient who needs emergency or urgent medical care.</p> <p>PC-1.2. Being able to recognize conditions that arise from sudden acute diseases, exacerbation of chronic diseases without obvious signs of a threat to the patient’s life and which require emergency medical care.</p> <p>PC-1.3. Being able to provide 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.</p> <p>PC-1.4. Being able to recognize conditions which pose a threat to the patient’s life, including conditions of clinical death (cessation of the vital bodily functions (blood circulation and/or respiration) which require emergency medical care.</p> <p>PC-1.5. Being able to provide emergency medical care to patients in conditions which pose a threat to the patient’s life, including clinical death (cessation of the vital bodily functions (blood circulation and/or respiration).</p> <p>PC-1.6. Being able to use drugs and medical devices when providing medical care in emergency or urgent forms.</p>
PC-2	Being able to examine a patient in order to determine a diagnosis	<p>PC-2.1. Mastering the skills to collect complaints, anamnesis of the patient’s life and disease, as well as conduct a complete physical examination of the patient (examination, palpation, percussion, auscultation).</p> <p>PC-2.2. Being able to make a preliminary diagnosis and make up a plan of laboratory and instrumental examinations of a patient.</p> <p>PC-2.3. Being able to refer a patient to a laboratory examination in case there are medical indications in accordance with the current procedures for the</p>

		<p>provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care taking into account the medical care standards.</p> <p>PC-2.4. Being able to refer a patient to an instrumental examination in case there are medical indications 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.</p> <p>PC-2.5. Being able to refer a patient to consult with a medical specialist if there is a medical indication 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.</p> <p>PC-2.6. Being able to refer a patient to be provided with specialized medical care in an inpatient setting or in a day hospital in case there are medical indications 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.</p> <p>PC-2.7. Being able to carry out differential diagnosis with other diseases/conditions, including the urgent ones, as well as to make a diagnosis taking into account the current international statistical classification of diseases and problems related to health (ICD).</p>
PC-3	Being able to prescribe treatment and monitor its efficacy and safety	<p>PC-3.1. Being able to develop 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 (treatment protocols) on the provision of medical care taking into account the standards of medical care.</p> <p>PC-3.2. Being able to prescribe medicinal drugs, medical devices and medical nutrition taking into account the diagnosis, age and clinical picture of the disease and 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.</p> <p>PC-3.3. Being able to 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 (treatment protocols) on the provision of medical care taking into account the standards of medical care.</p>

		<p>PC-3.4. Being able to assess the efficacy and safety of the use of drugs, medical devices, medical nutrition and other treatment methods.</p> <p>PC-3.5. Being able to provide palliative care in collaboration with medical specialists and other healthcare professionals.</p> <p>PC-3.6. Being able to organize personalized treatment for a patient, including pregnant women, elderly and senile patients; assess the efficacy and safety of treatment.</p>
PC-4	<p>Being able to implement and monitor the patient's medical rehabilitation efficacy, including when implementing individual rehabilitation and habilitation programmes for persons with disabilities; assess the patient's ability to work</p>	<p>PC-4.1. Being able to conduct an examination of temporary disability and work as part of a medical commission which examines temporary disability.</p> <p>PC-4.2. Being able to prepare necessary medical documentation to carry out medical and social examination in federal state institutions of medical and social examination.</p> <p>PC-4.3. Being able to carry out medical rehabilitation measures for a patient, including when implementing an individual rehabilitation or habilitation programme for persons with disabilities, 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.</p> <p>PC-4.4. Being able to refer a patient who needs medical rehabilitation to a medical specialist so that they prescribe and carry out medical rehabilitation measures, including when implementing an individual rehabilitation or habilitation programme for persons with disabilities, in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on provision of medical care taking into account the standards of medical care.</p> <p>PC-4.5. Being able to refer a patient who needs medical rehabilitation to a medical specialist so that they prescribe and carry out sanatorium treatment, including when implementing an individual rehabilitation or habilitation programme for persons with disabilities, 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.</p> <p>PC-4.6. Being able to assess the efficacy and safety of medical rehabilitation measures for 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.</p>

		PC-4.7. Being able to refer a patient with a persistent bodily dysfunction caused by diseases, the consequences of trauma or defects to a medical and social examination.
PC-6	Being able to keep medical records and organize the activities of the nursing staff	PC-6.1. Being able to draw up a work plan and report on their work, issue a passport for a healthcare (therapeutic) area. PC-6.3. Being able to keep medical records, including in the electronic form. PC-6.4. Being able to monitor the performance of official duties by a district nurse and other medical workers at the disposal.

### 3. COURSE IN HIGHER EDUCATION PROGRAMME STRUCTURE

The course refers to the core/variable/elective\* component of (B1) block of the higher educational programme curriculum.

\* - Underline whatever applicable.

Within the higher education programme students also master other (modules) and / or internships that contribute to the achievement of the expected learning outcomes as results of the course study.

*Table 3.1. The list of the higher education programme components/disciplines that contribute to the achievement of the expected learning outcomes as the course study results*

Competence code	Competence descriptor	Previous courses/modules*	Subsequent courses/modules*
PC-1	Being able to provide emergency or urgent medical care to a patient	Propaedeutics of internal diseases; General Surgery; Practice of diagnostic profile: assistant ward nurse; Emergency Medical Manipulation Practice (Simulation Center); Practice in obtaining primary professional skills and professional experience: assistant to a procedural nurse;	Urgent conditions; Disaster Medicine; Obstetrics and gynecology; Infectious diseases; Pediatrics; Endocrinology; Outpatient therapy; Anesthesiology, intensive care, intensive care; Hospital surgery, pediatric surgery; Oncology, radiation therapy; Traumatology, orthopedics; Hospital therapy; Endoscopic urology; Allergology; Assistant physician of the therapeutic profile
PC-2	Being able to examine a patient in order to determine a diagnosis	Medical Enzymology**; Molecular genetics in practical biology and medicine**;	Telemedicine; General medical skills; Emergency conditions; Obstetrics and

		<p>Propaedeutics of internal diseases;          Medical Elementology;          Immunology;          General Surgery;          Microbiology, virology;          Pathophysiology, clinical pathophysiology;          Radiation diagnostics;          Pathological anatomy, clinical pathology anatomy;</p>	<p>gynecology;          Infectious diseases;          Pediatrics;          Maxillofacial surgery;          Sectional course;          Occupational diseases;          Endocrinology;          Psychiatry, medical psychology;          Phthisiology;          Outpatient therapy;          Anesthesiology, intensive care, intensive care;          Hospital surgery, pediatric surgery;          Oncology, radiation therapy;          Traumatology, orthopedics;          Reproductive health;          Clinical dentistry;          Current issues of neonatology**;          Topical Issues of Neonatology**;          Cardiology in Quests;          Methods microbiological diagnostics;          Hospital therapy;          Endoscopic urology;          Allergology;          Assistant physician of the therapeutic profile:          assistant physician of the therapist; General medical practice:          assistant physician of the outpatient clinic;          Obstetric and gynecological practice:          assistant obstetrician;          General medical practice:          assistant pediatrician;</p>
PC-3	Being able to prescribe treatment and monitor its efficacy and safety	<p>Introduction to Nutritionology**;          Pharmacology;          Fundamentals of Integrative medicine**;          Clinical Trials**;          Clinical studies**;</p>	<p>Telemedicine;          Outpatient Cardiology**;          The basics of nutrition in childhood**;          Obstetrics and gynecology; Infectious diseases;          Clinical Pharmacology;</p>

			Pediatrics; Maxillofacial surgery; Occupational diseases; Endocrinology; Psychiatry, medical psychology; Phthisiology; Outpatient therapy; Hospital surgery, pediatric surgery; Oncology, radiation therapy; Traumatology, orthopedics; Reproductive health; Current issues of neonatology**; Topical Issues of Neonatology**; Experimental oncology; Cardiology in Quests; Geriatrics and palliative medicine; Hospital therapy; Endoscopic urology; Allergology; Assistant physician of the therapeutic profile: assistant physician of the therapist; General medical practice: assistant physician of the outpatient clinic; Obstetric and gynecological practice: assistant obstetrician; General medical practice: Assistant pediatrician;
PC-4	Being able to implement and monitor the patient's medical rehabilitation efficacy, including when implementing individual rehabilitation and habilitation programmes for persons with disabilities; assess the patient's ability to work	Organization of special patient care; Public health and healthcare, health economics;	Examination of temporary disability**; Occupational diseases; Endocrinology; Forensic medicine; Outpatient therapy; Hospital surgery, pediatric surgery; Traumatology, orthopedics; Hospital therapy; General medical practice: assistant to an outpatient clinic doctor;
PC-6	Being able to keep medical	Propaedeutics of internal	Telemedicine;

	records and organize the activities of the nursing staff	diseases; Bioethics**; General Surgery; Public health and healthcare, health economics; Radiation diagnostics; Biostatistics; Introductory practice for obtaining primary professional skills: patient care (simulation center); Introductory practice for obtaining primary professional skills: patient care; Practice in obtaining primary professional skills: assistant to junior medical staff; Practice in obtaining primary professional skills and experience Professional activity: assistant to a procedural nurse;	Obstetrics and gynecology; Infectious diseases; Pediatrics; Forensic medicine; Outpatient therapy; Anesthesiology, intensive care, intensive care; Hospital surgery, pediatric surgery; Oncology, radiation therapy; Modern methods of medical statistics; Hospital therapy; Endoscopic urology; Allergology; Assistant physician of the therapeutic profile: assistant physician of the therapist; General medical practice: assistant physician of the outpatient clinic; Obstetric and gynecological practice: assistant obstetrician;
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\* To be filled in according to the competence matrix of the higher education programme.

#### 4. COURSE WORKLOAD AND ACADEMIC ACTIVITIES

The total workload of the course “Faculty Surgery” is 5 credits (180 academic hours).

*Table 4.1. Types of academic activities during the periods of higher education programme mastering (full-time training)\**

Type of academic activities	Total academic hours	Semesters/training modules	
		7	8
<b>Contact academic hours (total) ac.h.</b>	135	90	45
Including:			
Lectures (LC)	-	-	-
Lab work (LW)	135	90	45
Seminars (workshops/tutorials) (S)	-	-	-
<i>Self-studies</i>	24	15	9
<i>Evaluation and assessment (exam/passing/failing grade)</i>	21	3	18

<b>Total course workload</b>	academic hours	180	108	72
	credits	<b>5</b>	<b>3</b>	<b>2</b>

\* To be filled in regarding the higher education programme correspondence training mode.

## 5. Discipline contents

*Table 5.1.*

### The content of the discipline sections

<b>Course module title</b>	<b>Course module contents (topics)</b>	<b>Academic activities types</b>
<b>Section 1. Diseases of the gastrointestinal tract</b>	1.1. Appendicitis. Acute appendicitis. Complications of appendicitis. Chronic appendicitis. Appendicitis. Acute appendicitis. Clinic. Diagnostics. Treatment. Complications of appendicitis. Clinic. Diagnostics. Treatment. Chronic appendicitis. Clinic. Differential diagnosis. Indications for surgery.	<b>LW</b>
	1.2. Hernias. Inguinal hernia. Congenital inguinal hernias. Femoral hernias. Umbilical and hernia of the white line of the abdomen. Strangulated hernia. Hernias. The General notion about hernias. Types of hernias. Inguinal hernia. Congenital inguinal hernias. Femoral hernias. Umbilical and hernia of the white line of the abdomen. Anatomy. Differential diagnosis Clinic. Surgical treatment. Strangulated hernia. Views. Clinic. Diagnostics. Treatment. Clinic, diagnosis. Features of operational equipment.	<b>LW</b>
	1.3. Calculous cholecystitis. Acute cholecystitis. Chronic cholecystitis. Calculous cholecystitis. Acute cholecystitis. Clinic. Diagnostics. Treatment. Complications of cholecystitis. Chronic cholecystitis. Clinic. Diagnostics. Treatment. Type of operation.	<b>LW</b>
	1.4. Mechanical jaundice. Mechanical jaundice. Reasons. Diagnostic method. Treatment.	<b>LW</b>
	1.5. Pancreatitis. Acute pancreatitis. Chronic pancreatitis. Pancreatitis. Acute pancreatitis. Classification. Clinic. Diagnostics. Treatment. Complications. Chronic pancreatitis. Classification. Clinic. Methods of diagnosis and surgical treatment.	<b>LW</b>
	1.6. Liver disease. Liver cancer. Portal hypertension syndrome. Cirrhosis. Echinococcus of the liver. Liver disease. Liver cancer. Views. Diagnostic method. Treatment. Portal hypertension syndrome. Cirrhosis. Diagnostics. Complications. Clinic. Treatment. Echinococcus of the liver. Species. Diagnosis.	<b>LW</b>

	Treatment.	
	1.7. Diseases of the stomach and duodenum. Gastric and duodenal ulcer. Complications of duodenal ulcer. Diseases of the stomach and duodenum. Gastric and duodenal ulcer. Conservative therapy. Indications for surgical treatment. Methods of surgical treatment. Complications of duodenal ulcer. Clinic. Diagnostics. Treatment.	<b>LW</b>
	1.8. Stomach cancer. Cancer of papilla Vateri. Stomach cancer. Classification. Clinic. Diagnostics. Type of operation. Cancer of papilla Vateri. Clinic. Diagnostics. Treatment.	<b>LW</b>
	1.9. Bowel disease. Crohn disease. Ulcerative colitis. Bowel disease. Crohn disease. Ulcerative colitis. Clinic. Diagnostics. Treatment. Complications.	<b>LW</b>
	1.10. Diverticulosis of the large intestine. Colon cancer. Diverticulosis of the large intestine. Complications. Diagnostics. Treatment. Colon cancer. Clinic. Diagnostics. Treatment.	<b>LW</b>
	1.11. Diseases of the rectum. Hemorrhoids. Benign tumors of the rectum. Rectal cancer. Diseases of the rectum. Hemorrhoids. Complications. Diagnostics. Treatment. Benign tumors of the rectum. Clinic. Diagnostics. Treatment. Rectal cancer. Diagnostics. Treatment.	<b>LW</b>
	1.12. Intestinal obstruction. Mechanical and dynamic intestinal obstruction. Intestinal obstruction. Classification. Clinic. Methods of conservative and surgical treatment. Mechanical and dynamic intestinal obstruction. Classification. Reasons. Views. Clinic. Diagnostics. Treatment.	<b>LW</b>
	1.13. Peritonitis. Peritonitis. Classification. Etiopathogenesis. Clinic. Treatment. Ways to reduce mortality.	<b>LW</b>
	1.14. Special research methods. Special research methods. Methods of endoscopic diagnosis of diseases of the digestive system. Modern methods of early diagnosis of tumors of the digestive tract. X-ray contrast methods for the study of bile ducts.	<b>LW</b>

<b>Section 2. Vascular diseases.</b>	2.1. Topic 2.1. Varicose disease. Varicose disease. Diagnostics. Clinic, complications. Treatment.	<b>LW</b>
	2.2. Atherosclerosis of vessels of the lower extremities. Atherosclerosis of vessels of the lower extremities. Clinic. Diagnostics. Treatment. Complications. Differential diagnosis of atherosclerosis and obliterating endarteritis of the lower extremities.	<b>LW</b>
<b>Section 3. Diseases of the mammary and thyroid glands</b>	3.1. Breast disease. Benign breast tumors. Breast cancer. Breast disease. Benign breast tumors. Views. Method of treatment. Breast cancer. Classification. Clinic. Diagnosis, treatment.	<b>LW</b>
	3.2. Thyroid disease. Thyrotoxic goiter. Graves' disease. Endemic goiter. Thyroid disease. Thyrotoxic goiter. Clinic. Diagnostics. Treatment. Graves' disease. Clinic. Diagnostics. Treatment. Endemic goiter. Classification, diagnosis. Treatment, prevention. Complications of thyroid surgery.	<b>LW</b>

\* - to be filled in only for full-time training: *LC* - lectures; *LW* - lab work; *S* - seminars.

## 6. CLASSROOM EQUIPMENT AND TECHNOLOGY SUPPORT REQUIREMENTS

*Table 6.1. Classroom equipment and technology support requirements*

<b>Type of academic activities</b>	<b>Classroom equipment</b>	<b>Specialised educational / laboratory equipment, software, and materials for course study (if necessary)</b>
Computer lab	A computer classroom for conducting classes, group and individual consultations, ongoing monitoring and intermediate certification, equipped with personal computers (in the amount of 1 pc.), a blackboard (screen) and multimedia presentation equipment.	Software: Microsoft products (OS, office suite, including MSOffice/Office 365), laptops, multimedia projectors. Surgery videos. Digital versions of lectures and seminars on surgery, video materials from foreign surgical clinics, handouts in the form of tests, posters, methodological publications.
Self-studies	A classroom for students' independent work (can be used for seminars and consultations), equipped with a set of specialized furniture and computers with access to the EIOS.	Software: Microsoft products (OS, office suite, including MSOffice/Office 365), laptops, multimedia projectors. Surgery videos. Digital versions of lectures and seminars on surgery, video materials from foreign surgical clinics, handouts

		in the form of tests, posters, methodological publications.
An auditorium at the clinical base of the department for conducting laboratory and clinical classes	An auditorium for laboratory work and clinical classes, individual consultations, ongoing monitoring and intermediate certification, equipped with a set of specialized furniture and equipment	Laboratory and diagnostic equipment of the clinical bases of the department. Software: Microsoft products (OS, office suite, including MSOffice/Office 365), laptops, multimedia projectors. Surgery videos. Digital versions of lectures and seminars on surgery, video materials from foreign surgical clinics, handouts in the form of tests, posters, methodological publications.

## 7. RESOURCES RECOMMENDED FOR COURSE STUDY

### *Main readings:*

1. Kuzin M.I., Kuzin N.M., Kubyshkin V.A. and others. Surgical diseases. - 5th ed., reprint. and additional – M.: GEOTAR-Media, 2022. - 1024 p.: ill. Textbook of the Ministry of Health of the Russian Federation.
2. Surgical diseases. Edited by Saveliev V.S., Kiriyyenko A.I. – M.: GEOTAR-MEDIA, 2017-720 p., 2 volumes. Textbook
3. Pautkin Yu.F., Klimov A.E. Pogosov A.G. Student practice in a surgical clinic. – M.: RUDN, 2011. Study guide
4. Clinical recommendations. Acute appendicitis in adults. [https://cr.minzdrav.gov.ru/preview-cr/325\\_2](https://cr.minzdrav.gov.ru/preview-cr/325_2)
5. Clinical recommendations. Inguinal and femoral hernia. [https://cr.minzdrav.gov.ru/preview-cr/684\\_2](https://cr.minzdrav.gov.ru/preview-cr/684_2)
6. Clinical recommendations. Postoperative ventral hernia. [https://cr.minzdrav.gov.ru/preview-cr/685\\_2](https://cr.minzdrav.gov.ru/preview-cr/685_2)
7. Clinical recommendations. Cholecystitis. [https://cr.minzdrav.gov.ru/preview-cr/819\\_1](https://cr.minzdrav.gov.ru/preview-cr/819_1)
8. Clinical recommendations. Acute pancreatitis. [https://cr.minzdrav.gov.ru/preview-cr/903\\_1](https://cr.minzdrav.gov.ru/preview-cr/903_1)
9. Clinical recommendations. Chronic pancreatitis. [https://cr.minzdrav.gov.ru/preview-cr/273\\_5](https://cr.minzdrav.gov.ru/preview-cr/273_5)
10. Clinical recommendations. Cirrhosis and fibrosis of the liver. [https://cr.minzdrav.gov.ru/preview-cr/715\\_1](https://cr.minzdrav.gov.ru/preview-cr/715_1)
11. Clinical recommendations. Liver cancer (hepatocellular). [https://cr.minzdrav.gov.ru/preview-cr/1\\_3](https://cr.minzdrav.gov.ru/preview-cr/1_3)
12. Clinical recommendations. Peptic ulcer disease. [https://cr.minzdrav.gov.ru/preview-cr/277\\_2](https://cr.minzdrav.gov.ru/preview-cr/277_2)
13. Clinical recommendations. Stomach cancer. [https://cr.minzdrav.gov.ru/preview-cr/574\\_1](https://cr.minzdrav.gov.ru/preview-cr/574_1)
14. Clinical recommendations. Crohn's disease. [https://cr.minzdrav.gov.ru/preview-cr/176\\_2](https://cr.minzdrav.gov.ru/preview-cr/176_2)
15. Clinical recommendations. Ulcerative colitis. [https://cr.minzdrav.gov.ru/preview-cr/193\\_2](https://cr.minzdrav.gov.ru/preview-cr/193_2)
16. Clinical recommendations. Diverticular disease. [https://cr.minzdrav.gov.ru/preview-cr/179\\_3](https://cr.minzdrav.gov.ru/preview-cr/179_3)

17. Clinical recommendations. Hemorrhoids. [https://cr.minzdrav.gov.ru/preview-cr/178\\_2](https://cr.minzdrav.gov.ru/preview-cr/178_2)
18. Clinical recommendations. Acute non-cancerous intestinal obstruction. [https://cr.minzdrav.gov.ru/preview-cr/327\\_3](https://cr.minzdrav.gov.ru/preview-cr/327_3)
19. Clinical recommendations. Acute intestinal obstruction of tumor etiology. [https://cr.minzdrav.gov.ru/preview-cr/462\\_2](https://cr.minzdrav.gov.ru/preview-cr/462_2)
20. Clinical recommendations. Rectal cancer. [https://cr.minzdrav.gov.ru/preview-cr/554\\_3](https://cr.minzdrav.gov.ru/preview-cr/554_3)
21. Clinical recommendations. Varicose veins of the lower extremities. [https://cr.minzdrav.gov.ru/preview-cr/680\\_2](https://cr.minzdrav.gov.ru/preview-cr/680_2)
22. Clinical recommendations. Benign breast dysplasia. [https://cr.minzdrav.gov.ru/preview-cr/598\\_3](https://cr.minzdrav.gov.ru/preview-cr/598_3)
23. Clinical recommendations. Breast cancer. [https://cr.minzdrav.gov.ru/preview-cr/379\\_4](https://cr.minzdrav.gov.ru/preview-cr/379_4)

*Additional readings:*

1. Fedorov A.G., Davydova S.V., Ivanov V.A., Klimov A.E. Acute pancreatitis. Pancreatonecrosis. Textbook. M. 2021. RUDN Publishing House.
2. Lebedev N.V., Klimov A.E., Barkhudarov A.A., Klimenko A.S. Acute pancreatitis: Clinic. Diagnostics. Treatment. Textbook. M. 2021. RUDN Publishing House.
3. Klimov A.E., Uzoma C.C., Mylnikov A.G., Barkhudarov A.A., Klimenko A.S. Colonic diverticular disease. Textbook. M. 2022. RUDN Publishing House
4. Surgical diseases. Edited by A.F.Chernousov, M.: GEOTAR-Media, 2014
5. Zatevakhin I.I., Kiriyenko A.I., Kubyshkin V.A. Abdominal surgery. National Leadership. - M.: GEOTAR-MEDIA, 2016 - 912c
6. Saveliev V.S., Kiriyenko A.I. National Guidelines "Clinical surgery" in 3 volumes.. - M.: GEOTAR-Media, 2008 - 2010.
7. Klimov A.E., Barkhudarov A.A., Popov V.S. and others. Collection of test tasks on the discipline "Faculty surgery". M. 2019. RUDN Publishing House
8. Shine M., Rogers P., Assalia A. "Common sense in emergency abdominal surgery, 3rd edition, Russian Surzhinet, 2015, 651 p.
9. Kiriyenko A.I., Chernyavsky A.M., Andriyashkin V.V. (ed.) "Thromboembolism pulmonary arteries: how to treat and prevent." - M.: MIA, 2015.
10. Kiriyenko A.I., Panchenko E.P., Andriyashkin V.V. "Venous thrombosis in the practice of a therapist and surgeon." - M.: PLANIDA, 2012

**Database, information and referral systems and search systems.**

1. EBS RUDN and third-party EBS, to which university students have access on the basis of concluded contracts
  - RUDN Electronic Library system - EBS RUDN <http://lib.rudn.ru/MegaPro/Web>
  - EBS "University Library Online" <http://www.biblioclub.ru>
  - ABS Yurayt <http://www.biblio-online.ru>
  - EBS "Student Consultant" [www.studentlibrary.ru](http://www.studentlibrary.ru)
  - EBS "Znaniy" <https://znaniy.ru/>
2. Databases and search engines
  - electronic Fund of legal and normative-technical documentation <http://docs.cntd.ru/>
  - search engine Yandex <https://www.yandex.ru/>
  - Google search engine <https://www.google.ru/>

- SCOPUS abstract database <http://www.elsevierscience.ru/products/scopus/>

3. Additional materials:

- Gastrointestinal endoscopy portal. The portal contains constantly updated videos, reports, articles, reports on diagnostic and operative endoscopy; there is an extensive selection of links to Internet resources on endoscopy, gastroenterology, search engines for access to medical journals. <http://www.gi-endo.ru/>

- Website ENDOSCOPY.RU. A website where you can find complete and professional information about modern achievements, possibilities and prospects of diagnostic and therapeutic endoscopy. Of particular interest is the subsection "Methodological recommendations". <http://www.endoscopy.ru/>

- Medical portal MedUniver. The portal contains a medical photo atlas, videos on various branches of medicine, and a medical electronic library. <http://meduniver.com/>

- Portal about surgery. Contains materials on the most common surgical diseases (clinic, diagnosis and treatment). <http://www.hyurg.com/>

- Medical video portal. The site contains video recordings of lectures from leading Russian medical universities; surgical operations with comments; presentations at scientific medical congresses and conferences; three-dimensional animated videos that clearly demonstrate the work of various organs and systems; educational materials on fundamental sciences; directory of medical sites; a forum for the exchange of views; information about medical institutions. <http://www.med-edu.ru/>

*Educational and methodological materials for students' independent work in the development of the discipline/module\*:*

1. Guidelines for the implementation and execution of control and independent work on the discipline

\* - all educational and methodological materials for students' independent work are placed in accordance with the current procedure on the page of the discipline in TUIS!

**8. EVALUATION MATERIALS AND POINT-RATING SYSTEM FOR ASSESSING THE LEVEL OF COMPETENCE FORMATION IN THE DISCIPLINE**

Evaluation materials and point-rating system\* for assessing the level of competence formation (PC-1, PC-2, PC-3, PC-4, PC-6) based on the results of mastering the discipline "Faculty surgery" are presented in the Appendix to this Work Program.

**DEVELOPERS:**

Associate Professor, Department  
of Faculty Surgery

\_\_\_\_\_  
position, department name

\_\_\_\_\_  
signature

A.A. Barkhudarov

\_\_\_\_\_  
initials, last name

Assistant Professor, Department  
of Faculty Surgery

\_\_\_\_\_  
position, department name

\_\_\_\_\_  
signature

A.S. Berisha

\_\_\_\_\_  
initials, last name

**HEAD OF THE DEPARTMENT:**

Head of the Department of  
Faculty Surgery

\_\_\_\_\_

A.E. Klimov

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position, department name

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signature

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initials, last name

**HEAD OF THE PROGRAMME:**

**Deputy Director of MI**  
position, department name

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signature

**N.V. Sturov**  
initials, last name