

FEDERAL STATE BUDGET EDUCATIONAL INSTITUTION  
OF HIGHER EDUCATION  
"ROSTOV STATE MEDICAL UNIVERSITY"  
MINISTRY OF HEALTH OF THE RUSSIAN FEDERATION

Faculty of Education of foreign students, residents and postgraduates

CONFIRM  
Supervisor  
educational program 2  
/ E.S. Belousova /  
(signature) (FULL NAME.)  
" 31 " abrysova 2023

**THE PROGRAM OF EDUCATIONAL PRACTICE**

SURGICAL PRACTICE

Speciality 31.05.01 General medicine

Form of education full-time

Rostov-on-Don  
2023

## **1. PURPOSE OF PRACTICE**

The purpose of the industrial practice “Surgical Practice” is to master and consolidate the skills of medical practice acquired in practical classes during the academic year at the department while studying the “Faculty Surgery” program.

## **2. OBJECTIVES OF PRACTICE**

The objectives of the production practice “Surgical Practice” are:

1. Master the main stages of diagnostic and treatment work with the patient’s bedside in the process of independent medical practice with constant monitoring and correction by her teacher.
2. Master basic health care skills surgical patients in a hospital setting.
3. Learn to design yourself medical  
documentation.
4. Familiarize yourself with the organization of work in a surgical hospital profile.
5. Master the methods of health education work among sick medical institutions.

## **3. PLACE OF DISCIPLINE IN THE STRUCTURE OF HE EP**

Mandatory

## **4. TYPE OF PRACTICE**

Production

## **5. COMPETENCIES, MOLDED IN RESULT PRACTICE**

The study of the discipline is aimed at developing competencies in accordance with the Federal State Educational Standard of Higher Education and the EP of Higher Education in this specialty:

Professional: PC-2.

The total labor intensity of industrial practice is 2 credit units (72 hours), practice is implemented in the 8th semester.

## **6. STRUCTURE AND CONTENT OF PRACTICE**

No.	Stages practices	Hard worker bone (hour)	Skills acquired according to competencies, labor actions, required skills, necessary knowledge	Shapes of the current control	
1	Preparational stage	2	Safety briefing. Distribution by workplace.	Control teacher	
2	Produced relative ny stage	Base CSO	thirty 18	<p><b>PC2Labor actions:</b></p> <p>Collection of complaints, medical history and illness of the patient</p> <p>Conducting a complete physical examination of the patient (examination, palpation, percussion, auscultation)</p> <p>Formulating a preliminary diagnosis and drawing up a plan for laboratory and instrumental examinations of the patient</p> <p>Direction patient on laboratory examination if there are medical indications 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</p> <p>Referring the patient for an instrumental examination if there are medical indications 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</p> <p>Referring the patient for 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 the provision of medical care, taking into account the standards of medical care</p> <p>Referring a patient to provide 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 provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care</p> <p>Carrying out differential diagnosis with other diseases/conditions, including emergencies</p> <p>Establishing a diagnosis taking into account the current international statistical classification of diseases and health-related problems</p> <p><b>Required skills</b> Collect complaints history of the patient's life and illness and analyze the information received</p> <p>Conduct a complete physical examination of the patient (inspection, palpation, percussion, auscultation) and interpret its results</p> <p>Justify the need for laboratory examination of the patient And volume</p> <p>Justify the need for instrumental examination of the patient And volume</p> <p>Justify the patient's need for consultations with medical specialists</p> <p>Analyze received results</p>	Interview

				<p>examination of the patient, if necessary, justify and plan the scope of additional research</p> <p>Interpret the results of collecting information about the patient's disease</p> <p>Interpret data, received at laboratory examination of the patient</p> <p>Interpret data, instrumental received at examination of the patient</p> <p>Interpret data obtained during patient at consultations with medical specialists</p> <p>Carry out early diagnosis of diseases of internal organs</p> <p>Conduct differential diagnostics internal diseases organs from others diseases</p> <p>Determine the priority of the volume, content and sequence of diagnostic measures</p> <p>Determine medical indications for emergency, including emergency specialized medical care</p> <p><b>Required knowledge:</b></p> <p>Procedures for the provision of medical care, clinical recommendations (treatment protocols) regarding the provision of medical care, standards of medical care</p> <p>Patterns of functioning of a healthy human body and mechanisms for ensuring health from the perspective of the theory of functional systems; Features of the regulation of functional systems of the human body during pathological processes</p> <p>Laboratory methods And instrumental studies to evaluate state health, medical indications for conducting research, rules for interpreting their results</p> <p>Etiology, pathogenesis and pathomorphology, clinical picture, differential diagnosis, features of the course, complications and outcomes of diseases of internal organs</p> <p>Methodology for collecting complaints, life history and illness of the patient</p> <p>Method of complete physical examination of the patient (inspection, palpation, percussion, auscultation)</p>	
3	Test		2		<p>According to the results current control knowledge and registration diaries practices</p>
4	Samost nice and I Job		22	Studying literature, preparing a practice diary	
	TOTAL (hour) ZET		72 2		

## 7. FORM AND DOCUMENTATION OF CURRENT AND INTERIM CERTIFICATIONS

Certification practical preparation held V form interviews for industrial practice. The basis for credit is the student's answers to control questions on routine monitoring and a practice diary containing the student's characteristics, certified by the signature of the practice manager and the seal of the medical organization.

**8. FUND OF ASSESSMENT MATERIALS** to determine the level the formation of competencies as a result of internship is an appendix to the internship work program

## 9. INFORMATION TECHNOLOGY, SOFTWARE SOFTWARE AND INFORMATION REFERENCE SYSTEMS USED IN PRACTICE

Consultant Plus [Electronic resource]: reference. legal system. – Access mode: <http://www.consultant.ru> [03/06/2023].

## 10. EDUCATIONAL AND METHODOLOGICAL AND INFORMATIONAL PROVIDING PRACTICE

### 10.1. Printed publications

1. Surgical diseases: textbook [rec. GBOU VPO First Moscow. state honey. University named after THEM. Sechenov] / ed. M.I. Cousin. – 4th ed., revised. and additional - M.: GEOTAR-Media, 2018. - 991 p. : ill.

2. **Kuzin, M.I. Surgical diseases [Electronic resource]:** textbook / M.I. Kuzin [and others]. - M.: GEOTAR-Media, 2020. - 1024 p. - EBS "Student Consultant" - Access mode: <https://www.studentlibrary.ru/book/ISBN9785970454381.html>

3. Procedures for providing medical care to the population of the Russian Federation.

<https://www.rosminzdrav.ru/ministry/61/4/stranitsa-857/poryadki-okazaniyameditsinskoy-pomoschi-naseleniyu-rossiyskoy-federatsii>

4. Approved standards medical help. <https://www.rosminzdrav.ru/opendata/7707778246->

[utverzdenniestandartimedicinskoipomoshi/visual](https://www.rosminzdrav.ru/opendata/7707778246-utverzdenniestandartimedicinskoipomoshi/visual)

5. Alekseev, S. A. Surgical diseases. Workshop = Surgical diseases. Practice book: textbook / S. A. Alekseev, M. N. Petrova. - Minsk: Higher School, 2020. - 222 p. - ISBN 978-985-06-3163-3. - Access from the EBS "Student Consultant". – Text: electronic.

6. Krylov, N. N. Surgical diseases: in 2 volumes: T. 1: textbook / ed. Krylova N. N. - Moscow: GEOTAR-Media, 2019. - 816 p. - ISBN 978-5-9704-5098-7. - Access from the EBS "Student Consultant". – Text: electronic.

7. Krylov, N. N. Surgical diseases: T. 2: textbook / ed. Krylova N.N. - Moscow: GEOTAR-Media, 2019. - 592 p. - ISBN 978-5-9704-5099-4. - Access from the EBS "Student Consultant". - Text: electronic.
8. Kuzin, M. I. Surgical diseases: textbook / M. I. Kuzin, N. M. Kuzin, V. A. Kubyshkin [etc.]. - 5th ed. , processed and additional - Moscow: GEOTAR-Media, 2022. - 1024 p. - ISBN 978-5-9704-7014-5. - Access from the EBS "Student Consultant". - Text: electronic.
9. Surgical diseases. Guide to practical classes: textbook / ed. N.V. Merzlikina. - Moscow: GEOTAR-Media, 2023. - 840 p. - ISBN 978-5-9704-7315-3. - Access from the EBS "Student Consultant". - Text: electronic.

## 10.2. Internet resources

	<b>ELECTRONIC EDUCATIONAL RESOURCES</b>	<b>Access to the resource</b>
	<b>Electronic library RostSMU.</b> - URL: <a href="http://109.195.230.156:9080/opacq/">http://109.195.230.156:9080/opacq/</a>	Access is not limited
	<b>Consultant student</b> [Kits: "Medicine. Healthcare. IN"; "Medicine. Healthcare. SPO"; "Psychological Sciences"]; Electronic library system. - Moscow: Politekhresurs LLC. - URL: <a href="https://www.studentlibrary.ru">https://www.studentlibrary.ru</a> + opportunities for inclusive education	Access is not limited
	<b>Consultant doctor Electronic medical library:</b> Electronic library system. - Moscow: LLC "Higher School of Healthcare Organization and Management. Complex medical consulting". - URL: <a href="http://www.rosmedlib.ru">http://www.rosmedlib.ru</a> + opportunities for inclusive education	Access is not limited
	<b>Scientific electronic library eLIBRARY.</b> - URL: <a href="http://elibrary.ru">http://elibrary.ru</a>	Open access
	<b>National Electronic Library.</b> - URL: <a href="http://neb.rf/">http://neb.rf/</a>	Access from computers libraries
	<b>DB publishing houses Springer Nature.</b> - URL: <a href="https://link.springer.com/">https://link.springer.com/</a> ByIP addresses of RostSMU and remotely after registration, remotely through KIAS RFBR <a href="https://kias.rfbr.ru/reg/index.php">https://kias.rfbr.ru/reg/index.php</a> (National project)	Access is not limited
	<b>Wiley Online Library</b> /John Wiley & Sons. - URL: <a href="http://onlinelibrary.wiley.com">http://onlinelibrary.wiley.com</a> ByIP addresses of RostSMU and remotely after registration (National project)	Access limited
	<b>Wiley. Full text collection electronic Medical Sciences Journal Backfile:</b> archive. - URL: <a href="https://onlinelibrary.wiley.com/">https://onlinelibrary.wiley.com/</a> ByIP addresses of RostSMU and remotely after registration (National project)	Indefinite subscription

	<b>Sage Publication:</b> [full text collection of electronic bookBookCollections].- <a href="https://sk.sagepub.com/bookCollections">https://sk.sagepub.com/bookCollections</a> URL: <a href="https://sk.sagepub.com/bookCollections/discipline">discipline</a> RostSMU(National project) By IP addresses	Indefinite subscription
	<b>Ovid Technologies:</b> [Full-text archival collection Lippincott Williams and Wilkins Archive Journals]. - URL: <a href="https://ovidsp.ovid.com/autologin.cgi">https://ovidsp.ovid.com/autologin.cgi</a> ByIP addresses of RostSMU(National project)	Indefinite subscription
	<b>Questel database Orbit Premium edition:</b> database patent search <a href="http://www.orbit.com/">http://www.orbit.com/</a> ByIP addresses of RostSMU (National project)	Access limited
	<b>Wiley:</b> official "Open Access" section/John Wiley & website; Sons. - URL: <a href="https://authorservices.wiley.com/open-research/open-access/browse-journals.html">https://authorservices.wiley.com/open-research/open-access/browse-journals.html</a>	Content open access
	<b>Russian education. Single window of access:</b> federal portal.-URL: <a href="http://www.edu.ru/">http://www.edu.ru/</a> .- New educational environment.	Open access
	<b>Federal Center for Electronic Educational Resources.</b> - URL: <a href="http://srtv.fcior.edu.ru/">http://srtv.fcior.edu.ru/</a>	Open access
	<b>Electronic library Russian fund basic research(RFBR).</b> -URL: <a href="http://www.rfbr.ru/rffi/ru/library">http://www.rfbr.ru/rffi/ru/library</a>	Open access
	<b>Federal Electronic Medical Library of the Russian Ministry of Health.</b> - URL: <a href="https://femb.ru/femb/">https://femb.ru/femb/</a>	Open access
	<b>Cochrane Library:</b> official website ; chapter "Open Access". - URL: <a href="https://cochranelibrary.com/about/open-access">https://cochranelibrary.com/about/open-access</a>	Content open access
	<b>Cochrane Russia:</b> Russian branch of Cochrane cooperation/RMANPO.- URL: <a href="https://russia.cochrane.org/">https://russia.cochrane.org/</a>	Content open access
	<b>Webmedinfo.ru:</b> website [open information-educational medical resource]. - Moscow. - URL: <a href="https://webmedinfo.ru/">https://webmedinfo.ru/</a>	Open access
	<b>Univadis from Medscape:</b> international honey. portal. - URL: <a href="https://www.univadis.com/">https://www.univadis.com/</a> [Regularly updated database of unique information and educational medical resources].	Free registration
	<b>Med-Edu.ru:</b> medical educational video portal. - URL: <a href="http://www.med-edu.ru/">http://www.med-edu.ru/</a> .Free registration.	Open access
	<b>Doctor's world:</b> professional portal [information resource for doctors and students]. - URL: <a href="https://mirvracha.ru.">https://mirvracha.ru.</a>	Free registration
	<b>DoctorSPB.ru:</b> information-reference portal about medicine [for students and doctors]. - URL: <a href="http://doctorspb.ru/">http://doctorspb.ru/</a>	Open access
	<b>BEARWEST :</b> portal of the Russian doctor [library, knowledge base]. - URL: <a href="https://medvestnik.ru">https://medvestnik.ru</a>	Open access

	<b>PubMed</b> : electronic search engine system [By biomedical research of the National Center for Biotechnology Information (NCBI, USA)]. - URL: <a href="https://pubmed.ncbi.nlm.nih.gov/">https://pubmed.ncbi.nlm.nih.gov/</a>	Open access
	<b>Cyberleninka Open Science Hub:</b> open scientific electronic library of publications in foreign languages. - URL: <a href="https://cyberleninka.org/">https://cyberleninka.org/</a>	Content open that access
	<b>Scientific heritage of Russia: eelectronic library /</b> MSC RAS.- URL: <a href="http://www.e-heritage.ru/">http://www.e-heritage.ru/</a>	Open access
	<b>Presidential Library:</b> website. -URL: <a href="https://www.prlib.ru/collections">https://www.prlib.ru/collections</a>	Open access
	<b>SAGE Openaccess:</b> open access resources /Sage Publications. – URL: <a href="https://uk.sagepub.com/en-gb/eur/open-access-at-sage">https://uk.sagepub.com/en-gb/eur/open-access-at-sage</a>	Content open that access
	<b>EBSCO &amp; Open Access:</b> open access resources. – URL: <a href="https://www.ebsco.com/open-access">https://www.ebsco.com/open-access</a>	Content open that access
	<b>Lvrach.ru:</b> honey. scientific-practical portal [largest prof. resource for doctors and honey. community, created on the basis of scientific and practical. magazine "Attending Physician"]. - URL: <a href="https://www.lvrach.ru/">https://www.lvrach.ru/</a>	Open access
	<b>ScienceDirect:</b> official "Open Access" section/ website; Elsevier. - URL: <a href="https://www.elsevier.com/open-access/open-access-journals">https://www.elsevier.com/open-access/open-access-journals</a>	Content open access
	<b>Taylor &amp; Francis. Dove Medical Press. Open access journals:</b> open access journals. –URL: <a href="https://www.tandfonline.com/openaccess/dove">https://www.tandfonline.com/openaccess/dove</a>	Content open access
	<b>Taylor &amp; Francis. Open access books:</b> books open access. – URL: <a href="https://www.routledge.com/our-products/open-access-books/taylor-francis-oa-books">https://www.routledge.com/our-products/open-access-books/taylor-francis-oa-books</a>	Content open access
	<b>Thieme. Open access journals:</b> open logs access/ Thieme Medical Publishing Group. – URL: <a href="https://open.thieme.com/home">https://open.thieme.com/home</a>	Content open that access
	<b>Karger Open Access:</b> open access journals/S. Karger A.G. – URL: <a href="https://www.karger.com/OpenAccess/AllJournals/Index">https://www.karger.com/OpenAccess/AllJournals/Index</a>	Content open that access
	<b>Archive of scientific journals/</b> NP NEIKON. -URL: <a href="https://arch.neicon.ru/xmlui/">https://arch.neicon.ru/xmlui/</a>	Open access
	<b>Russian doctor:</b> website [news for doctors and medical archive. magazines]/ Publishing House "Russian Doctor". - URL: <a href="https://rusvrach.ru/">https://rusvrach.ru/</a>	Open access
	<b>Directory of Open Access Journals:</b> [full text magazines from 121 countries, incl. in medicine, biology, chemistry]. - URL: <a href="http://www.doaj.org/">http://www.doaj.org/</a>	Open access
	<b>Free Medical Journals.</b> - URL: <a href="http://freemedicaljournals.com">http://freemedicaljournals.com</a>	Open access



<a href="http://www.freebooks4doctors.com">Free Medical Books.</a> - URL:	Open access
<a href="http://www.scientific-publications.net/ru/">International Scientific Publications.</a> - URL:	Open access
<b>Eco-Vector:</b> portal of scientific journals/IT platform of the Russian group of companies "ECO-Vector". - URL: <a href="http://journals.eco-vector.com/">http://journals.eco-vector.com/</a>	Open access
<b>Medline.Ru:</b> scientific biomedical journal : online electronic edition. - URL: <a href="http://www.medline.ru">http://www.medline.ru</a>	Open access
<b>Medical Bulletin of the South of Russia:</b> electron. magazine/ RostSMU. - URL: <a href="http://www.medicalherald.ru/jour">http://www.medicalherald.ru/jour</a>	Open access
<b>Categories</b> clinical recommendations of the Ministry of Health Russia. - URL: <a href="https://cr.minzdrav.gov.ru/">https://cr.minzdrav.gov.ru/</a>	Open access
<b>Ministry of Health of the Russian Federation</b> : official website. - URL: <a href="https://minzdrav.gov.ru">https://minzdrav.gov.ru</a>	Open access
<b>World Health Organization:</b> official website. - URL: <a href="http://who.int/ru/">http://who.int/ru/</a>	Open access
<b>Ministry Sciences And higher education</b> Russian Federation : official website. - URL: <a href="http://minobrnauki.gov.ru/">http://minobrnauki.gov.ru/</a> (Yandex search engine)	Open access
<b>Modern problems of science and education:</b> electron. magazine. Online publication. - URL: <a href="http://www.science-education.ru/ru/issue/index">http://www.science-education.ru/ru/issue/index</a>	Open access
<b>Dictionaries and encyclopedias on Academician.</b> - URL: <a href="http://dic.academic.ru/">http://dic.academic.ru/</a>	Open access

### 10.3. Guidelines for students on mastering the discipline

1. A manual for mastering practical skills in surgical disciplines: educational and methodological manual for students of the medical and preventive faculty / I. I. Katelnitsky, S. V. Lukyanov, N. G. Sapronova [etc.]; Height. state honey. university, department surgeon. diseases No. 1. – Rostov-on-Don: RostSMU, 2015. – 299 p. : ill. – Access from RostSMU Electronic Library. – Text: electronic.

2. Sapronova, Natalia Germanovna. Portal hypertension: principles of diagnosis and surgical treatment: a textbook for medical students. universities / N. G. Sapronova; Height. state honey. university, department surgical diseases No. 1. - Rostov-on-Don: RostSMU, 2019. - 119 p. : ill. – Access from RostSMU Electronic Library. – Text: electronic.

3. Hospital-replacing technologies in the treatment of patients with trophic ulcers of the lower extremities: a textbook [for students of medical universities] / Igor Ivanovich Katelnitsky, Ivan Ivanovich Katelnitsky, Stanislav Viktorovich Lukyanov, Ekaterina Sergeevna

Livadnyaya; Height. state honey. university, department surgeon. diseases No. 1. – Rostov-on-Don: RostSMU, 2020. – 114 p.: ill., table. – Access from RostSMU Electronic Library. – Text: electronic.