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 _____/ ES Belousova / (signature) (FULL NAME.) ______20_

DISCIPLINE WORKING PROGRAM

NEW TECHNOLOGIES IN SURGERY

Specialty05/31/01 General medicine

Form of education<u>full-time</u>

Rostov-on-Don 2023 1.1.**Target**mastering the discipline: developing students' theoretical knowledge and skills to diagnose surgical diseases, determine the method of their treatment and prevention, and form the foundations of clinical thinking in a future specialist.

1.2. Tasks studying the discipline:

- Developing a treatment plan for a surgical disease or condition, taking into account diagnosis, age and clinical picture 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;
- Prescription of drugs, medical devices and therapeutic 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 recommendations (treatment protocols) for the provision of medical care, taking into account the standards of medical care;
- Prescription of surgical treatment taking into account 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;
- Assessment of the effectiveness and safety of the use of drugs, medical products, medical nutrition and surgical treatment methods;
- Providing palliative medical care (operations) in cooperation with medical specialists and other medical professionals; Organization of personalized treatment for a patient with surgical
- pathology, including pregnant women, elderly and senile patients, assessment of the effectiveness and safety of treatment.

II. REQUIREMENTS FOR THE RESULTS OF MASTERING THE DISCIPLINE

The study of the discipline is aimed at developing competencies in accordance

with Federal State Educational Standards of Higher Education and EP of Higher Education in this specialty:

2. Professional: PC - 3.

III. THE PLACE OF DISCIPLINE IN THE STRUCTURE OF EP VO

3.1. The discipline belongs to the variable part.

IV. CONTENT AND STRUCTURE OF DISCIPLINE

The labor intensity of the discipline is 3 - 2, hour - 72.

4.1. Sections of the discipline studied in the 9th semester

	Section name		Number of hours					
No. section		Total	Contact Job				SRS	
			L	WIT	HETC	LR		
	Semester 9							
1	New technologies in surgery	72	12		32		28	
Total for the semester		72	12		32		28	
Interim co assessme		·	t	est				
<i>Total for the discipline:</i>		72	12		32		28	

SRS- independent work of students **L**-lectures

WITH- seminars

LR -laboratory works ETC-

practical lessons

4.2. Contact work

Lectures

No. section	No. lectures	Lecture topics	Qty hours
		Semester 9	
1	1	Current state and prospects for the development of surgery	2
1	2	Gastrointestinal bleeding. Modern methods of diagnosis and hemostasis	2
1	3	Laparoscopic hernioplasty	2
1	4	Laparoscopic antireflux operations for diseases of the diaphragm	2
1	5	Minimally invasive methods for treating chronic hemorrhoids	2
1	6	Bariatric surgery	2
Total for the shou			12
Total hours	s discipline	2:	12

Seminars, practical work

No. section	No. seminar, ETC	Topics of seminars, practical work	^{Number} in hours	Forms current control
	·	Semester 9		
1	1	Current trends in the development of new technologies in surgery	3	Interview
1	2	Gastrointestinal bleeding. Modern methods diagnostics and hemostasis	3	Interview
1	3	Modern principles of treatment of portal hypertension syndrome	3	Interview
1	4	Laparoscopic hernioplasty	3	Interview
1	5	Laparoscopic fundoplication	2	Interview
1	6	Minimally invasive methods treatment chronic hemorrhoids	3	Interview
1	7	Disarterialization of hemorrhoids (HAL RAR)	2	Interview
1	8	Modern minimally invasive methods treatment of rectal fistulas	2	Interview
1	9	Transrectal endoscopic operations (TEO)	2	Interview
1	10	Lararoscopic operations at morbid obesity	3	Interview

No. section	No. seminar, ETC	Topics of seminars, practical work		Forms current control
1	eleven	Robot-assisted surgery	3	Interview
1	12	Laparoscopically assisted colon surgery	3	Interview
Total for the semester hours			32	
Total hours discipline:			32	

4.3. Independent work of students

No. section	Type of independent work of students	^{Number} in hours	Shapes of the current control
	Semester 9		
1	Preparation for classes	14	Interview
1	1Preparation for current control14		Interview
Total hours per semester		28	
Total hours discipline:		28	

V. ASSESSMENT MATERIALS FOR CURRENT CONTROL, INTERMEDIATE CERTIFICATION (are an

appendix to the work program).

VI. EDUCATIONAL AND METHODOLOGICAL SUPPORT OF DISCIPLINE

6.1. 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-okazaniya-meditsinskoypomoschinaseleniyu-rossiyskoy-federatsii

4. Approved standards of medical care. 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 s. - 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. Nurmakov, D. A. Surgical diseases / D. A. Nurmakov - Moscow: Litterra, 2017. - 640 p. - ISBN 978-5-4235-0240-9. - Access from the EBS "Student Consultant". – Text: electronic.

10. Savelyev, V. S. Surgical diseases. In 2 volumes. Volume 1: textbook / ed. V. S. Savelyeva, A. I. Kiriyenko. - 2nd ed. , processed and additional - Moscow: GEOTAR-Media, 2017. - 720 p. - ISBN 978-5-9704-3998-2. - Access from the EBS "Student Consultant". – Text: electronic.

11. Savelyev, V. S. Surgical diseases. In 2 volumes. Volume 2: textbook / ed. V. S. Savelyeva, A. I. Kiriyenko. - 2nd ed. , processed and additional - Moscow: GEOTAR-Media, 2017. - 688 p. - ISBN 978-5-9704-3999-9. - Access from the EBS "Student Consultant". – Text: electronic.

12. 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.

	ELECT	RONIC			Access
	EDUCATIONAL	RESOURCES			to the resource
Electronic	library	RostSMU.	_	URL:	Access
http://109.195.23	0.156:9080/opacg/	/			is not limited
Student Advis	or [Kits: "Medicin	e. Healthcare. IN";	"Medic	ine.	
		al Sciences"]: Electr	onic lib	orary	Access
system. – Moso	ow: Politekhresi	urs LLC.		_	is not limited
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Doctor's consu	ultant. Electron	ic medical library:	Electro	onic	
library system.	- Moscow: LLC "	'Higher School of O	rganiza	ation and	Access
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URL:http://www	v.rosmedlib.ru +	opportunities for i	nclusiv	e	
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6.2. Internet resources

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Wiley Online Library /John Wiley & Sons URL: <u>http://</u>	limited
onlinelibrary.wiley.com ByIP addresses of RostSMU and remotely	innited
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Wiley. Full-text collection of electronic journals Medical	Indefinite
Sciences Journal Backfile:archive. –URL: https://	subscription
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after registration <i>(National project)</i>	
Sage Publication:[full text collection of e-books eBook Collections]. –	Indefinite
URL: <u>https://sk.sagepub.com/books/discipline</u> By IP addresses of	subscription
RostSMU <i>(National project)</i>	
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Lippincott Williams and Wilkins Archive Journals]. – URL: https://	subscription
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Russian education. Single window of access: federal portalURL:	
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Federal Center for Electronic Educational Resources URL:	
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Research(RFBR)URL:http://www.rfbr.ru/rffi/ru/library	access
Federal Electronic Medical Library of the Russian Ministry of	Open
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http://www.e-heritage.ru/ access Presidential Library: website, -URL: Open https://www.prlib.ru/collections access SAGE Openaccess:open access resources /Sage Publications, - URL: Content open https://uk.sagepub.com/en_gb/eur/open-access-at-sage that access EBSCO & Open Access:open access resourcesURL: https:// Content open www.ebsco.com/open-access Urach.ruthoney, scientific-practical portal flargest prof. resource for doctors Open and medical community, created on the basis of scientific and practical. access access magazine "Attending Physician"] URL: https://www.vlach.ru/ Open access nagazine "Attending Physician"] URL: https://www.lasevier.com/open-access/open-access-journals Open access open access journals URL: URL: Open access https://www.tandfonline.com/openaccess/ove_ Content open access books/taylor-francis-oa-books Content open access https://www.karger.com/OpenAccess/ournals/S. Karger AG URL: Content open that access books/taylor-francis-oa-books NP NP Content open		Open
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6.3. Guidelines for students on mastering the discipline

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