

ЛД-16 ИН

Federal State Budgetary Educational Institution of Higher Education
«North-Ossetia State Medical Academy»
of the Ministry of Healthcare of the Russian Federation



УТВЕРЖДАЮ
Ректор ФГБОУ ВО СОГМА
Минздрава России

О.В. Ремизов
«30» марта 2022 г.

**EDUCATIONAL TRAINING PROGRAM
SCIENTIFIC RESEARCH WORK**

of the main educational program of higher education – specialty program in the specialty
31.05.01 General Medicine, approved in 30.03.2022
The form of education is full-time
The period of development in 6 years
Department of Surgery Diseases No. 2

Vladikavkaz, 2022

When developing the educational training program of the discipline is based on:

1. Federal State Educational Standard of Higher Education in the specialty 31.05.01 General Medicine, approved by the Ministry of Education and Science of the Russian Federation on February 09, 2016 No. 95

2. Academic plan on specialty 31.05.01 General Medicine,

ЛД-16-04-18 ИИ

ЛД-16-05-19 ИИ

ЛД-16-06-20 ИИ, approved by the Scientific Council of the Federal State Budgetary Educational Institution of Higher Education «North Ossetia State Medical Academy» of the Ministry of Healthcare of Russian Federation 30/03/2022 protocol No. 6

The educational training program of the discipline was approved at a meeting of the Department of Surgery from 18,03, 2022, protocol No. 8

The educational training program of the discipline was approved at a meeting of the central coordinating training and methodological council from 22, 03, 2022, protocol No. 4.

The educational training program of the discipline is approved by the Scientific Council

Developers:

Professor of the department,
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Content of the practice program**1. indication of the type of practice, method and form of its implementation;**

2. the list of the planned results of training during the internship, correlated with the planned results of the development of the educational program;
3. indication of the place of practice in the structure of the educational program;
4. indication of the amount of practice in credits and its duration in weeks or in academic or astronomical hours;
5. content of the practice;
6. indication of practice reporting forms;
7. the fund of evaluation funds for conducting intermediate certification of students in practice;
8. list of educational literature and Internet resources required for practical training;
9. list of information technologies used in the practice, including a list of software and information reference systems (if necessary);
10. description of the material and technical base necessary for the practice.

1. Indication of the type of practice, method and form (forms) of its implementation

Practice type - clinical practice.

The practice is carried out in a stationary manner. problems in the professional activity of a doctor

Carrying out form – continuous

Formation of skills and abilities of research work for the complex solution of scientific and practical.

2. A list of planned learning outcomes during internship, correlated with the planned results of mastering the educational program

№ №	Competence number / index	The content of the practice (or its section)	Development results		
			know	be able	own
1	2	3	4	5	6
	GPC-1	readiness to solve standard tasks of professional activity using information, bibliographic resources, biomedical terminology, information communication technologies and accounting basic information security requirements	<p>methods of collecting scientific information: using Internet resources, domestic and foreign literary sources: non-periodical publications (books, brochures, monographs, textbooks); periodicals (magazines, methods of collecting scientific information: using Internet resources, domestic and foreign literary sources: non-periodical publications (books, brochures, monographs, textbooks); periodicals (magazines,</p> <p>methods of collecting scientific information: using Internet resources, domestic and foreign literary sources: non-periodical publications (books, brochures, monographs, textbooks);) periodicals (magazines, methods of collecting scientific information: using Internet resources, domestic and foreign literary sources: non-periodical publications (books, brochures, newspapers); special technical publications (instructions, standards, patent documents, technical catalogs); unpublished (scientific reports and projects, dissertations, library catalogs, deposited manuscripts);</p> <p>- features and principles of using telemedicine technologies (telemonitoring telemedicine ue)</p>	<p>-analyze socially significant problems and processes;</p> <p>- use in practice methods humanitarian, natural scientists,</p> <p>biomedical and clinical sciences in various types of professional and social activities;</p> <p>- apply telemedicine technologies (telemonitoring ng, telemedicine consultations)</p>	<p>analyze socially significant problems and processes;</p> <p>- use in practice methods humanitarian, natural sciences, biomedical and clinical sciences in various types of professional and social activities;</p> <p>- apply telemedicine technologies (telemonitor ng, telemedicine consultations).</p>

	PC-20	willingness to analysis and public presentation medical information on evidence-based medicine	a systematic approach to assessing the state of health of a patient (physical, laboratory, instrumental research methods) and analysis of medical information from the standpoint of evidence-based medicine (medical statistics, pharmacological preparations).	estimate medical information about the patient; - use A, B and C levels of evidence-based medicine; - apply the profile of active, diagnostic and therapeutic activities based on available evidence of their validity and safety effect for use in interests it hurts.	skills and methods and analysis of medical information, literature data, taking into account the systematic approach the use of the principles of evidence-based medicine when performing research.
	PC-21	ability to participate in scientific research	modern theoretical and experimental research methods.	to make a communication on the topic of research for a professional audience; - to present the results of the research in the form of a scientific publication.	methods and skills of studying and analyzing scientific medical information

3. Indication of the place of practice in the structure of the educational program

Industrial practice for obtaining professional skills and professional experience as a doctor's assistant belongs to the basic part of Block 2.

Federal State Educational Standard of Higher Education in the specialty "General Medicine".

4. Indication of the amount of practice in credit units and its duration in weeks or in academic or astronomical hours

№ № II/ II	Type of work		Total credits	Total weeks / hours	Semesters
					8 semester
					hours
1	2		3	4	5
1	Contact work of students with the teacher (total), including: ZET			72	72
2	Student independent work (IWS)			36	36
3	Type of intermediate certification	offset (3)			
		exam (E)			
4	TOTAL: Total labor intensity of	hours			
		3ET	3	108	108

5. Content of the practice

№/п	№ of the semester	Name of the practice section	Total hours
1	2	3	4
1	8	Work with case histories, processing material for research work	36
2	8	Working with literary sources.	36
3	8	Designing the relevant sections of the diary. Preparation and presentation at the scientific and practical conferences, writing an abstract or publishing an article	36
TOTAL:		108	

6. Indication of practice reporting forms

"Diary of industrial practice",

"Student's report on industrial practice".

"Report of the head of the production practice".

7. The fund of evaluation funds for conducting intermediate certification of students in practice

№/п	List of competencies	№ Semester	Assessment indicators	Assessment criteria	Assessment scale	Name of the FE
1	2	3	4	5	6	7
1	GPC-1 PC-20 PC-21	8	see the standard for assessing the quality of education, approved. By order of the FGBOU VO SOGMA Ministry of Health of the Russian Federation from 10.07.2018r	see the standard for assessing the quality of education, approved. By order of the FGBOU VO SOGMA Ministry of Health of the Russian Federation from 10.07.2018r	see the standard for assessing the quality of education, approved. By order of the FGBOU VO SOGMA Ministry of Health of the Russian Federation from 10.07.2018r	Exam tickets for the exam, Control tasks

			№264/o	№264/o	№264/o	
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8.The list of basic and additional educational literature necessary for mastering the discipline

№	Name	The author(s)	Year, place of publication	Number of copies	
				In library	At the department
1	2	3	4	5	6

Basic literature

1	Manipal Manual of Surgery (4th edition)	K Rajgopal Shenoy Anitha Shenoy	CBS Publishers & Distributors, 2019	-	1 http://spinbook.net/books.php?id=812392416X
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Additional literature

2	Lecture Notes: General Surgery (13th edition)	Sir Harold Ellis, Roy Calne, Sir Christopher Watson	Wiley-Blackwell, 2016	-	- https://www.academia.edu/23743497/Lecture_Notes_General_Surgery
3	Essential surgical practice: Higher training in General Surgery (5th edition)	Alfred Cuschieri, George B Hanna	Hodder Arnold, 2012	-	- https://roseannaowensgreg.files.wordpress.com/2017/05/essential-surgical-practice-higher-surgical-training-in-general-surgery-fifth-edition-by-alfred-cuschieri-george-hanna.pdf
4	Textbook of surgery (3th edition)	Joe J. Tjandra, Gordon J.A. Clunie, Anrew H. Kaye, Julian A.Smith	Blackwell, 2006	-	- https://epdf.pub/textbook-of-surgery-3rd-edition.html

9. The list of information technologies used in the practice, including the list of software and information reference systems (if necessary)

1. «Консультант студента» <http://www.studmedlib.ru/ru/doc/ISBN9785970427729-0007.html>

10. Description of the material and technical base required for the practice

№/ п	Equipment identification	Quantity	Technical condition
1	2	3	4
Special equipment			
4.	Computer	4	The condition is satisfactory
5.	Laptop	2	The condition is satisfactory
6.	Projector	1	The condition is satisfactory
7.	Kocher clamp	2	The condition is satisfactory
8.	Mikulich clamp	1	The condition is satisfactory
9.	Folkmann spoon	5	The condition is

			satisfactory
10.	Farabef hooks	1	The condition is satisfactory
11.	Hepatic mirror	1	The condition is satisfactory
12.	Segal Hooks	1	The condition is satisfactory
13.	Clamps Alice	1	The condition is satisfactory
14.	Needle holder	2	The condition is satisfactory
15.	Scalpel	3	The condition is satisfactory
16.	Copier technology	2	The condition is satisfactory
Phantoms, Dummies			
17.	«Promt» simulation;	1	The condition is satisfactory
18.	Mama «Natali»	2	The condition is satisfactory
19.	Injection Demonstration Tutorial Model		The condition is satisfactory
20.	Suture training leg		The condition is satisfactory
21.	Super skeleton SAM, 5-arm roller rack		The condition is satisfactory
22.	Teaching Demonstration Model - Femoral Peroneal Anastomosis Trainer		The condition is satisfactory
23.	Carotid Artery Andacterectomy Demonstration Model		The condition is satisfactory
24.	CPR training model with electronic monitoring device		The condition is satisfactory
25.	Basic training laparoscopic simulator		The condition is satisfactory
26.	Criminal Injury and Injury Training Kit		The condition is satisfactory
27.	Bowel Training Kit for Anastomosis Demonstration		The condition is satisfactory
28.	Skin Model Training Kit Demonstration of Local Anesthesia Techniques		The condition is satisfactory
29.	Suture Demonstration Training Kit		The condition is satisfactory
30.	Set of dummy uterus "myomatous"	1	The condition is satisfactory
31.	Set of dummy cervix with various	1	The condition is satisfactory