

**Federal State Budgetary Educational Institution of Higher Education  
"NORTH OSSETIAN STATE MEDICAL ACADEMY"  
of the Ministry of Health of the Russian Federation**

УТВЕРЖДАЮ

Ректор ФГБОУ ВО СОГМА Минздрава России

«17» april 2024 г.

**THE PROGRAM OF EDUCATIONAL PRACTICE  
RESEARCH WORK (OBTAINING SKILLS IN RESEARCH WORK)**

the main professional educational program of higher education is the specialty program in the specialty 31.05.03 Dentistry, approved on 17.04.2024.

Form of education \_\_\_\_\_ full - time \_\_\_\_\_

Term of development МРЕР HE \_\_\_\_\_ 5 years \_\_\_\_\_

Chair \_\_\_\_\_ dentistry № 1 \_\_\_\_\_

Vladikavkaz, 2024

When developing the educational training programme, the discipline is based on:

1. Federal State budget educational standards of Higher Education on specialty 31.05.03 Dentistry, approved by the Ministry of Education and Science of the Russian Federation. August «12», 2020 N984

2. The curriculum for specialty 31.05.03 Dentistry,

СТОМ-21-01-21

СТОМ-21-02-22

СТОМ-21-03-23

СТОМ-21-04-24

approved by the Academic Council of the Federal State Budgetary Educational Institution of Higher Education «North-Ossetia State Medical Academy» of the Ministry of Healthcare of the Russian Federation, 17.04.2024, protocol № 6

The educational training programme of the discipline was approved at the meeting of the department on 27.03.2024, protocol №7

The educational training programme of the discipline was approved at the meeting of the central coordinating training and methodological council from 02.02.2024, Protocol № 4

The educational training programme is approved by the Academic Council of the Federal State Budgetary Educational Institution of Higher Education «North-Ossetia State Medical Academy» of the Ministry of Healthcare of the Russian Federation, 17.04.2024, protocol № 6

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## **Content of the practice program**

1. indication of the type of practice, method and form (forms) of its implementation;
2. a list of planned learning outcomes during internship, correlated with the planned results of mastering the educational program;
3. indication of the place of practice in the structure of the educational program;
4. an indication of the amount of practice in credit units and its duration in weeks or in academic or astronomical hours;
5. the content of the practice;
6. indication of reporting forms for practice;
7. a fund of assessment tools for conducting intermediate certification of students in practice;
8. a list of educational literature and Internet resources necessary for the practice;
9. a 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.
11. conducting educational activities using e-learning and distance learning technologies.

**1. Type of practice** - educational practice

**Type of practice** - clinical practice.

**Method of carrying out** - stationary, exit

**Conduct form** - discrete

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

No. p / f	Number / index of competence	Content of competence (or parts of it)	Topic of the lesson (section)	Achievement indicators competencies	Development results		
					know	be able to	own
one	2	3	four	5	6	7	eight
	OPK-1.	Able to implement moral and legal norms, ethical and deontological principles in professional activities	Deontological foundations of scientific activity	ID-1 OPK-1 Be able to observe moral and legal standards in professional activities. ID-2 OPK-1 Be able to express professional information in the process of intercultural interaction, observing the principles of ethics and deontology	1. Deontological foundations in medicine, dentistry, scientific activity	1. Determine the psychotype of the patient during the study, establish contact	1. Algorithm of subject-oriented communication
	OPK-8.	Able to use the basic physico-chemical, mathematical and natural science concepts and methods in solving professional problems	Basic principles of scientific equipment operation. Security technique	ID-1 GPC-8 Be able to use the basic physical, chemical, mathematical and natural science concepts and methods in solving professional problems.	1. Diagnostic methods in medicine 2. Clinical examination methods	1. Determine the basic principles of operation of scientific equipment. 2. Conduct a clinical examination	1. The method of collecting anamnesis in the clinic of orthopedic dentistry 2. Methods of clinical examination in case of AFA
	GPC-13.	Able to solve standard tasks of professional activity using information, bibliographic resources, biomedical terminology, information and communication	Use of telecommunication means for literary and patent search. Scientometric indices	ID-1 GPC-13 Be able to use modern information and communication tools and technologies in professional activities. ID-2 GPC-13 Be able to follow the rules of information security in professional activities.	1. Information security rules 2. Methods of patent - information search.	1. Conduct a patent information search 2. Compose abstracts based on search results.	1. Algorithm for conducting patent information search 2. Algorithm for analyzing the received information

		technologies, taking into account the basic requirements of information security					
	<b>PC-6</b>	Organizational and managerial activities	Fundamentals of medical statistics. Incidence and prevalence.	ID-1 Analyze the quality of medical care ID-2 Analyze indicators of morbidity, disability and mortality of the population of the served territory ID-5 Work in information and analytical systems (Unified State Health Information System) ID-6 Prepare a work plan and report on your work	1. Rules for issuing medical documentation 2. Rules for drawing up a work plan and work report.	1. Fill out medical documentation 2. Create a structured report.	1. Methods of analysis of medical information 2. Methods of work in medical information systems
	UK-2.	Able to manage a project at all stages of its life cycle	The structure of scientific research. Basic rules for compiling the design of a scientific study.	ID-1 UK-2 Be able to formulate the goal, objectives of the project and draw up a schedule for its implementation.	1. Fundamentals and principles of scientific research 2. Fundamentals of scientific paper design	1. Make up the structure of scientific research 2. Design a study	1. Public speaking skills in a professional environment

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

Practice refers to the mandatory part of Block 2 of Practice, including the research work of the Federal State Educational Standard of Higher Education in the specialty 31.05.03 Dentistry.

Types of professional activity underlying the teaching of this discipline:

Medical

Organizational - managerial

Research.

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

No. p / p	Type of work	Total credits	Total hours	Semester	
				2	
				hours	
one	2	3	four	5	
one	<b>Contact work of students with the teacher (total), including:</b>	-	72	72	
2	<b>Student Independent Work (SIW)</b>	-	36	36	
3	<b>Type of intermediate certification</b>	credit (G)	-	offset	offset
		exam (E)	-		
four	<b>TOTAL:</b> Total labor intensity	hours	-	108	108
		Z	3		

## 5. Content of practice

No./n	No. semester	Name of the topic (section) of practice	Contact t. watch	Myself. Slave.	Total hour in
one	2	Deontological foundations of scientific activity	eight	6	fourteen
2	2	Basic principles of scientific equipment operation. Security technique	ten	eight	eighteen
3	2	Use of telecommunication means for literary and patent search. Scientometric indices	fourteen	eight	22
four	2	Fundamentals of medical statistics. Incidence and prevalence.	twenty	6	26
5	2	The structure of scientific research. Basic rules for compiling the design of a scientific study.	twenty	eight	28
<b>TOTAL:</b>			<b>72</b>	<b>36</b>	<b>108</b>

## 6. Indication of reporting forms in practice

Based on the results of the practice, students draw up a diary of practice in the prescribed form, and the head of the practice - a report according to the form.

## 7. Fund of assessment tools for conducting intermediate certification of students in practice

No./n	List of competencies	No. semester	Indicator(s) evaluation	Evaluation criterion(s)	Evaluation scale	Name FOS
<b>one</b>	<b>2</b>	<b>3</b>	<b>four</b>	<b>5</b>	<b>6</b>	<b>7</b>
one	OPK-1. OPK-8. GPC-13. PC-6 UK-2.	2	see the standard for assessing the quality of education, approved. By order of the Federal State Budgetary Educational Institution of Higher Education SOGMA of the Ministry of Health of Russia dated July 10, 2018, No. 264 / o	see the standard for assessing the quality of education, approved. By order of the Federal State Budgetary Educational Institution of Higher Education SOGMA of the Ministry of Health of Russia dated July 10, 2018, No. 264 / o	see the standard for assessing the quality of education, approved. By order of the Federal State Budgetary Educational Institution of Higher Education SOGMA of the Ministry of Health of Russia dated July 10, 2018, No. 264 / o	Test tasks; Control tasks.

## 8. List of educational literature and Internet resources necessary for the practice

### Main literature

P/ No.	Name	The authors)	Year, place of publication	Number of copies	
				in the library	at the departme nt
one	2	3	four	5	6
one	Propaedeutic dentistry: textbook	ed. E. A. Bazikyan	M.: GEOTAR- Media, 2008, 2010	92	
				"Student Advisor" <a href="http://www.studmedlib.ru/book/ISBN9785970414804.html">http://www.studmedlib.ru/book/ISBN9785970414804.html</a>	
2	Propaedeutic dentistry: textbook	Pozharitskaya M.M., Simakova T.G.	M. : Medicine, 2004	53	

### additional literature

P/ No.	Name	The authors)	Year, place of publication	Number of copies	
				in the library	at the departmen t
one	2	3	four	5	6
one	Dental instrumentation: color satin	ed. E.A. Bazikyan	M.: GEOTAR- Media, 2007	fifteen	
				"Student Advisor" <a href="http://www.studmedlib.ru/book/ISBN9785970405918.html">http://www.studmedlib.ru/book/ISBN9785970405918.html</a>	
3	Propaedeutic dentistry: textbook	E.S. Kalivradzhiyan and others.	M.: GEOTAR- Media, 2013	2	
four	Organization and equipment of a dental clinic, office. Sanitary and hygienic requirements. Ergonomic fundamentals of the work of a dentist: a textbook	ed. E. A. Bazikyan	M.: GEOTAR- Media, 2014	one	
				"Student Advisor" <a href="http://www.studmedlib.ru/book/ISBN9785970430576.html">http://www.studmedlib.ru/book/ISBN9785970430576.html</a>	

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

No. p / p	Resource name	Website address
one	ModernLib - electronic library,	<a href="http://modernlib.ru">http://modernlib.ru</a>
2	Russian Dental Portal.	<a href="http://www.stom.ru">www.stom.ru</a>
3	Electronic books on dentistry.	<a href="http://www.web-4-u.ru/stomatinfo">www.web-4-u.ru/stomatinfo</a>
four	Aesthetic restorations of teeth.	<a href="http://www.esthetics.ru">www.esthetics.ru</a>
5	Medical literature on dentistry.	<a href="http://www.mmbook.ru">www.mmbook.ru</a>
6	Information dental resource.	<a href="http://denta-info.ru">denta-info.ru</a>
7	Information resource for students of medical universities	<a href="http://www.studmedlib.ru">www.studmedlib.ru</a>
eight	Federal Electronic Medical Library (FEMB)	<a href="http://feml.scsmr.rssi.ru/feml_">feml.scsmr.rssi.ru/feml_</a>

**10. Description of the material and technical base necessary for the practice**

The Department of Dentistry No. 1 is located on the basis of the SOGMA Dental Clinic (Kirov St., 66). The total area used by the department for the educational process is 61 sq. m<sup>2</sup>.

The department has three rooms:

- an orthopedic room equipped with a dental unit, combined with the office of the head of the department (9 sq m<sup>2</sup>), which also holds classes for students,
- one phantom class for 5 phantoms and 8 computers (32 sq. m<sup>2</sup>),
- an orthopedic room for 3 dental units (20 sq.m<sup>2</sup>), which also holds practical classes for students.

No./ P	equipment identification	Quantity	Technical condition
<b>one</b>	<b>2</b>	<b>3</b>	<b>four</b>
<b>Special equipment</b>			
one	notebook	one	Good
2	projector	one	satisfactory
3	camera	one	Good
four	PC	6	Good
5	Dental units	3	satisfactory
<b>phantoms</b>			
one	Dental phantoms	5	satisfactory
<b>dummies</b>			
one	Preparation jaws	twenty	satisfactory

**11. Conducting educational activities using e-learning and distance learning technologies**

In the context of the introduction of restrictive measures (quarantine) associated with an unfavorable epidemiological situation, the threat of the spread of a new coronavirus infection and other force majeure events that do not allow training sessions in full-time mode, it is possible to study this discipline or part of it using e-learning and distance learning technologies.

Teaching discipline in the situations described above will be carried out through the development of an electronic course with access to video lectures and interactive course materials: presentations, articles, additional materials, tests and various tasks. When conducting training sessions, current monitoring of progress, as well as intermediate certification of students, the platforms of the electronic information and educational environment of the academy and / or other e-learning systems recommended for use in the academy, such as Moodle , Zoom , Webinar , etc., can be used.

Lectures can be presented in the form of audio, video files, "live lectures", etc.

Conducting seminars and practical classes is possible on-line in both synchronous and asynchronous modes. Seminars can be held in the form of web - conferences.