

**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.

**WORKING PROGRAM OF THE DISCIPLINE  
DENTISTRY: PROPAEDEUTICS**

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 work program**

1. name of the discipline;
2. a list of planned results of training in the discipline, correlated with the planned results of mastering the educational program;
3. indication of the place of the discipline in the structure of the educational program;
4. the volume of the discipline in credit units with an indication of the number of academic or astronomical hours allocated for contact work of students with the teacher (by type of training sessions) and for independent work of students;
5. the content of the discipline is structured according to topics (sections) with an indication of the number of academic or astronomical hours allocated to them and the types of training sessions.
6. the list of educational and methodological support for independent work of students in the discipline;
7. fund of assessment funds for conducting intermediate certification of students in the discipline;
8. a list of basic and additional educational literature required for mastering the discipline;
9. the list of resources of the information and telecommunication network " Internet "(hereinafter referred to as the "Internet" network) required for mastering the discipline;
10. methodological guidelines for students on mastering the discipline;
11. a list of information technologies used in the implementation of the educational process in the discipline, including a list of software and information reference systems (if necessary);
12. description of the material and technical base necessary for the implementation of the educational process in the discipline;
13. introduction of educational activities using e-learning and distance learning technologies.

## 2. The list of planned results of training in the discipline and the results of mastering the educational program

n /	a Number / index of competence	Content of the competence (or part thereof)	Topic of the lesson (section)	Indicators of achievement of competencies	Results of mastering		
					know	be able	to master
1	GPC-5	is able to conduct an examination of the patient in order to establish a diagnosis when solving professional tasks	Basic and additional methods of examination of a dental patient with various dental diseases	ID-1 OPK-5 is able to master the algorithm of clinical examination of the patient. ID-2 OPK-5 Be able to draw up a plan for laboratory and instrumental diagnostics. ID-3 OPK-5 Master the algorithm of clinical-laboratory and functional diagnostics in solving professional problems. ID-4 OPK-5 Be able to evaluate the results of clinical, laboratory and functional diagnostics in solving professional problems.	Etiology, clinical picture, diagnosis, differential diagnosis, principles of treatment of diseases of hard tissues of the teeth, periapical tissues, periodontal and oral mucosa.	Conduct a survey and examination of patients with diseases of the hard tissues of the teeth, periapical tissues, periodontal and oral mucosa.	Skills of filling out medical documentation
2	GPC -6	is able to prescribe, monitor the effectiveness and safety of non-drug and drug treatment in solving professional problems	Treatment of dental patients with various lesions of the hard tissues of the teeth, periapical tissues, periodontal and oral mucosa.	ID-1 OPK-6 Be able to conduct effective, safe therapy based on the clinical recommendations of the Ministry of Health of the Russian Federation	Federation Principles of treatment of caries, its complications, non-carious lesions, periodontal diseases, diseases of the oral mucosa	Conduct treatment of patients with diseases of the hard tissues of the teeth, periodontal and oral mucosa	by an algorithm for performing basic diagnostic and therapeutic measures for caries, non-carious lesions, pulpitis, periodontitis, periodontitis, oral mucosa lesions using medical devices provided for in the procedures for providing medical care to patients with dental diseases
3	GPC -6	is able to prescribe, monitor the effectiveness and safety of non-medical	of dental hard tissue diseases. Periodontal diseases.	ID-1 OPK-6 Be able to carry out effective, safe therapy based on the	Federation Etiopathogenesis, clinic, diagnosis of caries, non-	Conduct a survey and examination of patients with diseases of the hard tissues	Skills of collecting and analyzing patient complaints, medical history

		and medical treatment in solving professional problems	Traumatic, infectious, and allergic lesions of the SOPR. Changes in SOPR in dermatoses. Diseases of the tongue and lips. Precancerous diseases of the red border of the lips and oral mucosa.	clinical recommendations of the Ministry of Health of the Russian	carious lesions, periodontal diseases, traumatic, infectious, allergic lesions of the SOPR, cheilitis, glossitis, precancerous diseases of the SOPR	of the teeth, periodontal diseases, traumatic diseases of the teeth., infectious, allergic lesions of the SOPR, cheilitis, glossitis, dermatoses, precancerous diseases of the SOPR.	data, examination results, laboratory, instrumental, laboratory research methods in order to recognize a particular dental disease
6	GPC -6	is able to prescribe, monitor the effectiveness and safety of non-drug and drug treatment in solving professional problems	of dental hard tissue diseases. Periodontal diseases. Traumatic, infectious lesions of the SOPR. Allergic diseases of the SOPR Changes in the SOPR in dermatoses. Diseases of the tongue and lips. Precancerous diseases of the red border of the lips and oral mucosa. Changes in SOPR in some systemic diseases and metabolic disorders.	ID-1 OPK-6 Be able to conduct effective, safe therapy based on the clinical recommendations of the Ministry of Health of the Russian	Federation Treatment of dental hard tissue diseases, periodontal diseases, traumatic, infectious, allergic lesions of the oral cavity, cheilitis, glossitis, precancerous diseases	of the oral cavity Conduct general and local treatment of caries, its complications, non-carious lesions, periodontal diseases, traumatic, infectious, allergic lesions, cheilitis, glossitis, precancerous diseases of the oral mucosa, local treatment of changes in the SOPR in some systemic diseases and disorders of the SOPR.	Skills in determining management tactics for patients with caries, non-carious lesions, periodontal diseases, and various diseases of the oral mucosa.

### 3. Place of the discipline in the structure of the educational program

The discipline is included in the basic part of Block 1 of the Federal State Educational Standard for Higher Education in the specialty 31.05.03 Dentistry.

Types of professional activities underlying the teaching of this discipline:

1. Medical service
2. Organizational and managerial support
3. Scientific research organization

### 4. Scope of the discipline

№ n / /	a Type of work	Total credits	Total hours	Semesters	
				1	2
				hours	hours
1	2	3	4	5	6
<b>1</b>	<b>Contact work of students with the teacher (total), including:</b>		188	102	86
2	Lectures (L)		36	18	18
3	Clinical practical classes (CPC)		152	84	68
4	Seminars (S)				
5	Laboratory work (LW)				
<b>6</b>	<b>Independent work of the student (SRS)</b>		64	42	22
<b>7</b>	<b>Type of intermediate certification</b>	credit (S)			
		exam (E)		36	36
<b>8</b>	<b>TOTAL:</b> Total labor	intensity of hours		144	144
		ZE	8	4	4

### 5. Content of the discipline

Name of the topic (section) of the discipline Types of educational activities (in hours). /p	№ Semester number	Name of the topic (section) of the discipline	Types of educational activities (in hours)					Forms of current monitoring of academic
			performance L	LR	PZ	SRS	total	
1	2	3	4	5	6	7	8	9

1.	1	Introduction to the specialty. Organization of work of a dentist at an outpatient dental appointment. Familiarization with medical documentation.		-6	6	6	12	S, TZ, NW
2.1	1	Anatomical and histological structure of dental hard tissues. Features of teeth of different groups. Signs of teeth. Dental rows Anatomical and histological structure of periodontal and periodontal diseases.	4-8	-	8	6	18	S, TZ, NW
3.	1	Basic and additional survey methods.	2-8	-	8	4	14	S, TK, NW
4.1	1	Dental deposits.	2-8	-	8	2	12	S, TZ, NW
5.1	1	Principles of preparation of carious cavities.	2-16	-	16	4	22	S, TZ, NW
6.1	1	Filling of carious cavities.	4-14	-	14	10	28	S, TK, NW
7.1	1	Endodontics.	4-24	-	24	10	38	S, TZ, NW
8.2	2	Biomechanics of the masticatory apparatus.	2-8	-	8	7	17	S, TZ, NW
9.2	2	Permanent denture replacement. Odontopreparation.	6-32	-	32	7	45	S, TZ, NW
10.	2	Operation tooth extraction.	10-28	-	28	8	46	S, TZ, NW
<b>TOTAL:</b>			<b>36-152</b>	<b>-</b>	<b>152</b>	64	252	

**Note:** S – interview, TK-test tasks, SZ-situational tasks, UZ – training tasks

#### 6. List of educational and methodological support for independent work of students in the discipline

p/n	№ a Semester	number Name	Author (s)	Year, place of publication
1	2	3	4	5
1.1	1	Guidelines for students of "Dentistry: propaedeutics", specialty Dentistry, 1st year.	Remizova A. A., Morgoeva Z. Z.	SOGMA, 2019
2	2	Methodological recommendations for students of "Dentistry: propaedeutics", specialty Dentistry, 1st year.	Dzgoeva M. G. Kabaloeva D. V.	SOGMA, 2018
3	2	Guidelines for students to self-study in the discipline "Propaedeutics of dental diseases" 1st year 2 semester	Khetagurov S. K. Kabaloeva D. V.	SOGMA, 2018
4	2	"Propaedeutics of dental diseases" Guidelines for practical classes for students of the 1st year 2 semester	Khetagurov S. K. Kabaloeva D. V.	SOGMA, 2018

**7. Fund of assessment funds for conducting intermediate certification of students in the discipline**

n/	a List of competencies	№ Semester No	. Assessment indicator(s) Assessment	criterion (s) Assessment	scale	Name of the FOS
1	2	3	4	5	6	7
1	OPK-5 OPK-6	1,2	see the standard for assessing the quality of education, approved by the Ministry of Education and Science of the Russian Federation. By Order No. 264 / o of the SOGMA Federal State Budgetary Educational Institution of Higher Education of the Ministry of Health of	the Russian Federation dated 10.07.2018, see standard for assessing the quality of education, approved by the Ministry of Education of the Russian Federation. By Order No. 264 / o of the SOGMA Federal State Budgetary Educational Institution of Higher Education of the Ministry of Health of	the Russian Federation dated 10.07.2018, see standard for assessing the quality of education, approved by the Ministry of Education of the Russian Federation. By Order No. 264 of the Federal State Budgetary Educational Institution of Higher Professional Education of the Ministry of Health of the Russian Federation dated 10.07.2018 / o	Test tasks. Exam tickets

**8. List of basic and additional educational literature required for mastering the discipline**

**Basic literature**

n / №	a Name	Author (s)	Year, place of publication	Number of copies	
				in the library	at the Department
1	2	3	4	5	6
	Propaedeutical dentistry: textbook	edited by E. A. Bazikyan	Moscow: GEOTAR-Media, 2008, 2010	92	
	Propaedeutical dentistry: textbook	Pozharitskaya M. M., Simakova T. G.	Moscow: Meditsina Publ., 2004.	53	

**Additional literature**

n / №	a Name	Author (s)	Year, place of publication	Number of copies	
				in the library	at the department



1	2	3	4	5	6
1	Dental instruments: color atlas	edited by E. A. Bazikyan	Moscow: GEOTAR- Media, 2007	15 "Student's consultant" <a href="http://www.studmedlib.ru/book/ISBN9785970405918.html">http://www.studmedlib.ru/book/ISBN9785970405918.html</a>	
2	Dentistry. Thematic tests: textbook. stipend. In 2 parts. Part 1	ed. by E. A. Bazikyan	Moscow: GEOTAR- Media, 2009	"Student's consultant" <a href="http://www.studmedlib.ru/book/ISBN9785970412459.html">http://www.studmedlib.ru/book/ISBN9785970412459.html</a>	
	Propaedeutical dentistry: a textbook	by E. S. Kalivrajiyan et al	. Moscow: GEOTAR- Media, 2013	2	
	Organization and equipment of a dental clinic, office. Sanitary and hygienic requirements. Ergonomicheskie osnovy raboty doktora-stomatologa : uchebnoe posobie	ed. by E. A. Bazikyan	Moscow: GEOTAR- Media, 2014	1 "Student's consultant" <a href="http://www.studmedlib.ru/book/ISBN9785970430576.html">http://www.studmedlib.ru/book/ISBN9785970430576.html</a>	

### 9. List of resources of the information and telecommunication network "Internet" required for mastering the discipline

№ n	Resource	name Site address
1	ModernLib-Electronic Library	<a href="http://modernlib.ru">http://modernlib.ru</a>
2	Russian Dental Institute Портал. www.stom.ru	<a href="http://www.stom.ru">www.stom.ru</a>
3	E-books on dentistry.	<a href="http://www.web-4-u.ru/stomatinfo">www.web-4-u.ru/stomatinfo</a>
4	Medical literature on dentistry.	<a href="http://www.mmbook.ru">www.mmbook.ru</a>
5	Dental Information	<a href="http://denta-info.ru">denta-info.ru</a>
6	Information resource for medical university students	<a href="http://www.studmedlib.ru">www.studmedlib.ru</a>
7	Federal Electronic Medical Library (FEMB)	<a href="http://feml.scsml.rssi.ru/feml">feml.scsml.rssi.ru/feml</a>

### 10. Methodological guidelines for students on mastering the discipline.

Training consists of classroom sessions (188 hours), including a lecture course (36 hours) and practical exercises (152 hours) and independent work (64 hours). The main academic time is allocated for practical work on mastering theoretical knowledge, acquiring practical skills and abilities.

When studying the discipline, it is necessary to use the entire resource of the main and additional educational literature, lecture material, visual aids and demonstration material, and master the practical skills acquired during working with demonstration visual aids, working with patients and solving situational problems.

Practical classes are conducted in the form of preclinical and clinical practice. Preclinical practice is carried out in classrooms with the use of video and photo materials, in phantom classes, and situational tasks are solved. Then the analysis of clinical patients is carried out.

In accordance with the requirements of the Federal State Educational Standard for Higher Education, interactive forms of teaching are widely used in the educational process (developing and problem-based learning in the form of role-playing games, practicing practical skills on phantoms, analyzing a specific situation, discussing a theoretical analysis of a topic, multimedia training). The share of classes conducted in interactive forms is at least 10% of classroom classes.

Independent work of students implies preparation for seminars and practical classes and includes: working with visual materials, educational basic and additional literature, Internet resources, writing a medical history, an abstract.

Working with educational literature is considered as a type of educational work in the discipline "Dentistry" and is performed within the hours allotted for its study (in the section SRS).

Each student is provided with access to the library collections of the Academy and the Department.

Methodological recommendations for students and guidelines for teachers have been developed for each section of the discipline.

While studying the discipline, patients are examined independently, their medical history is drawn up, and an abstract is submitted.

Writing an abstract contributes to the formation of skills in working with educational literature, systematization of knowledge and contributes to the formation of general cultural and professional skills.

Writing an educational medical history forms the ability to analyze medical problems, contributes to mastering the culture of thinking, the ability to correctly formulate its results in writing, the formation of a systematic approach to the analysis of medical information, and the perception of innovations.

The student's work in a group creates a sense of teamwork and sociability.

The training of students contributes to the development of communication skills with the patient, taking into account the ethical and deontological features of pathology and patients. Independent work with patients contributes to the formation of professional behavior, accuracy, and discipline.

The initial level of knowledge of students is determined by testing, the current control of

mastering the subject is determined by an oral survey during classes, during clinical reviews, when solving typical situational problems and answering test tasks.

At the end of studying the module, an intermediate knowledge control is carried out through an interview, using test control and solving situational problems.

Questions on the module are included in the State final Certification of graduates.

#### **11. List of information technologies used in the implementation of the educational process in the discipline:**

1. Microsoft Office
2. Microsoft Power Point
3. TestOfficePro Testing Program
4. Internet Explorer

#### **12. Description of the material and technical base necessary for the implementation of the educational process in the discipline**

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

Part of the classes are held in academic building No. 2 on the territory of the Federal State Budgetary Educational Institution of Higher Professional Education of the Russian Ministry of Health, in classrooms allocated for this purpose.

The department has three rooms:

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

The Department of Dentistry No. 3 is located on the basis of the dental polyclinic of SOGMA (66 Kirova St.). The total area used by the department for the educational process is 119 sq.m.

The department has: a phantom class (57 sq. m), 2 therapeutic rooms (48 sq. m). m2 and 14 sq. m2)

Part of the classes are held in academic building No. 2 on the territory of the Federal State Budgetary Educational Institution of Higher Professional Education of the Russian Ministry of Health, in classrooms allocated for this purpose.

<b>n/ p</b>	<b>Equipment Name</b>	<b>Quantity</b>	<b>Technical condition</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
<b>Special equipment</b>			
1	laptop	1	good
2	projector	1	satisfactory
3	PC	2	good
4	Dental installations	6	satisfactory
5	camera	1	good
Phantoms			

1	Dental phantoms	15	satisfactory
Dummy			
1	Preparation jaws	30	satisfactory

### 13. 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 conducting face-to-face training sessions, it is possible to study this discipline or part of it using e-learning and distance educational technologies.

Teaching the 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 academic performance, as well as intermediate certification of students, 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.

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