

No. Stom-21

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



**WORKING PROGRAM OF THE DISCIPLINE**  
**«DENTISTRY:CHILDREN'S DENTISTRY»**

the main professional educational program of higher education - specialist's programs in the specialty  
31.05.03 Dentistry,  
approved May 24, 2023

Form of study \_\_\_\_\_ full-time \_\_\_\_\_

Term of development of OPOP VO \_\_\_\_\_ 5 \_\_\_\_\_

Department of Dentistry №3

Vladikavkaz, 2023

When developing the work program of the discipline, the following are taken as the basis:

1. Federal State Educational Standard of Higher Education in the specialty 31.05.03 Dentistry, approved by the Ministry of Education and Science of the Russian Federation on August 12, 2020 No. 984

2. Curriculum of the OPOP HE in the specialty 31.05.03 Dentistry

Stom-21-01-21

Stom-21-02-22

Stom-21-03-23,

approved by the Academic Council of the Federal State Budgetary Educational Institution of Higher Education SOGMA of the Ministry of Health of Russia 05/24/2023 Protocol No. 8

The work program of the discipline was approved at a meeting of the Department of Dentistry No.3 dated 05/19/2023 Protocol No. 10

The work program of the discipline was approved at a meeting of the central coordinating educational and methodological council from 05/23/2023 Protocol No. 4

The work program of the discipline was approved by the Academic Council of the Federal State Budgetary Educational Institution of Higher Education SOGMA of the Ministry of Health of Russia 05/24/2023 Protocol No. 8

Developers:

Head Department of Dentistry No. 3, MD,



Assoc. Remizova A.A

Associate Professor of the Department of Dentistry No. 3, Ph.D.



Morgoeva Z.Z.

**Reviewers:**

Head of the Department of Orthopedic Dentistry, Propaedeutics and Postgraduate Education K.L. Khetagurova  
Doctor of Medical Sciences, Professor R.V. Zoloev

Head Department of Dentistry No. 2, SOGMA of the Ministry of Health of Russia, MD,  
Associate Professor G.V. Toboev

---

---

## **WORK PROGRAM CONTENT**

1. name of the discipline;
2. a list of planned learning outcomes 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 discipline in credit units indicating the number of academic or astronomical hours allocated for contact work of students with a teacher (by type of training) and for independent work of students;
5. the content of the discipline, structured by topics (sections) indicating the number of academic or astronomical hours allocated to them and types of training sessions;
6. a list of educational and methodological support for independent work of students in the discipline;
7. assessment materials for conducting intermediate certification of students in the discipline;
8. a list of basic and additional educational literature necessary for mastering the discipline;
9. a list of resources of the information and telecommunication network "Internet" necessary for mastering the discipline;
10. methodological instructions for mastering the discipline for students;
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. conducting educational activities using e-learning and distance learning technologies.

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

No. p / p	Number / index of competence	Content of competence (or parts of it)	Topic of the lesson (section)	Competency achievement indicators	Development results		
					know	be able to	own
one	2	3	four	5	6	7	eight
	UK-1	Able to carry out a critical analysis of problem situations based on a systematic approach, develop an action strategy	The development and age characteristics of the child. Development of the face, mouth and teeth. periods of childhood. Structural features of the MLO. Teething, the relationship of dental and somatic diseases.	ID-1UK-1 Analyzes the problem situation and decomposes it into separate tasks ID-2UK-1 Develops a strategy for solving problems ID-3UK-1 Forms possible solutions to problems	- methods of abstract thinking in establishing the truth, methods of scientific research by mental dismemberment of the object (analysis) and by studying the subject in its integrity, the unity of its parts (synthesis); - methods and techniques of philosophical analysis of problems; - relationship "doctor-patient", "doctor-relatives"; - moral and ethical standards, rules and principles of professional medical behavior	- use historical-philosophical and system-analytical methods in the study of the general laws of the functioning of nature, society and man,- use the methods of abstract thinking, analysis and synthesis, analyze alternative options for solving research problems and evaluate the effectiveness of the implementation of these options	- a holistic system of skills for using abstract thinking in solving problems that arise during the performance of research work, - principles of medical deontology and medical ethics; - the skills of informing patients of different age groups and their relatives and friends in accordance with the requirements of the rules of "informed consent"
	UK-6	Able to identify and implement the priorities of their own activities and ways to improve them based on self-assessment and lifelong learning	Diseases of hard dental tissues in children. Inflammatory diseases of the maxillofacial area. Features of the development of pulpitis, periodontitis. Periodontal and	ID-1UK-6 Assesses own resources and their limits (personal, situational, temporary), uses them optimally for the successful completion of the assigned task ID-2UK-6 Determines the priorities of personal growth and ways to improve one's own	- potential strengths and weaknesses of the personality; - effective ways of self-learning; - methods of effective time planning; - major time wasters	- make long-term and short-term plans; - organize your time; - build a portfolio; - plan your life for the period of study in an educational organization	- techniques for analyzing meaningful life problems and setting priorities; - planning your professional trajectory

			mucous membrane diseases in children.	performance based on self-assessment			
	<b>OPK-1</b>	Able to implement moral and legal norms, ethical and deontological principles in professional activities	Fundamentals of deontology on children's therapy. Peculiarities of children's dental reception, age characteristics of children's behavior. Psychological support of contact between a doctor and a patient - a child	ID-1OPK-1 Complies with moral and legal standards in professional activities.  ID-2OPK-1 Presents professional information in the process of intercultural interaction, observing the principles of ethics and deontology	-professional ethics and deontology of medical practice; -the role of informed consent	- communicate with patients and colleagues; - work in a team in the diagnosis and treatment of various types of pathology	- communication skills with colleagues, patients, children and their parents
	<b>OPK-5</b>	Able to conduct an examination of the patient in order to establish a diagnosis in solving professional problems.	Features of dental examination of children of different ages Anatomical and physiological characteristics of a healthy child in different periods of development of the dentition The sequence of the survey, examination of children. Additional methods of examination of children.	ID-1OPK-5 Uses the algorithm of clinical laboratory and functional diagnostics in solving professional problems. ID-2OPK-5 Competently interprets the results of the main and additional methods of examination ID-3OPK-5 Uses modern classifications to make a final diagnosis	- a method of collecting information from dental patients - a method of examining dental patients - the etiology and pathogenesis of diseases of dental diseases - a modern classification, clinical symptoms of dental diseases, - - a clinical picture of conditions requiring emergency care	- analyze and interpret the information received from patients - conduct examinations of dental patients - interpret the results of instrumental, laboratory examination of the oral cavity and	- the skills of obtaining information from dental patients) - the skills of primary examination in accordance with the current methodology - the skills of making a diagnosis - re-examination skills in accordance with the current methodology
	<b>OPK-6</b>	Able to prescribe, monitor the effectiveness and safety of non-drug and drug treatment in solving professional problems	Modern methods of treatment of caries and non-carious lesions of the teeth of temporary and permanent occlusion in children.	ID-1OPK-6 Apply clinical recommendations (treatment protocols) on the provision of medical care ID-2OPK-6 Takes into account the clinical and pharmacological	-standards of medical care for diseases -clinical picture, features of the course of complications of dental diseases in children -modern methods of treatment of major dental diseases	- use the necessary medical equipment - prescribe drug therapy, taking into account the age of the child and the clinical picture of the disease - prescribe non-drug therapy, taking	- skills in developing a treatment plan taking into account the clinical picture of the disease - skills in prescribing drug therapy taking into account the clinical picture of the disease

			Principles of treatment of periodontal and oral mucosa in children	characteristics of the main groups of drugs for the treatment of major dental diseases in children ID-3OPK-6 Determines the methods of administration, regimen and dose of drugs for the treatment of a dental patient	- the mechanism of action of the main groups of drugs; medical indications and contraindications to their use; complications associated with their use.	into account the age and clinical picture of the disease - analyze the effect of drugs based on the totality of their pharmacological effects on the body	- the skills of prescribing non-drug therapy, taking into account the clinical picture of the disease -
	<b>OPK-9</b>	Able to assess morphofunctional, physiological conditions and pathological processes in the human body to solve professional problems	Etiology and pathogenesis of carious lesions of the teeth. The relationship between caries and the general condition of the body. Non-carious lesions of the teeth in children that occur before eruption. Idiopathic periodontal disease. Changes in the oral mucosa, due to the pathological state of various organs and systems of the body, as well as a violation of various types of metabolism.	ID-1OPK-5 Able to evaluate the results of clinical laboratory and functional diagnostics in solving professional problems  ID-2OPK-5 Able to determine the morphofunctional, physiological conditions and pathological processes in the human body	- the laws of genetics, its significance for medicine and dentistry, including; - chemical and biological essence of the processes occurring in a living organism at the molecular, cellular, tissue and organ levels; - concepts of etiology, pathogenesis, morphogenesis, pathomorphosis of the disease, principles of classification of diseases; - anatomical, physiological, age and sex characteristics of a healthy and sick child.	- to interpret the results of the most common methods of laboratory and functional diagnostics to identify pathological processes in the organs and systems of the child; - to substantiate the nature of the pathological process and its clinical manifestations, the principles of pathogenetic therapy of the most common dental diseases, taking into account the general somatic disease	- methods of general clinical examination of children; - clinical methods of examination of the maxillofacial region; - interpretation of the results of laboratory, instrumental diagnostic methods in children of different ages; - information about the principles of the structure of the human body; - the concept of the body as a whole - methods for assessing the state of the human body
	<b>OPK-13</b>	Able to solve standard tasks of professional activity using information, bibliographic resources,	Medical genetics. periods of childhood. Structural features of the MFR in childhood. Features	ID-1OPK-12 Uses modern information and communication tools and technologies in professional activities.	-composition and purpose of the main elements of a personal computer, their characteristics; - concepts and classification of software	-use educational, scientific, popular science literature, the Internet for professional activities; - carry out statistical processing of	- basic information transformation technologies: text, spreadsheet editors; - techniques of working

		biomedical terminology, information and communication technologies, taking into account the basic requirements of information security	of dental examination of children of different ages. Diseases of the hard tissues of the teeth. Clinic, diagnostics, differential diagnostics, treatment of pulpitis, periodontitis of teeth of temporary and permanent occlusion. Diseases of the periodontal and oral mucosa.	ID-2OPK-12 Complies with the rules of information security in professional activities.	- basics of probability theory and mathematical statistics; -	experimental data;	on the Internet for professional activities; - medical-functional conceptual apparatus; - methods of processing text and graphic information
	<b>PC-1</b>	Examination of the patient in order to establish a diagnosis	Methods for examining children in a pediatric dentistry clinic. Objective examination of the child. Features of the survey of the child. Sequence of examination of the child. The condition of the teeth, periodontium and oral mucosa in different age periods of the child in normal and pathological conditions.	ID-1PK-1 Competently interprets the results of collecting information from patients ID-2PK-1 Competently interprets the data of instrumental, laboratory and functional studies ID-1PK-1 Takes into account the data of consultations of patients by medical specialists ID-1PK-1 Establishes the correct final diagnosis for diseases of the oral mucosa according to the accepted modern international classification of diseases	- Topographic anatomy of the head, maxillofacial region, features of blood supply, innervation and lymphatic system, structure of teeth, periodontium, oral mucosa in children, - age-related changes in the maxillofacial region, features of the impact on it of the external and internal environment - special and additional research methods for the differential diagnosis of dental diseases; - medical indications and contraindications to the use of X-ray and other methods of additional examination;	- justify the need and scope of instrumental and laboratory studies; - justify the need and scope of additional examinations of patients (including radiographs, teleroentgenograms, radiovisiograms, orthopantomograms, tomograms (on film and digital media)) - conduct physical examinations and interpret their results; - conduct a general clinical examination; - justify the need to refer patients for consultation to specialist doctors	- the skills of collecting complaints, anamnesis of the disease, anamnesis of life in children; - skills of examination, probing of teeth, palpation, percussion, thermometry in children; skills in reading the results of additional laboratory research methods

			Electroodontodiagnosics. Index assessment of the state of hygiene, the state of tooth enamel, periodontal disease in children. Additional examination methods (X-ray, laboratory, functional)		-features of medical examination of elderly and senile patients		
<b>PC-2</b>	Prescribing, monitoring the effectiveness and safety of non-drug and drug treatment	Non-invasive treatments for caries. Modern means for remineralizing therapy. Equipment and tools for the preparation of carious cavities. Principles, rules and stages of preparation of teeth of temporary and permanent occlusion. Dental filling materials for the treatment of hard dental tissues. Medications for the treatment of root canals. Root canal obturation materials used for the treatment of temporary and	ID-1PK-2 Uses an algorithm for the use of medical technologies, specialized equipment and medical devices in the treatment of a dental patient ID-2PK-2 Competently uses drugs and other substances and their combinations in the treatment of diseases of the oral mucosa and the red border of the lips of a dental patient	-Groups of drugs, their pharmacokinetics, pharmacodynamics, drug compatibility - clinical picture, - Peculiarities of pharmacokinetics and pharmacodynamics of drugs in patients of childhood, adolescence - the main methods of treatment (medical indications, contraindications, complications) of diseases of the teeth, periodontium, oral mucosa, lips in children; -principles, techniques and methods of anesthesia in pediatric dental practice; -device principles and	-Prescribe drug therapy for diseases of the teeth, periodontium and oral mucosa and red border of the lips in children in accordance with existing medical indications, taking into account the pharmacodynamics and pharmacokinetics of drugs - evaluate the effectiveness and safety of medical methods of treatment of teeth, periodontium of the oral mucosa; - evaluate the effectiveness and safety of non-drug methods of treatment of teeth, periodontium and oral	- methods of drug treatment of diseases of the teeth, periodontium and diseases of the oral mucosa; -physiotherapeutic methods for the treatment of diseases of the oral mucosa and the red border of the lips - skills to provide qualified medical care to children with diseases of the teeth, periodontium and oral mucosa and the red border of the lips using modern methods of treatment approved for use in medical practice in children - Skills in providing medical care to children	



			<p>permanent occlusion teeth.</p> <p>Professional hygiene at a children's dental appointment: methods and means.</p> <p>Drug therapy for general and local treatment of various diseases of the oral mucosa in children.</p>		<p>operating rules of modern medical products and equipment</p> <p>-standards of medical care for diseases of the teeth, periodontium and oral mucosa in children</p>	<p>mucosa in children;</p> <p>-to develop the optimal tactics for the treatment of dental pathology in children, taking into account the general somatic disease</p>	<p>in emergency and urgent forms</p>
	<b>PC-4</b>	<p>Carrying out and monitoring the effectiveness of sanitary and anti-epidemic and other preventive measures to protect public health</p>	<p>Sanitary and anti-epidemic regime in dental institutions. Clinical examination of children at the dentist</p> <p>Antenatal prevention of major dental diseases.</p> <p>Risk factors for the occurrence of AS and their prevention</p>	<p>ID-1PK-4 Be able to develop plans for preventive and anti-epidemic measures</p> <p>ID-2PK-4 Complies with basic sanitary and hygienic rules that help prevent infectious diseases in children</p> <p>ID-3PK-4 Shows oncological alertness, conducting a thorough examination of a patient with diseases of the oral mucosa</p>	<p>-Principles of dispensary observation in various categories of patients and among the children's population</p> <p>-Features of specific and nonspecific prevention of infectious diseases in children</p> <p>- Clinical picture, symptoms of major diseases and borderline conditions of the maxillofacial region in children, their prevention</p> <p>- Fundamentals of preventive medicine aimed at improving the health of the child population</p> <p>- Requirements for labor protection, fire safety, emergency procedures</p> <p>-Sanitary and epidemiological standards and requirements</p>	<p>- Carry out preventive examinations of children;</p> <p>- Prevention of diseases of organs and tissues of the oral cavity in children</p> <p>- Apply methods of organizing primary prevention of dental diseases in children</p> <p>-use personal protective equipment</p>	<p>- Skills in conducting preventive examinations of the children's population</p> <p>- skills in carrying out measures to prevent diseases of the organs and tissues of the oral cavity in children, including oncohygienic prevention</p> <p>-skills in providing qualified medical care in their specialty using modern methods of prevention approved for use in medical practice</p> <p>-skills of brief counseling of children and their parents on the prevention of diseases of the teeth, periodontal and oral mucosa and the red border of the lips</p>



### 3. The place of discipline in the structure of educational programs

The discipline belongs to the mandatory part of Block 1 of the Federal State Educational Standard of Higher Education in the specialty 31.05.03 Dentistry

Types of tasks of professional activity that underlie the teaching of this discipline:

1. Medical
2. Organizational and managerial
3. Research

### 4. Scope of discipline

No. No. p/n	Type of work	Total credit units	Total hours	Semesters	
				eight	9
				hours	hours
one	2	3	four	6	7
<b>one</b>	<b>Contact work of students with teacher (total), including:</b>	-	<b>74</b>	46	28
2	Lectures (L)	-	ten	6	four
3	Clinical Practice (PP)	-	64	40	24
four	Seminars (C)				
5	Laboratory work (LR)				
<b>6</b>	<b>Student Independent Work (SIW)</b>	-	34	26	eight
<b>7</b>	<b>Type of intermediate attestations</b>	credit (G)			
		exam (E)	-	36	36
<b>eight</b>	<b>TOTAL: General laboriousness</b>	<b>hours</b>	-	<b>144</b>	<b>72</b>
		<b>Z</b>	<b>four</b>	<b>2</b>	<b>2</b>

### 5. The content of the discipline

No. p/p	semester number	Module section name	Types of educational activities, including independent work of students (in hours)				Forms of current progress control (by week of the semester)
			L	PZ	SR S	Total	
one	eight	The development and age characteristics of the child. Development of the face, mouth and teeth. periods of childhood. Structural features of the MLO. Teething, the relationship of dental and somatic diseases.	2	12	eight	22	
2	eight	Features of dental examination of children of different ages. Diseases of the hard tissues of the teeth.		12	eight	twenty	S, TK, SZ, UZ
3	eight	Clinic, diagnostics, differential diagnostics of pulpitis and periodontitis of the teeth of temporary and permanent occlusion. Peculiarities of endodontic treatment in children.	2	16	ten	28	S, SZ, UZ

four	9	Age-related changes in the structure of periodontal tissues. Examination of children with periodontal diseases. Classification of periodontal diseases.		2		2	S, TK, SZ, UZ
5	9	Features of the structure of the oral mucosa in children in the age aspect. Diseases of the oral mucosa. Principles of treatment of diseases of the oral mucosa in children.	2	four	2	eight	S, TK, SZ, UZ
6	9	Changes in the oral mucosa in children with infectious diseases	2	12	four	eighteen	S, SZ, UZ
7	9	Diseases of the lips and tongue in children	2	6	2	ten	S, TK, SZ, UZ
eight	9	Exam				36	S, TK, SZ, UZ
<b>Total:</b>			<b>ten</b>	<b>64</b>	<b>34</b>	<b>144</b>	S, SZ, UZ

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

#### **6. The list of educational and methodological support for independent work of students in the discipline**

<b>No./n</b>	<b>semester number</b>	<b>Name of educational and methodical development</b>
one	8.9	Children's dentistry. Methodological guide to practical exercises for teachers of the Faculty of Dentistry, VII-IX semester; Remizova A.A., Dzgoeva Z.G.; 2020 - 31 p.
		Children's dentistry. Educational and methodical manual for practical exercises for students of the Faculty of Dentistry; VII-IX semester; Remizova A.A., Dzgoeva Z.G.; 2020 - 87 p.
		Children's dentistry. Methodical manual on independent extracurricular work for students; VII-IX semester; Remizova A.A., Dzgoeva Z.G.; 2020 - 43 p.

7. Assessment materials for conducting intermediate certification of students in the discipline

No./n	List of competencies	No. semester	Indicator(s) evaluation	Evaluation criterion(s)	Evaluation scale	Name FOS
one	2	3	four	5	6	7
one	UK-1 UK-6 OPK-1 OPK-5 OPK-6 OPK-9 OPK-13 PC-1 PC-2 PC-4	8.9	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; situational tasks, exam tickets

## 8. List of basic and additional educational literature necessary for mastering the discipline

### Main literature

P/ No.	Name	The authors)	Year, place of publication	Number of copies	
				in library	at the department
one	2	3	four	5	6
one.	Pediatric therapeutic dentistry: textbook. allowance	ed. L. P. Kiselnikova	M. : Litterra, 2010	100	
2.	Dentistry of childhood: a textbook in 3 hours. Part 1. Therapy	Elizarova V.M.	M. : GEOTAR- Media, 2016	ten	"Student Advisor" <a href="http://www.studmedlib.ru/book/ISBN9785970435526.html">http://www.studmedlib.ru/ book/ISBN978597043552 6.html</a>
3.	Dental instrumentation: atlas	Bazikyan E. A..	M. : GEOTAR- Media, 2015, 2017	one	"Student Advi- sor" <a href="http://www.studmedlib.ru/book/ISBN9785970440490.html">http://www.studmedlib .ru/book/ISBN9785970440 490.html</a>
four.	Practical therapeutic dentistry: textbook. allowance	Nikolaev A.I., Tsepov L.M.	M.: MEDpress- inform, 2010 2013 2014	3 eight 27	

### additional literature

P/ No.	Name	The authors)	Year, place of publication	Number of copies	
				in library	at the departmen t
one	2	3	four	5	6
one.	Pediatric therapeutic dentistry: national guidelines	ed. V. K. Leontiev	M. : GEOTAR- Media, 2010	one	
2	Atlas of dental diseases in children: textbook. allowance	Vinogradova T. F.	M.: MEDpress- inform, 2010	one	
four	Safe anesthesia in dentistry	S. A. Rabinovich [i dr.].	M. : GEOTAR- Media, 2018		"Student Advi- sor" <a href="http://www.studmedlib.ru/book/ISBN9785970444788.html">http://www.studmedli b.ru/book/ISBN97859704 44788.html</a>
5	Oral hygiene: study guide	Ed. A. A. Remizova	Moscow : GEOTAR-Media, 2021	100	
6	Pediatric therapeutic dentistry. Practice Guide	Ed. L. P. Kiselnikova	M. : GEOTAR- Media, 2012,2013	one	"Student Advi- sor" <a href="http://www.studmedlib.ru/book/ISBN9785970426227.html">http://www.studmedli b.ru/book/ISBN97859704 26227.html</a>
7	General anesthesia and sedation in pediatric dentistry: a guide	IN AND. Stosh and others.	M.: GEOTAR- Media, 2007		"Student Advisor"

				<a href="http://www.studmedlib.ru/book/ISBN9785970405055.html">http://www.studmedlib.ru/book/ISBN9785970405055.html</a>	
eight	Congenital malformations of the maxillofacial region in children: textbook	Ed. Topolnitsky O. Z.	M.: GEOTAR-Media, 2020	eighteen	
9	Pediatric dentistry: a guide	ed. R.R. Welbury	M. : GEOTAR-Media, 2013	one	
ten	Emergency care in dentistry.	Bichun A. B.	M. : GEOTAR-Media, 2014	3	
				"Student Advisor" <a href="http://www.studmedlib.ru/book/ISBN9785970430354.html">http://www.studmedlib.ru/book/ISBN9785970430354.html</a>	
eleven	Local anesthesia in the outpatient practice of a dentist: a textbook.	Kozlova M.V.	Moscow : GEOTAR-Media, 2021	5	
				"Student Advisor" <a href="http://www.studmedlib.ru/book/ISBN9785970458945.html">http://www.studmedlib.ru/book/ISBN9785970458945.html</a>	
12.	Dictionary-reference book of medical dental terms and concepts	Ed. I. Rasulova.	M. : Pero, 2019	one	
13.	Radiation diagnostics in dentistry: national guidelines	Ed. A. Vasilyeva	M. : GEOTAR-Media, 2010	one	



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

N o. p/ n	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	Medical literature on dentistry.	<a href="http://www.mmbook.ru">www.mmbook.ru</a>
5	Information dental resource.	<a href="http://denta-info.ru">denta-info.ru</a>
6	Information resource for students of medical universities	<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. Guidelines for students on mastering the discipline**

Training consists of contact work (74 hours), including a lecture course (10 hours), practical exercises (64 hours) and independent work (34 hours). The main study time is allocated for practical work on the assimilation of theoretical knowledge, the acquisition of practical skills and abilities.

When studying an academic discipline, it is necessary to use the entire resource of basic and additional educational literature, lecture material, visual aids and demonstration material and master the practical skills acquired in the course of 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 photographic materials, situational tasks are solved. Then the analysis of clinical patients is carried out.

In accordance with the requirements of the Federal State Educational Standard of Higher Education, interactive forms of conducting classes are widely used in the educational process (developmental and problem-based learning in the form of role-playing games, mastering practical skills on phantoms, analysis of a specific situation, discussion during a theoretical analysis of a topic, multimedia training). The proportion 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: work with visual materials, educational basic and additional literature, Internet resources, writing a case history, an essay.

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

Each student is provided with access to the library funds of the Academy and the department.

Methodological recommendations for students and methodological instructions for teachers have been developed for each section of the academic discipline.

During the study of the discipline, they independently conduct an examination of patients, draw up a medical history and submit an abstract.

Writing an essay contributes to the formation of skills in working with educational literature, the 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 work of a student in a group forms a sense of collectivism and sociability.

Teaching students contributes to the development of their communication skills with the patient, taking into account the ethical and deontological characteristics of pathology and patients. Independent work with patients contributes to the formation of professional behavior, responsibility, accuracy, 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.



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

1. Microsoft office
2. Microsoft PowerPoint
3. TestOfficePro testing software
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. 3 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 283 m<sup>2</sup>.

The department has: phantom class (57 sq. m<sup>2</sup>),

educational and treatment room No. 13 - 18.4 m<sup>2</sup> (one installation);

educational and treatment room No. 14 joint. with a training room - 21.6 m<sup>2</sup>. (one installation);

educational and treatment room No. 15 joint. with a study room -81 m<sup>2</sup>. (four settings);

educational and treatment room No. 25 joint. with a training room (three installations) -26.2 m<sup>2</sup>;

educational and treatment room No. 26 together with the office of the head of the department 31 m<sup>2</sup>(two installations);

educational and methodical room No. 17 (10 m<sup>2</sup>) ;

assistant - 9 m<sup>2</sup>.

(Corridor 2nd floor - 15.3 m<sup>2</sup>. Corridor 3rd floor - 14.3 m<sup>2</sup>)

Part of the classes is held in the educational building No. 2 on the territory of the Federal State Budgetary Educational Institution of Higher Education SOGMA, in classrooms allocated for this purpose.

No./P	equipment identification	Quantity	Technical condition
one	2	3	four
<b>Special equipment</b>			
one	notebook	one	good
2	projector	one	good
3	PC	3	good
four	Dental units	12	good
<b>phantoms</b>			
one	Dental phantom units	fifteen	satisfactory
<b>dummies</b>			
one	Preparation jaws	12	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 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.