

Federal State Budgetary Educational Institution of Higher Education
"Privolzhsky Research Medical University"
Ministry of Health of the Russian Federation



APPROVED

Vice-Rector for Academic

Affairs

E.S. Bogomolova

31 August 2021

WORKING PROGRAM

Discipline: Assistant of Pediatric Dentist (practice)

Specialty - 31.05.03 Dentistry

Qualification: Dentist

Department: Pediatric dentistry

Mode of study: Full-time

Labor intensity of the academic discipline: 144 academic hours

Nizhny Novgorod
2021


The working program has been developed in accordance with the Federal State Educational Standard for the specialty 31.05.03. "Dentistry", approved by Order of the Ministry of Science and Higher Education of the Russian Federation No. 988 of August 12, 2020

Developers of the working program:

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2. Varvanina Svetlana Emilyevna, Candidate of Medical Sciences, Associate Professor of the Department of Pediatric Dentistry
3. Krivulina Galina Vladimirovna, Assistant of the Department of Pediatric Dentistry

The program was reviewed and approved at a meeting of the Department of Pediatric Dentistry, protocol No. ____ dated 01 June 2021


Head of the Department of Pediatric Dentistry, MD, Associate Professor Kosyuga Svetlana Yurievna _____ (print name)


(signature)

01 June 2021

AGREED

Deputy Head of EMA ph.d. of biology _____ Lovtsova L.V.


(signature)

01 June 2021

Dentistry of children's age belongs to the section of professional disciplines of the educational standard of higher medical education. Industrial practice in therapeutic dentistry for children is one of the links of the educational process and aims to consolidate the knowledge gained in the study of basic theoretical and clinical disciplines. Students with good knowledge of human anatomy and physiology, pathological anatomy and pathological physiology, pharmacology, therapeutic dentistry and who have successfully passed the examination in pediatric dentistry are allowed to practice.

1. Type of practice production.
2. The method of conducting the practice is stationary.
3. The form of conducting practice continuously.
4. The scope of practice is 4 ZE.
5. The duration of the practice is 2 weeks / 144 academic hours (AH).

The practice is conducted in the 9th semester after the session in January-month according to the schedule at the clinical bases of children's dental clinics and children's departments of dental clinics in Nizhny Novgorod, children's offices of dental departments of the Nizhny Novgorod region (if there is a certified specialist – a pediatric dentist). The production practice includes a training module: therapeutic dentistry of children.

1. The list of planned learning outcomes during the internship, correlated with the planned results of the development of the educational program

1.1. The purpose and objectives of the internship

In accordance with the curriculum, the main objectives of the internship are:

1. Consolidation and improvement of manual skills for the prevention, diagnosis and treatment of dental caries and its complications, diseases of periodontal tissues and oral mucosa in children.
2. Mastering clinical, radiological and laboratory diagnostic methods.
3. Familiarization with the methods of analyzing the results of treatment of dental diseases in children, participation in sanitary and educational work among parents and children.

The purpose of the internship: participation in the formation of relevant competencies – UC-1, OPC-1, OPC-2, OPC-6, OPC-8, OPC-9, OPC-11, PC-1, PC-2, PC-5, PC-6, PC-8, PC-9, PC-12.

The objectives of the practice of therapeutic dentistry for children:

1. To get acquainted with the organization of therapeutic dental care for children.

2. Master the work with accounting and reporting documentation of a pediatric dental clinic, department, office.
3. To familiarize yourself with the procedure for registration and issuance of a temporary disability sheet for the care of a sick child to parents.
4. Perform educational and research work (UIRS). The subject of the educational and research work should include an analysis of the effectiveness of medical and preventive measures, the dental morbidity of the child population according to the reporting documentation of the polyclinic, department, office, or an analysis of the effectiveness of any method (methodology) of treatment in this medical institution.
5. Master the organizational forms of rehabilitation and medical examination of the child population, be able to analyze the results of various organizational forms of rehabilitation and medical examination.
6. Master the appointment and performance of physiotherapy procedures, prescriptions.
7. To study the features of the work of a dentist in a preschool, school during the planned sanitation of the oral cavity.
8. Learn to independently conduct sanitary and educational work among children and parents (lectures, conversations, memos, brochures).

1.2. To study the discipline, knowledge, skills and abilities formed by previous disciplines are necessary:

1.2.1. Foreign language

Knowledge – General medical terms in English and Latin. Dental medical terms in English and Latin.

Skills – to understand dental medical terms in English and Latin.

Skills – Use common medical and dental medical terms in English and Latin.

1.2.2 Human anatomy.

Knowledge of the anatomical structure, blood supply and innervation of the maxillofacial region in children of different ages.

Skills – to evaluate the bite of its types in different age periods, the anatomical structure of temporary and permanent teeth and CHLO in children.

Skills – to determine the norm and pathology of bite in children of different ages, to determine the timing of eruption of temporary and permanent teeth.

1.2.3. Histology and embryology.

Knowledge – histology of oral organs and teeth, embryology of oral organs and teeth.

Skills –to determine the histological structure of the tissues of the oral cavity.

Skills – to identify histological changes in the tissues of the oral cavity in normal and pathological processes.

1.2.4. Normal physiology.

Knowledge – the functions of teeth and their role in the body.

Skills – to identify changes in the pulp of the tooth, periodontal inflammation and age-related changes.

Skills – methods of registering pain syndrome in dental caries and its complications.

1.2.5. Microbiology.

Knowledge is the microflora of the oral cavity. Infection. Physiology of microorganisms. Immunity.

Skills – methods of taking smears and scraping the microflora of the oral cavity.

Skills – to determine the microflora of the oral cavity in normal and pathological conditions.

1.2.6. Biochemistry.

Knowledge – Properties and composition of saliva. Amino acids of hard tissues of teeth and pulp. Protein metabolism in the hard tissues of the teeth.

Skills – to identify changes in the composition and properties of saliva, changes in the structure of hard tissues of teeth.

Skills – to determine the pH of saliva, the remineralizing ability of saliva, the permeability of hard tissues of teeth.

1.2.7. Pathological physiology.

Knowledge Is Inflammation. Pathology of thermoregulation. Fever. Tumors. Allergy.

Skills – to identify the presence of inflammation, allergic reaction, tumor.

Skills – to determine the severity and severity of the inflammatory process.

1.2.8. Pathological anatomy.

Knowledge Is Inflammation. Necrosis. Regeneration. Tumors. Injuries.

Skills - to take material for cytological examination (scrapings, prints) from the study area;

Skills – to distinguish different pathological processes from each other.

1.2.9. Pharmacology.

Knowledge – Antiseptics in the pediatric dentistry clinic.

Enzymes. Antibiotics. Antimicrobial and antiparasitic agents. Means affecting tissue metabolism. Antiallergic drugs. Antidotes and complexes. Tranquilizers and sedatives. Narcotic and non-narcotic analgesics. Local anesthetic drugs.

Skills – the choice of the necessary drug depending on the pathology

Skills - to write prescriptions for medicines.

1.2.10. Topographic anatomy and operative surgery.

Knowledge – topographic anatomy of the head and neck.

Skills – to determine the ways of spreading a purulent infection, ways of spreading metastases.

Skills – to identify the area of the spread of inflammation, to identify the area of the spread of the tumor process

1.2.11. Pediatrics

Knowledge – Features of the physical and mental development of the child. Features of nutrition of children of the first year of life, preschool and school-age children.

Skills – to assess the physical and mental development of the child, to determine the nature of the child's nutrition

Skills – to identify deviations in the physical and mental development of the child, to propose a scheme of rational nutrition of the child in different age periods for the formation of oral health.

1.2.12. Propaedeutic dentistry

Knowledge –Prevention of caries and non-carious lesions.

Prevention of periodontal diseases.

Prevention of diseases of the oral mucosa.

Skills – to evaluate the values and criteria of oral hygiene indices, as well as indices and criteria for the prevalence and intensity of major dental diseases.

Skills – to determine the indices of oral hygiene assessment.

Indices and criteria for assessing the prevalence and intensity of major dental diseases.

1.2.13. Therapeutic dentistry

Knowledge– clinic, diagnosis and treatment of major dental diseases in children and adolescents.

Skills – to assess the condition of the oral cavity in children and adolescents with major dental diseases and choose treatment tactics.

Skills – to diagnose and treat major dental diseases in children and adolescents.

1.2.14 Surgical dentistry and maxillofacial surgery

Knowledge – Features of anesthesia in surgical dentistry.

Inflammatory diseases and traumatic injuries of the maxillofacial region. Reconstructive and plastic surgery in the face and neck.

Skills – to determine the method of anesthesia in surgical dentistry, to determine tactics for inflammatory diseases and traumatic injuries of the maxillofacial region.

Skills – to perform anesthesia in the maxillofacial region, to provide dental care for inflammatory diseases and traumatic injuries of the maxillofacial region.

1.2.15. Orthopedic dentistry (orthodontics and children's prosthetics)

Knowledge – Organization of orthodontic care for children. Types of dental anomalies. Classifications. Etiology.

Skills – to assess the condition of the bite in children of different ages.

Skills – to conduct an examination of children with orthognathic bite and dental anomalies, diagnose and treat dental anomalies.

2. Requirements for the results of mastering the program of the discipline of practice.

As a result of mastering the discipline program, the following competencies are formed in the student:

Universal competencies:

UC-1. The ability to carry out a critical analysis of problem situations based on a systematic approach, to develop a strategy of action.

General professional competencies:

GPC-1. Ability and willingness to implement ethical and deontological principles in professional activity.

GPC-2. The ability to analyze the results of their own activities to prevent professional mistakes.

GPC-6. Readiness to diagnose and treat diseases of the maxillofacial region in children and adolescents.

GPC-8. Application of the fundamentals of fundamental and natural science knowledge.

GPC-9. Ability to assess morphofunctional, physiological conditions and pathological processes in the human body for solving professional tasks.

GPC-11. Readiness for organization and management.

Professional competencies:

PC-1. The ability to diagnose dental diseases and pathological conditions of patients.

PC-2. Ability to carry out measures for the prevention of dental diseases.

PC-5. Application of the basic principles of the organization of dental care in medical organizations and their structural divisions.

PC-6. Conducting diagnostics of dental diseases and pathological conditions of patients.

PC-8. Conducting a medical examination.

PC-9. Treatment of patients with dental diseases.

PC-12. Participation in solving research and applied scientific problems in the field of healthcare and medical sciences.

3. Results of discipline development and indicators of competence achievement.

№ п/п	Competence code	The content of the competence (or part of it)	Code and name of the competence achievement indicator	As a result of studying the discipline , students should:		
				know	Be able to	Possess skills
1.	UC-1	Ability to abstract thinking, analysis, synthesis	ИД-1 UC-1. He is able to carry out a critical analysis of problem situations based on a systematic approach, to develop a strategy of actions	basic principles and algorithms of information analysis and synthesis in the professional medical activity of a pediatric dentist	analyze the situation and systematize the information data received for each specific clinical case in pediatric dentistry	clinical thinking, synthesis of the obtained data and analysis of the situation depending on the specific clinical case in pediatric dentistry
2.	PC-1	Ability to diagnose dental diseases and pathological conditions of patients	ИД-1. PC-1. Ability and readiness to implement a set of measures aimed at preserving and strengthening health and including the formation of a healthy lifestyle of the patient (their relatives / legal representatives). Prevention of the occurrence and (or) spread of dental diseases, their early diagnosis, identification of the causes and conditions of occurrence and development, as well as prevention..	fundamentals of preventive measures for the formation of dental health of children and adolescents, the influence of hereditary factors and environmental factors on the occurrence of major dental diseases among the child population	conduct lectures, talks, discussions about factors affecting the dental health of children and adults, the causes of major dental diseases among children and adolescents, measures to prevent dental diseases in the family and in society	methods of dental education, methods of auditory, speech, illustrative motivation for the formation of dental health of children and their parents

3.	PC-2	Ability to carry out measures for the prevention of dental diseases	ИД-1 _{PC-2} . The ability and readiness to conduct preventive medical examinations, medical examination of various categories of citizens and the implementation of dispensary supervision of patients with dental pathology	Fundamentals of planning and conducting preventive medical examinations, medical examinations and the implementation of dispensary supervision of children and adolescents with dental pathology.	to carry out preventive medical examination and to carry out dispensary supervision of children and adolescents with dental diseases	methods of preventive dental examination of the maxillofacial region in children and adolescents of different ages and methods of dispensary observation in children and adolescents with different nosological forms of dental diseases
4.	PC-5	Application of the basic principles of the organization of dental care in medical organizations and their structural divisions.	ИД-1 _{PC-5} . Ability and readiness to use social and hygienic methods of collecting and medical-statistical indicators on dental morbidity, indicators of the quality of dental care.	Rules of registration and peculiarities of maintaining medical documentation, including in the form of an electronic document, in medical organizations of dental profile. Rules of work in medical information systems and information and telecommunication network "Internet". Job responsibilities of medical workers in medical organizations of dental profile. Organization of dental offices, equipment and equipping of dental offices,	Make a work plan and a work report. Fill out medical documentation, including in the form of an electronic document and monitor the quality of its management. To analyze medical and statistical indicators of the incidence of dental diseases. To use information systems in the field of healthcare and the Internet information and telecommunication network in their work. To monitor the performance of official duties of the medical personnel at the disposal. To use personal data of patients and information constituting a	Drawing up a work plan and a report on their work. Maintaining medical records, including in the form of an electronic document. Control of the performance of official duties by the medical personnel at the disposal. The use of information systems in the field of healthcare and the information and telecommunication network "Internet". The use of personal data of patients and information constituting

				departments and polyclinics. Occupational health, safety and fire safety requirements, procedures for emergency situations.	medical secret in the work	a medical secret in the work.
5.	PC-6	Conducting diagnostics of dental diseases and pathological conditions of patients.	ИД-1 PC-6. The ability to determine the main pathological conditions, symptoms, syndromes of dental diseases, nosological forms in patients in accordance with the International Statistical Classification of Diseases and Health-related Problems, X viewing.	pathological physiology and pathological anatomy, clinic, diagnostics and differential diagnostics, nosological forms of major dental diseases in children and adolescents in accordance with ICD-10	to determine in patients the main pathological conditions, symptoms, syndromes, nosological forms of dental diseases in children and adolescents	methods for determining pathological conditions, symptoms, syndromes of dental diseases and their nosological forms in children and adolescents
6.	PC-8	Conducting a medical examination	ИД-1. PC-8. Readiness to carry out the examination of temporary disability, participation in the medical and social examination, the statement of biological death of a person	The procedure for issuing disability certificates. Medical indications for referral for medical and social examination. Requirements for registration of medical documentation	Identify signs of temporary care for a sick child suffering from a dental disease. To draw up medical documentation for the referral of children with dental diseases to federal state institutions of medical and social expertise	Examination of temporary disability to care for a sick child suffering from a dental disease. Registration of the necessary medical documentation for medical and social expertise in federal state institutions of medical and social expertise. Referrals of children and adolescents with dental diseases for medical and social expertise. Issuance of a disability certificate, including to persons

						caring for a sick family member.
7.	PC-9	Treatment of patients with dental diseases	ИД-1. PC-9 Readiness to determine the need for the use of natural therapeutic factors, medicinal, non-drug therapy and other methods in patients with diseases of the maxillofacial region in need of medical rehabilitation and spa treatment	Indications and contraindications to the use of natural therapeutic factors, medicinal, non-drug therapy and other methods in children and adolescents with diseases of the maxillofacial region in need of medical rehabilitation and sanatorium treatment; efficacy and safety of non-drug therapy; features of interaction of non-drug therapy methods in patients with diseases of the maxillofacial region in need of medical rehabilitation and sanatorium-resort treatment; the algorithm for performing physiotherapy procedures.	Indications and contraindications to the use of natural therapeutic factors, medicinal, non-drug therapy and other methods in children and adolescents with diseases of the maxillofacial region in need of medical rehabilitation and sanatorium treatment; efficacy and safety of non-drug therapy; features of interaction of non-drug therapy methods in patients with diseases of the maxillofacial region in need of medical rehabilitation and sanatorium-resort treatment; the algorithm for performing physiotherapy procedures.	Has practical experience: determining indications and contraindications to the use of natural therapeutic factors, medicinal, non-drug therapy and other methods in children and adolescents with diseases of the maxillofacial region in need of medical rehabilitation and sanatorium treatment; evaluating the effectiveness and safety of non-drug therapy; analyzing the interaction of non-drug therapy methods in patients with diseases of the maxillofacial region. facial area in need of medical rehabilitation and spa treatment; performing physiotherapy procedures.
8.	PC-12	Participation in solving research and scientific-applied problems in the field of health and medical	ИД-1. PC-12. Willingness to participate in scientific research, analysis and public presentation of medical information based on	Fundamentals of evidence-based medicine; main sources	To search for medical information based on evidence-based	Has practical experience in: Developing algorithms

		sciences	evidence-based medicine and to participate in the introduction of new methods and techniques aimed at protecting public health and reducing dental morbidity.	of medical information based on evidence-based medicine; methods and forms of public presentation of medical information; basic principles of medical scientific research.	medicine; interpret the data of scientific publications; critically evaluate modern methods of diagnosis, prevention and treatment of diseases from the standpoint of evidence-based medicine; to justify your choice of methods of diagnosis, prevention and treatment of dental diseases; prepare a presentation for public presentation of medical information, the results of scientific research.	for examination and treatment of adults and children with dental diseases in accordance with the principles of evidence-based medicine; search and interpretation of medical information based on evidence-based medicine; public presentation of medical information based on evidence-based medicine; partial participation in scientific research.
10.	GPC-2	Use of ethical and legal bases of professional activity	ИД-1 ^{GPC-2} . The ability to analyze the results of their own activities to prevent professional mistakes	Procedures for the provision of medical care, clinical recommendations, taking into account the standards of medical care; methodology for analyzing the results of their own activities.	To analyze the results of examination and treatment of patients with dental diseases; to draw up an action plan to prevent professional mistakes based on the analysis of the results of their own activities.	Participation in the clinical (clinical-anatomical) conference on the analysis of errors of professional activity
11.	GPC-1	Use of ethical and legal bases of professional activity	ИД-1 ^{GPC-1} Ability and willingness to implement ethical and deontological principles in professional activity.	The basic principles of ethics and deontology of medical practice, adapted to the interaction with the team, children and their parents during the children's	To contact children and adolescents of different ages, as well as interact with parents of children, taking into account ethical and deontological norms and rules	medical deontological communication skills with colleagues patients and junior medical staff

				dental reception.		
12.	GPC-6	Readiness to diagnose and treat diseases of the maxillofacial region in children and adolescents.	ИД-1 ^{GPC.6} . Is able to conduct a patient examination in order to establish a diagnosis when solving professional tasks	Knows the methodology of collecting anamnesis of life and diseases, complaints in children and adults (their legal representatives); methods of examination and physical examination; clinical picture, methods of diagnosis of the most common diseases; methods of laboratory and instrumental studies to assess the state of health, medical indications for research, rules for interpreting their results; international statistical classification of diseases and health-related problems (ICD-10); conditions requiring urgent medical care	Collect complaints, life history and diseases in children and adults (their legal representatives), identify risk factors and causes of diseases; apply methods of examination and physical examination of children and adults; interpret the results of examination and physical examination of children and adults; diagnose the most common pathology in children and adults; identify risk factors for cancer; formulate a preliminary diagnosis, make a plan for laboratory, instrumental and additional studies in children and adults in accordance with the procedures for providing medical care, clinical recommendations, taking into account the standards of medical care; send children and adults to laboratory, instrumental and additional studies in accordance with the current procedures for providing dental medical care, clinical recommendation	He has practical experience in: collecting complaints, anamnesis of life and disease in children and adults (their legal representatives), identifying risk factors and causes of diseases; examination and physical examination of children and adults; diagnosis of the most common diseases in children and adults; identification of risk factors for major oncological diseases; formulation of a preliminary diagnosis, drawing up a plan conducting instrumental, laboratory, additional studies, consultations of specialist doctors; referrals of patients for instrumental, laboratory, additional studies, consultations of specialist doctors in accordance with the current

					<p>s, taking into account standards of medical care; refer children and adults for consultations with specialist doctors in accordance with the procedures for providing medical care, clinical recommendations, taking into account the standards of medical care; interpret and analyze the results of consultations by specialist doctors for children and adults; interpret and analyze the results of basic (clinical) and additional (laboratory, instrumental) examination methods; conduct differential diagnostics diseases in children and adults; to identify clinical signs of sudden acute diseases, conditions, exacerbations of chronic diseases without obvious signs of life-threatening, requiring urgent medical care.</p>	<p>procedures for providing medical care, clinical recommendations, taking into account the standards of medical care; interpretation of data from additional (laboratory and instrumental) examinations of patients; making a preliminary diagnosis in accordance with the international statistical classification of diseases and health-related problems (ICD); differential diagnosis of diseases; recognition of conditions arising from sudden acute diseases, exacerbation of chronic diseases without obvious signs of a threat to the patient's life and requiring urgent medical care</p>
13	GPC-8	Application of the fundamentals of fundamental and natural science knowledge	ИД-1 _{GPC-8} . Able to use basic physico-chemical, mathematical and natural science concepts and methods in solving professional problems	Basic physico-chemical, mathematical and natural science concepts and methods used in medicine	Interpret the data of the basic physico-chemical, mathematical and natural science research methods in solving	He has practical experience in the application of basic physico-chemical, mathematical

					professional problems	1 and natural science research methods in solving professional problems
14.	GPC-9	Application of the fundamentals of fundamental and natural science knowledge	ИД-1 _{GPC-9} . Ability to assess morphofunctional, physiological conditions and pathological processes in the human body for solving professional tasks.	Algorithm of general clinical examination, indicators of laboratory and instrumental methods of research in normal and pathological conditions in children and adolescents to assess morphofunctional, physiological conditions and pathological processes.	To conduct a general clinical examination, issue a medical history, interpret the results of laboratory and instrumental research methods.	methods of conducting a general clinical examination, registration of a medical history, methods of evaluating the results of laboratory and instrumental research methods
15.	GPC-11	Readiness for organization and management	ИД-1 _{GPC-11} . Ability to implement the principles of quality management in professional activity	Basic concepts of the quality management system of a medical organization; requirements for ensuring internal quality control and safety of medical activities	To analyze the quality of medical care for dental patients; to ensure internal quality control and safety of medical activities; to organize work and monitor the performance of official duties of the medical personnel at the disposal.	He has practical experience in: carrying out work to ensure internal quality control of medical care for dental patients and the safety of medical activities

4. Summary in didactic units

№	Competence code	Name of the discipline section	The content of the section in didactic units
1.	UC-1 GPC-1 GPC-2 GPC-6 GPC-8 GPC-11 PC-1 PC-2 PC-5 PC-6	Prevention of caries; non-carious lesions of the hard tissues of the teeth, periodontal diseases and oral mucosa in children of different ages.	Prevention of major dental diseases in children and adolescents, forms and methods of prevention. Etiology, pathogenesis, pathological anatomy of caries; pulpitis, periodontitis, non-carious lesions of hard tissues of teeth, periodontal diseases and oral mucosa. Registration of medical documentation.

	PC-8 PC-9 PC-12		
2.	UC-1 GPC -1 GPC -2 GPC -6 GPC -8 GPC -11 PC- 1 PC- 2 PC-5 PC-6 PC-8 PC-9 PC-12	Clinic, diagnosis of caries; pulpitis, periodontitis, non-carious lesions of hard tissues of teeth in children of different ages.	Clinic, diagnosis, differential diagnosis of caries; pulpitis, periodontitis, non-carious lesions of hard tissues of teeth in children and adolescents. Registration of medical documentation.
3.	UC-1 GPC -1 GPC -2 GPC -6 GPC -8 GPC -11 PC- 1 PC- 2 PC-5 PC-6 PC-8 PC-9 PC-12	Methods of treatment of diseases of hard tissues of teeth in patients of different ages	Methods of treatment of caries and non-carious lesions of hard tissues of teeth in children and adolescents. Registration of medical documentation.
4.	UC-1 GPC -1 GPC -2 GPC -6 GPC -8 GPC -11 PC- 1 PC- 2 PC-5 PC-6 PC-8 PC-9 PC-12	Endodontic treatment of pulp and periodontal diseases in patients of different ages	Etiology, pathogenesis, pathological anatomy, clinic, diagnosis, differential diagnosis, methods of treatment and prevention of pulpitis, periodontitis in children and adolescents. Registration of medical documentation.
5.	UC-1 GPC -1 GPC -2 GPC -6 GPC -8 GPC -11 PC- 1 PC- 2 PC-5 PC-6 PC-8 PC-9 PC-12	Features of the course and treatment of periodontal diseases in patients of different ages	Etiology, pathogenesis, pathological anatomy, clinic, diagnostics, differential diagnosis, methods of treatment and prevention of periodontal diseases in children and adolescents. Registration of medical documentation.
6.	UC-1 GPC -1 GPC -2	Features of the course and treatment of typical diseases of	Etiology, pathogenesis, pathological anatomy, clinic, diagnostics, differential diagnosis, methods of

	GPC -6 GPC -8 GPC -11 PC- 1 PC- 2 PC-5 PC-6 PC-8 PC-9 PC-12	the oral mucosa in patients of different ages	treatment and prevention of diseases of the mucous membrane of the mouth and lips in children and adolescents. Registration of medical documentation.
7.	UC-1 GPC -1 GPC -2 GPC -6 GPC -8 GPC -11 PC- 1 PC- 2 PC-5 PC-6 PC-8 PC-9 PC-12	Anesthesia in the practice of a pediatric dentist.	Indications and contraindications to general and local anesthesia during dental manipulations in a pediatric dental clinic. The value of premedication. Types of local anesthesia, features of its implementation in children. Help with emergency conditions in the conditions of a children's dental clinic.
8.	UC-1 GPC -1 GPC -2 GPC -6 GPC -8 GPC -11 PC- 1 PC- 2 PC-5 PC-6 PC-8 PC-9 PC-12	Trauma of the soft tissues of the face, organs, oral mucosa, teeth	Treatment of dislocations and fractures of teeth in children. Complications and their prevention. Etiology of soft tissue injuries of the face and oral mucosa in children. Clinic, diagnosis, treatment, outcomes. Registration of medical documentation.
9.	UC-1 GPC -1 GPC -2 GPC -6 GPC -8 GPC -11 PC- 1 PC- 2 PC-5 PC-6 PC-8 PC-9 PC-12	Tumors and tumor-like processes of the maxillofacial region in children.	Benign and malignant tumors of the soft tissues of the face, organs and oral mucosa in children. Clinic, diagnostics, differential diagnostics. Tactics of treatment of neoplasms in children. Principles of oncological alertness in the practice of a pediatric dentist at a therapeutic appointment. Registration of medical documentation.

5. The place of practice in the structure of the main educational program of the OOP in

7.1. The practice relates to Block 2 of the OOP IN.

7.2. For practical training, knowledge, skills and abilities formed by previous disciplines practices are required:

- propaedeutic dentistry;
- therapeutic dentistry;
- surgical dentistry;
- orthopedic dentistry.

6. The content of the practice.

6.1. Practice sections and types of classes

№	Section name	L	PE	IWofS	Total
1.	Ethics and deontology in the practice of a dentist	4,0			4,0
2.	Familiarization of students with the principles of organization and operation of children's dental polyclinic, prevention of nosocomial infections in health care facilities		0,5	0,5	1,0
3.	Familiarization of students with occupational health and safety measures, prevention of occupational diseases		0,5	0,5	1,0
4.	Mastering by students of methods of prevention of dental diseases in children and adolescents, as well as prevention of complications in the pediatric dentistry clinic		8,0	2,0	10,0
5.	Mastering of diagnostic methods by students during dental examination of children and adolescents with various dental diseases, injuries, defects and deformations of the tissues of the JFR		8,0	4,0	12,0
6.	Mastering by students of diagnostic methods of symptomatic manifestations of somatic and infectious diseases in the oral cavity in children and adolescents		8,0	3,0	11,0
7.	Mastering by students of methods of dental therapeutic treatment, methods of prevention of complications in the treatment, as well as in the rehabilitation of children with diseases of JFR in the provision of outpatient dental care		44,0	6,0	50,0
8.	Familiarization of students with office work in a children's dental clinic		0,5		0,5
9.	Organization of work with medicines and compliance with the rules of their storage		0,5		0,5
10.	Sanitary and educational activities: conducting hygiene lessons, lectures,		8,0	16,0	24,0

	conversations with children and their parents, preparing visual aids (sanitary bulletin, wall newspapers, baby books, etc.), conducting individual conversations, teaching oral hygiene to children and parents.				
11.	Educational and research work (writing an abstract, or statistical research work on the dental morbidity of children in this area, or writing an academic medical history)			30,0	30,0
	TOTAL	4,0	78,0	62,0	144,0

* L– lectures using DET and EEF; PE – практические занятия применением ДОТ и ЭОС; IWofS –independent work of students.

6.2 Thematic plan of lectures with the use of DET and EEF:

№	Name of lecture topics	volume in academic hours
1.	How to tell bad news to a patient	1,0
2.	Empathy of a doctor	1,0
3.	Professional communication of medical workers	1,0
4.	Psychological features of communication with patients	1,0
	TOTAL	4,0

Note: lectures are delivered remotely by the Department of General Psychology.
<https://yadi.sk/dGAJChmuNHhWEg>

6.3 Thematic lesson plan with the use of DET and EEF:

№	The name of the topics of classes	volume in academic hours
1.	Introductory lesson: familiarization with the organization of the work of a children's dental clinic, documentation, safety precautions, rules for storing medical supplies	2,0
2.	Prevention of dental diseases in children. Conducting a clinical dental examination of a child, drawing up a plan of therapeutic and preventive measures, determining the dispensary group	6,0
3.	Prevention of dental diseases in children. Professional hygiene	2,0
4.	Diagnosis of caries of milk and permanent teeth in children	4,0
5.	Diagnosis of complicated caries of milk and permanent teeth in children	4,0
6.	Diagnosis of periodontal diseases in children	4,0
7.	Diagnosis of diseases of the oral mucosa in children.	8,0
8.	Mastering the methods of treatment of caries of baby teeth in	8,0

	children	
9.	Mastering the methods of treatment of complicated caries of baby teeth in children. Determination of absolute and relative indications for the removal of a baby tooth	8,0
10.	Mastering the methods of treatment of caries of permanent teeth in children	8,0
11.	Mastering methods of treatment of complicated caries of permanent teeth in children	8,0
12.	Mastering methods of treatment of periodontal diseases and oral mucosa	8,0
13.	Conducting hygiene lessons or lectures conversations for the purpose of dental education of children and parents	8,0
	TOTAL (acad. hours)	78,0

6.4 Types and topics for student's independent work (SIW):

№	Topic	Type of work	Volume in academic hours
1.	Organization of children's dental service in Russia	Working with literature, electronic educational resources of PRMU	6,0
2.	Fluoridation of teeth	Working with literature, electronic educational resources of PRMU	6,0
3.	Diagnosis of caries of milk and permanent teeth in children	Working with literature, electronic educational resources of PRMU	6,0
4.	Differential diagnosis of infectious diseases in children with manifestations in the oral cavity	Working with literature, electronic educational resources of PRMU	6,0
5.	Non-invasive and minimally invasive methods of treatment of caries of baby teeth in young children	Working with literature, electronic educational resources of PRMU	12,0
6.	Sanitary dental education, hygiene lesson	Planning of the event, preparation of materials and visual aids for conducting hygiene lessons	2,0
7.	Sanitary dental education, visual aid	Preparation of material for the creation of a wall newspaper, or a sunbullet, or a baby book. Design of a visual aid.	12,0
8.	Educational research work of students	Abstract, or writing an academic medical history, or conducting a statistical	12,0

		study on the incidence of caries in children of this area	
	TOTAL (acad. hours)		62

Independent work of students makes up about a third of the total labor intensity of practice in the discipline and includes: keeping a diary on practice, filling out a certificate sheet, working with literature, preparing and conducting conversations, lectures, reports, presentations on the prevention of dental diseases, making materials on dental education.

The subject of the abstracts:

1. Caries. Clinic. Diagnostics. Treatment of initial forms of caries of temporary and permanent teeth and criteria for its effectiveness.
2. Pulpitis of temporary teeth in children. Etiology, pathogenesis, diagnosis, differential diagnosis. Treatment of pulpitis of permanent teeth in children.
3. Errors and complications in the treatment of pulpitis in children. Criteria for the effectiveness of treatment.
4. Periodontitis of temporary teeth in children. Clinic, diagnosis, choice of treatment method.
5. Malformations of the hard tissues of the tooth. Modern methods of treatment.
6. Trauma of teeth: bruises, dislocations, fractures. Etiopathogenesis, clinic, differential diagnosis. New methods of treatment of dental trauma in children. Errors, complications, prognosis.
7. Diseases of the oral mucosa of various origins. Differential diagnosis, principles of treatment.
8. Periodontal diseases in children. New medicines in the treatment of diseases of the SOPR and periodontal. Prevention of periodontal diseases and oral mucosa.

Student Responsibilities:

1. The student must promptly appear at the base of the industrial practice and provide the head of the practice at the medical institution with the necessary documentation: referral, diary, guidelines for practice.
2. During the internship, the student is obliged to obey his immediate supervisor, the chief physician and the head of the pediatric dental department of the polyclinic.
3. The student is obliged to observe the form of clothing: a white coat or a medical suit, replaceable shoes, a hat, a mask, gloves.

4. When working in the clinic, the student is obliged to coordinate the results of the clinical examination of the patient, diagnosis, treatment plan with his immediate supervisor.
5. Carefully and competently fill out outpatient medical records and a diary on industrial practice, taking into account the work performed. The diary gives an idea of the sequence in which the work was carried out, with which pathology the patients were treated.
6. The established procedure for admission of patients, careful attitude to equipment and tools, compliance with safety regulations are mandatory for students on an equal basis with full-time employees of the institution.
7. The student is obliged to work at the reception for 6 hours daily and obey the internal regulations of the institution. Timely arrival and departure from work are mandatory. With a 5-day working week, the student must work one Saturday at the therapeutic reception of the children's population.
8. Observe deontological principles. The student is obliged to show an example of polite and sensitive attitude towards patients, colleagues, fellow students and service personnel.
9. Comply with the implementation of the individual plan of practical training in therapeutic dentistry for children:
 - a) treatment of uncomplicated caries of temporary and permanent teeth – 15 teeth;
 - b) treatment of complicated caries of temporary and permanent teeth – 7 teeth;
 - c) anesthesia:
 - infiltration – 5 patients;
 - conductor – 5 patients;
 - d) professional oral hygiene – 10 patients;
 - e) training in rational oral hygiene – 5 patients;
 - e) controlled dental cleaning – 5 patients;
 - g) carrying out work on dental education among children and parents:
 - individual – 10 patients;
 - group – 1-2 conversations;
 - health lessons – 2.

As a result of this internship , the student must acquire the following practical skills:

1. Carrying out dental examination of children of various ages.
2. Registration of the medical card of the primary dental patient.
3. Record the dental formula in accordance with the international designation system.

4. Establishing emotional and psychological contact with the child and his parents.
5. Assessment of the neuropsychic development of the child, his physical and intellectual development.
6. Conducting a study of the skin, visible mucous membranes, oral mucosa and oropharynx.
7. Conducting a study of the lymph nodes of the maxillofacial region.
8. Reading of overview radiographs of the bones of the facial skeleton, jaw bones, orthopantomograms, panoramic and intraoral radiographs.
9. Assessment of the child's condition based on the examination data and the results of additional research methods.
10. Making a preliminary diagnosis in acute and chronic inflammatory processes of the maxillofacial region in a child.
11. Drawing up a plan for the examination of a child with acute and chronic inflammatory processes of the maxillofacial region.
12. Making a clinical diagnosis, drawing up a treatment plan, rehabilitation and prevention of complications in a child with acute and chronic inflammatory processes of the maxillofacial region.
13. Making a final diagnosis in acute and chronic inflammatory processes of the maxillofacial region in a child.
14. Local use of anti-inflammatory, antimicrobial, antiseptic, decongestant and other drugs.
15. Applying a bandage for inflammatory diseases.
16. Appointment of antibacterial, anti-inflammatory, desensitizing, immunomodulating, etc. medicines for children of different age groups.
17. Diagnosis of an emergency condition (fainting, shock, collapse, cardiovascular insufficiency).
18. Carrying out resuscitation measures in case of emergency conditions.
19. Application anesthesia.
20. Conducting infiltration anesthesia.
21. Conducting conduction anesthesia.
22. Determination of indications and contraindications to general anesthesia in a pediatric dental clinic.
23. Conducting EDI and decoding indicators.
24. Treatment of caries of temporary and permanent teeth in children of different age groups, the choice of filling material.

25. Treatment of pulpitis of temporary teeth by amputation methods.
26. Treatment of pulpitis of permanent teeth with formed roots by extirpation methods.
27. Determination of indications for surgery on the bridges of the tongue, lips, for plastic vestibule.
28. Determination of absolute and relative contraindications to the treatment of a temporary tooth with a diagnosis of periodontitis.

6.5 Practice reporting forms.

Diary (report) in practice.

The form of the diary and the main sections of the diary of industrial practice in therapeutic dentistry for children.

Title page

federal state budgetary educational institution of Higher Education

"Privolzhkiy Research Medical University"

Health Care Ministry of the Russian Federation

Department of Pediatric Dentistry

(head of the department - Doctor of Medical Sciences S.Y.Kosyuga)

DIARY

of industrial practice in pediatric dentist

student's first and last name _____

faculty _____

course _____ group _____

Practice time:

from « » _____ 20__.

to « » _____20__.

Place of practice _____

(name of hospital)

Head of practice at the Department of Pediatric Dentistry

(last name first

name patronymic)

Head of practice at a medical institution

(last name first

name patronymic)

Description of the medical institution where the student is practicing.

During the practical training in therapeutic dentistry for children, the student gets acquainted with the organization of the activities of a dental clinic, a children's dental department, a mobile dental office, an examination room, a dental disease prevention room, physiotherapy and X-ray rooms.

The diary should reflect the structure of the dental clinic, the children's dental department, the dental office, the number of jobs, equipment, characteristics of the premises, the organization of admission of patients in the clinic and the department.

The student gets acquainted with the rules of compliance with asepsis and antiseptics in a dental clinic, compliance with safety regulations and care of dental equipment.

Diary diagram.

The student's work practice diary is an official document and is kept in a common notebook. The diary is filled out daily, carefully, in legible handwriting. The diary should reflect all the work that the student has done independently.

When filling out the diary, students should carefully collect complaints and anamnesis of the development of the disease. During the survey, it is necessary to find out the diseases suffered in early childhood, the existing chronic somatic diseases, the allergic status of the child. Parents also need to find out the development of the child in the antenatal period (the course of pregnancy in the mother, the mother's diseases at various stages of pregnancy, taking medications and working conditions during pregnancy), whether the child was born on time or not, the peculiarities of breastfeeding (breast, artificial, mixed).

Then describe the objective data. The description of objective data should include not only clinical signs concerning the disease with which the child was treated, but also general objective data. Pay attention to physical, psycho-emotional development, contact child or not. When

describing objective data, attention should be paid to the presence or absence of facial deformity, the color of the skin, the condition of the regional lymph nodes (palpation of the submandibular, submandibular, cervical along the anterior and posterior edges of the sternocleidomastoid muscles), the movement of the temporomandibular joints, after which the red lip border is examined. The following describes the condition of the oral mucosa: lips, transitional folds, alveolar processes, marginal gum, gingival papillae (their shape, color, adherence to the necks of the teeth), the mucous membrane of the cheeks, the bottom of the oral cavity, hard and soft palate, palatine arches; the condition of the palatine tonsils and pharyngeal mucosa. Next, attention is drawn to the language (its mobility, the presence or absence of edema, the presence of plaque and its localization).

The description of the bridges of the lips, tongue (strong, weak, attachment of the bridges), the depth of the vestibule (shallow, medium, deep), the presence and severity of mucosal strands is given. The ratio of jaws in 3 directions is estimated: sagittal, vertical and transversal.

The diary is signed daily by the head of the production practice at the medical institution.

A report on production practice shows an analysis of their observations and performance indicators.

The report form gives a complete description of the student's independent work at the therapeutic dental reception of the children's population.

Student's performance indicators_____ (Full name, group No.) as an assistant dentist of pediatric dentist.

Certification sheet.

1. Total patients accepted –

2. Accepted primary patients in total –

From among the primary: children under 14 years old - , children 15-17 years old –

3. There are only fillings in permanent teeth –

3.1 light-curing composites - , 3.2 chemical-curing composites -

3.3 glass ionomer cements - , 3.4 compomers - ,

3.5 others (specify which) –

4. Put fillings in temporary teeth in total –

of them:

4.1 chemical curing composites -

4.2 glass ionomer cements - 4.3 compomers -

4.4 others (specify which ones) –

5. Teeth were cured for superficial, medium and deep caries with a filling:

In permanent teeth –

In temporary teeth –

6. Teeth were cured due to pulpitis in permanent teeth by:

6.1 Biological – 6.2 Vital amputation –

6.3 Deep vital amputation –

6.4 Vital Extirpation – 6.5 Devital Extirpation –

7. Teeth were cured due to pulpitis in temporary teeth by the method:

7.1 Formacresol (or other type of vital amputation) –

7.2.1 Devital amputation in 3 visits (for preschoolers) –

7.2.2 Devital amputation in 2 visits (for schoolchildren) –

7.3 Extirpation (vital or devital) –

8. Treatment of periodontitis has been completed:

8.1 In permanent teeth –

8.2 In temporary teeth –

9. Treatment of patients for periodontal diseases has been completed. –

Total visits for the treatment of periodontal diseases –

Periodontal bandages were applied in total –

10. The treatment of patients for diseases of the oral mucosa and lips has been completed –

Visits for the treatment of diseases of the oral mucosa total –

11. Sanitized patients in total -

12. Preventive work:

12.1 Professional oral hygiene was carried out, total patients –

12.2 Controlled oral hygiene was carried out, total patients –

12.3 Dental cleaning training was conducted, total patients –

12.4 Fissure sealing was carried out, total teeth –

Of these: chemical curing sealants -

light curing sealants -

12.5 Sessions of thermal therapy with gluftored were conducted, total patients -

Sessions of belagel Ca-P rheotherapy were conducted, total patients –

Fluorolac applications of permanent teeth were carried out, total patients –

13. Sanitary and educational work:

13.1 Conducted individual conversations with parents and children, in total –

13.2 Conducted lectures-conversations with a group of 3-5 or more people, in total –

13.3 Completed sanitary bulletins or wall newspapers, total –

Themes:

13.4 Made "books on dental education" in total –

14. Presentation with a report or message at a medical conference, only once –

Topics of reports:

15. Completed an abstract on the topic:

16. Completed total –

Head of practice at the medical center

institution, position signature Full name

Chief physician of the medical institution signature Full name

Stamp of hospital

6.6. Review of the practice base (characteristic)

The characteristic must be signed by the head of the production practice at the medical institution and the chief physician, certified by the seal of the medical institution. The characteristic indicates the activity, discipline of the student, evaluates theoretical knowledge and manual skills, the student's participation in sanitary and educational work. The characteristic completes the design of the diary of industrial practice in therapeutic dentistry for children.

The industrial practice exam is conducted at the Department of Pediatric Dentistry in the presence of the head of the industrial practice at the department, the head of the Department of Pediatric Dentistry and the assistants of the department.

The assessment for the production practice in therapeutic dentistry of children is entered in the record book. When making an assessment, the UIRS, the correctness of filling out the diary, manual skills, participation in dental education of the population are taken into account.

A diary on industrial practice, a certificate sheet of industrial practice in pediatric therapeutic dentistry signed by the direct head of the practice, the chief physician of the polyclinic and the teacher-head of the practice is drawn up. The assessment is determined by the teacher-head of the practice on the basis of a personal interview with the student, taking into account the manipulations performed and recorded in the attestation sheet and diary, the criteria for evaluating the student's work are determined by a point system.

7. Fund of evaluation funds for conducting current control and interim certification in practice

№	Forms of control	Name of the discipline section	Evaluation tools		
			Kinds	Number of questions in the task	Number of independent options
1	3	4	5	6	7
1.	credit	Organization of the work of the children's dental polyclinic, documentation, safety, rules of storage of medical supplies, emergency care at the children's dental reception	Tests, control questions, abstracts, situational tasks	3	Unlimited (during computer testing)
2.	credit	Conducting a clinical dental examination of a child, drawing up a plan of therapeutic and preventive measures, determining a dispensary group, professional oral hygiene		3	100
3.	credit	Diagnosis of caries, pulpitis, periodontitis in children. Mastering the methods of treatment of complicated caries of baby teeth in children. Determination of absolute and relative indications for the removal of a baby tooth		3	Unlimited (during computer testing)
4.	credit	Methods of treatment and prevention of periodontal diseases and oral mucosa		3	100
5.	exam	ALL SECTIONS OF THE PRACTICE		3	100

8. Educational, methodological and information support of the discipline (printed, electronic publications, Internet and other network resources).

8.1. List of basic literature*:

No. p / p	Name according to bibliographic requirements	Number of copies	
		At the	In library

		department	
1	Textbook / ed. by V.M. Elizarova - Moscow: Publishing house GEOTAR-Media, 2017 - 216 p: ill., tabl., colored ill.; (Diagnostic and treatment algorithms;)	one	twenty
2	Pediatric dentistry. Part 2. Surgery:Tutorial / ed. by O.Z. Topolnitsky - Moscow: publishing house GEOTAR-Media, 2016 - 210 p., plates, colored slides.	one	one
3	Pediatric dentistry : textbook / ed . Yanushevich O.O., Kiselnikova L.P., Topolnitsky O.Z. - M. : GEOTAR-Media, 2020.	1	10
4	Dentistry of children 's age : a textbook / ed . Mammadova Ad.A., Geppe N.A. - M. : GEOTAR-Media, 2020.	1	10
5	Manual for industrial (clinical) practice of the direction "Assistant to the pediatric dentist" S.N. Gromov,S.Yu. Kosyuga,O.A. Makarchuk,O.Sh. Ryabova,E.V. Kolotova Nizhny Novgorod, PIMU-2019.-100p.	1	10

**the list of basic literature should contain textbooks published over the past 10 years (for the disciplines of the humanitarian, social and economic cycle over the past 5 years), textbooks published over the past 5 years.*

8.2. List of additional literature*:

No. p / p	Name according to bibliographic requirements	Number of copies	
		At the department	In library
1	Pediatric therapeutic dentistry: national guidelines + electronic disk / ed. VC. Leontiev, L.P. Kiselnikova. - M.: GEOTAR-Media 2021. - 896 p.: - (national leadership)	one	one
2	O.Z. Topolnitsky. Pediatric surgical dentistry and maxillofacial surgery. Collection of illustrated clinical problems. Moscow: GEOTAR Media, 2016.	one	one
3	Increased dental abrasion : textbook / M. Y. Saakyan, I. P. Goryacheva, A. A. Plishkina ; FSBEI HE «PRMU» MOH Russia. - N. Novgorod : Publishing House of Privolzhskiy Research Medical University, 2021	one	one
4	Prevention and treatment of caries in temporary teeth (monograph) O.V.	one	10

	Kolesova, S.Yu. Kosyuga, L.N. Kazarina Nizhny Novgorod, NGMA.-2015.- 98s.		
5	Infectious diseases : cases for practical classes / O. L. Khriaeva, I. A. Otmakhova, E. A. Mikhailova, O. L. Sobolevskaya. - N. Novgorod : [B. I.], 2021	-	10

**additional literature contains additional material to the main sections of the program of the discipline.*

**Educational and methodological materials published by the staff of the
Department of Pediatric Dentistry and used by both teachers and students:**

No./p	Teaching aid, monograph	The authors)	Edition
1.	Manual for industrial (clinical) practice of the direction "Assistant to the pediatric dentist"	<i>S.N. Gromov, S.Yu. Kosyuga, O.A. Makarchuk, O.Sh. Ryabova, E.V. Kolotova</i>	Nizhny Novgorod, PIMU-2019.-100p.
2.	Textbook on practical training in pediatric dentistry therapy for foreign dental students /. –	S.Yu. Kosyuga	Nizhny Novgorod: Publishing House of Privolzhsky Research Medical University, 2022. – 92c.

8.3. Electronic educational resources for teaching academic subjects

8.3.1. Internal Electronic Library System of the University (IELSU)

<i>Name of the electronic resource</i>	<i>Brief description (content)</i>	<i>Access conditions</i>	<i>Number of users</i>
Internal Electronic Library System (VEBS) PIMU	Proceedings of PIMU staff (textbooks, manuals, collections of tasks, methodological manuals, laboratory work, monographs, etc.)	Access by individual login and password from any computer and mobile device	Not limited

8.3.2. Electronic educational resources acquired by the University

No.	<i>Name of the electronic resource</i>	<i>Brief description (content)</i>	<i>Access conditions</i>	<i>Number of users</i>
one.	Database "Medicine. Healthcare (VO) and "Medicine. Healthcare (SPO)" as part of the	Textbooks and teaching aids for higher medical and pharmaceutical education.	Access by individual login and password from any computer and mobile device	Not limited

	database "Electronic library of a technical university (ELS "Student Consultant"			
2.	Database "Doctor's Consultant. Electronic Medical Library»	National guidelines, clinical guidelines, textbooks, monographs, atlases, reference books, etc.	Access by individual login and password from any computer and mobile device	Not limited
3.	Database "Electronic Library System "Bukap"	Educational and scientific medical literature of Russian publishing houses, incl. translated editions. The collection of subscription publications is formed point by point.	Access by individual login and password from any computer and mobile device. From university computers - access is automatic.	Not limited
four	Electronic periodicals in the database "SCIENTIFIC ELECTRONIC LIBRARY eLIBRARY"	Electronic medical magazines	Access - from the computers of the university.	Not limited

8.3.3 Open access resources

<i>Name of the electronic resource</i>	<i>Brief description (content)</i>	<i>Access conditions</i>
Federal Electronic Medical Library (FEMB)	Includes electronic analogues of printed publications and original electronic publications that have no analogues recorded on other media (dissertations, abstracts, books, magazines, etc.). [Electronic resource] - Access mode: http://neb.rf/	from any computer on the Internet
Scientific electronic library eLIBRARY.RU	The largest Russian information portal in the field of science, technology, medicine and education, containing abstracts and full texts of scientific articles and publications. [Electronic resource] - Access mode: https://elibrary.ru/	from any computer on the Internet.
Scientific electronic library of open access CyberLeninka	Full texts of scientific articles with annotations published in scientific journals in Russia and neighboring countries. [Electronic resource] - Access mode: https://cyberleninka.ru/	from any computer on the Internet
Russian State Library (RSL)	Abstracts for which there are copyright agreements with permission for their open publication [Electronic resource] - Access mode: http://www.rsl.ru/	from any computer on the Internet
Reference and legal system "Consultant Plus"	Federal and regional legislation, judicial practice, financial advice, legislative comments, etc. [Electronic resource] - Access mode: http://www.consultant.ru/	from any computer on the Internet

9. Material and technical support for mastering an academic discipline.

Lectures with the use of DOT and EOS:

1. Electronic presentation set
2. Lecture hall, screen, projector, laptop

Tables and albums.

one.Tables, posters

- 1.1 Elements of lesions of the oral mucosa
- 1.2 Clinical manifestations of acute herpetic stomatitis in children
- 1.3 Classification of diseases of the oral mucosa
- 1.4 Clinical manifestations of diphtheria in the oral cavity.
- 1.5. Clinical manifestations of drug-induced stomatitis.

Presentations, transparencies, albums, videos:

1.Presentation

- 1.1. Acute herpetic stomatitis in children. Clinic, diagnosis, treatment.
 - 1.2. Recurrent aphthous stomatitis. Clinic, diagnosis, treatment.
 - 1.3. Candidiasis. Etiology, pathogenesis, clinic, diagnostics, differential diagnosis, treatment.
 - 1.4. Multiform exudative erythema. Clinic, diagnosis, treatment.
 - 1.5. Infectious diseases and their manifestations on the oral mucosa. (chickenpox, measles, scarlet fever, infectious mononucleosis, diphtheria), diagnosis, treatment.
 - 1.6. Anesthesia in the practice of pediatric dentistry.
 - 1.7. Methods of examining a patient in a pediatric dentistry clinic.
 - 1.8. Cheilitis. Clinic, diagnosis, treatment.
 - 1.9.Glossites. Clinic, diagnosis, treatment.
 - 1.10. Traumatic injuries of the oral mucosa in children. Clinic, diagnosis, treatment.
2. Color and black and white slides
 - 2.1. Manifestation of HIV infection.
 - 2.2. Candidiasis. Oral manifestations in children.
 - 2.3. Herpes simplex virus. Manifestations of acute and chronic herpetic infection in the oral cavity in children.
 - 2.4. Manifestations of infectious diseases in the oral cavity in children.
 - 2.5. Injuries of the oral mucosa in children.

9.1. List of premises* required for conducting classroom studies in the discipline.

Workshops:

1. Dental rooms equipped with the necessary equipment and equipment.
2. X-ray room.
3. Sterilization.

Dental instruments, devices:

1. Dental instruments (tweezers, probes, mirrors, excavators, trowels, pluggers, matrix holders, matrices, tips, burs, polishers, carborundum stones, rubber bands and brushes in assortment, endodontic instruments in assortment, surgical forceps for removing temporary and permanent teeth, elevators, curettage spoons, spatulas, etc.).
2. Dental filling materials for filling root canals and carious cavities.
3. Dry oven, autoclave.
4. Germicidal lamp.
5. Bixes for sterilization.

6. Negatoscope.
7. Odontosensimeter, Digitest.
8. Apparatus Diathermocoagulator.
9. Apparatus Apexlocator.
10. Apparatus Sikod
11. Amalgamator.
12. Tonometer.
13. Phonendoscope.
14. Assistant's chair.
15. Dentist's chair.
16. Dentist's table.
17. Dental unit (DabiAtlant, AA389A, Azimuth 100).
18. MiniPieson.
19. Assist.
20. Televisions and VCRs.
21. Laptop and multimedia projector.

Training stands:

1. Information (announcements).
2. Plans of lectures and practical classes, lists of recommended basic and additional literature for study.
3. Oral hygiene, hygiene products and items.
4. Prevention of dental caries
5. Prevention of periodontal diseases.
6. Prevention of diseases of the oral mucosa in children.
7. Prevention of inflammatory diseases of the maxillofacial region
8. Rules for disinfection and sterilization of dental instruments.
9. A set of orthopantomograms and intraoral radiographs.
10. Treatment, prevention of periodontal and oral mucosa diseases.
11. Recommended literature on pediatric dentistry.

Training dummies:

1. Teeth with carious cavities of 1-6 Black classes.
2. Phantom head.
3. Phantom of oral hygiene.
4. Human teeth are artificial and natural.
5. Phantom for endodontic manipulations.
6. Workplace for each student (dental unit, dental chair, dentist's chair, dentist's table, doctor's desk).
7. Phantom jaws and toothbrushes for rational oral hygiene.
8. Children's skull
9. Teenage skull
10. Embryogenesis of facial tissues
11. Models of jaws.
12. Chicken thighs for learning and performing suturing techniques
13. Pig heads for demonstration of operations on the periodontium, oral mucosa, study and implementation of tooth extraction techniques and outpatient surgery techniques.

A set of licensed and freely distributed software, including domestic production

Ite	Software	number of	Type of software	of Manufactur er	Number in the	Contract No. and date

m no.		licenses			unified register of Russian software	
1	Wtware	100	Thin Client Operating System	Kovalev Andrey Alexandrovich	1960	2471/05-18 from 28.05.2018
2	MyOffice is Standard. A corporate user license for educational organizations, with no expiration date, with the right to receive updates for 1 year.	220	Office Application	LLC "NEW CLOUD TECHNOLOGIES"	283	without limitation, with the right to receive updates for 1 year.
3	LibreOffice		Office Application	The Document Foundation	Freely distributed software	
4	Windows 10 Education	700	Operating systems	Microsoft	Azure Dev Tools for Teaching Subscription	
5	Yandex. Browser		Browser	«Yandex»	3722	
6	Subscription to MS Office Pro for 170 PCs for FSBEI HE "PRMU" of the Ministry of	170	Office Application	Microsoft		23618/HN10 030 LLC "Softline Trade" from 04.12.2020

Health Russia	of					
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10. List of changes to the working program (to be filled out by the template)

Federal State Budgetary Educational Institution of Higher Education
 "Privolzhsky Research Medical University"
 Ministry of Health of the Russian Federation
 (FSBEI HE "PRMU" of the Ministry of Health of Russia)

Department of
Assistant of Pediatric Dentist

CHANGE REGISTRATION SHEET

working program for the academic discipline
Practical training in Pediatric Dentistry

Field of study / specialty / scientific specialty: _____

(code,

name)

Training profile: _____

(name) - for master's degree programs

Mode of study: _____

full-time/mixed attendance mode/extramural

Position	Number and name of the program section	Contents of the changes made	Effective date of the changes	Contributor's signature
1				

