

Документ подписан простой электронной подписью
Информация о владельце:
ФИО: Ястребов Олег Александрович
Должность: Ректор
Дата подписания: 28.05.2026 12:33:12
Уникальный программный ключ:
ca953a0120d891083f939673078ef1a989dae18a

**Federal State Autonomous Educational Institution of Higher Education
PEOPLES' FRIENDSHIP UNIVERSITY OF RUSSIA
NAMED AFTER PATRICE LUMUMBA
RUDN University
Institute of Medicine**

educational division (faculty/institute/academy) as higher education programme developer

COURSE SYLLABUS

Pediatric dentistry

course title

Recommended by the Didactic Council for the Education Field of:

31.05.03 Dentistry

field of studies / speciality code and title

**The course instruction is implemented within the professional education
programme of higher education:**

Dentistry

higher education programme profile/specialisation title

2026

1. COURSE GOAL(s)

The course "Pediatric Dentistry" is part of the specialist program "Dentistry" in the field 31.05.03 "Dentistry" and is studied in the 7th and 8th semesters of the 4th year. The discipline is implemented by the Department of Pediatric Dentistry and Orthodontics. The discipline consists of 7 sections and 24 topics and is aimed at studying the anatomical and physiological characteristics of the child's body, their influence on the clinical course of major dental diseases in children and adolescents; features of diagnosis and treatment of these diseases and their outcomes depending on the child's age; possibilities of rehabilitation after experienced diseases (medical and social) and ways of its implementation; methods of preventing major dental diseases in children, congenital and hereditary diseases; individual medical procedures in pediatric dentistry; skills of communication with patients of different ages and various psychological conditions.

The purpose of mastering the course is the training of a dentist who possesses the necessary skills and knowledge in the field of pediatric dentistry.

2. REQUIREMENTS FOR LEARNING OUTCOMES

Mastering the course (module) "Pediatric Dentistry" is aimed at the development of the following competences /competences in part: GC-1.1; GPC-1; GPC-2; GPC-4; GPC-5; GPC-6; GPC-9; PC-1; PC-2; PC-5

Table 2.1. List of competences that students acquire through the course study

Competence code	Competence descriptor	Competence formation indicators (within this course)
GC-1.	Able to carry out a critical analysis of problem situations based on a systematic approach, develop an action strategy.	GC-1.1. Analyze the problem situation as a system, identifying its components and the links between them.
GPC-1.	Able to implement moral and legal norms, ethical and deontological principles in professional activities	GPC-1.1. Complies with the basics of medical ethics and deontology; fundamentals of legislation in the field of healthcare; legal aspects of medical activity.
		GPC-1.3. He has practical experience in solving standard tasks of professional activity based on ethical norms and deontological principles when interacting with colleagues and patients (their legal representatives), knowledge of the legal aspects of medical practice.
GPC-2.	Able to analyze	GPC-2.1. Analyzes the causes of professional errors, adverse outcomes of treatment and conflict situations.

	the results of their own activities to prevent professional errors	<p>GPC-2.2. Scientifically substantiates and implements recommendations aimed at improving the medical and legal training of dentists, at preventing professional errors, adverse outcomes and conflict situations.</p> <p>GPC-2.3. Evaluates the effectiveness of preventive measures aimed at preventing professional errors, adverse outcomes and conflict situations in dentistry</p>
GPC-4.	Able to conduct and monitor the effectiveness of preventive measures, the formation of a healthy lifestyle and sanitary and hygienic education of the population	<p>GPC-4.1. Analyzes the awareness of the population about a healthy lifestyle and medical literacy.</p> <p>GPC-4.3. Prepares an oral presentation or printed text that promotes a healthy lifestyle and increases the literacy of the population in the prevention of dental diseases.</p>
GPC-5.	Able to conduct a patient examination in order to establish a diagnosis in solving professional problems	<p>GPC-5.1. Collects an anamnesis, analyzing the patient's complaints, conducting a physical examination at a dental appointment.</p> <p>GPC-5.2. Formulates a preliminary diagnosis and draws up a plan for laboratory and instrumental examinations of a dental patient.</p> <p>GPC-5.3. Prepares medical documentation of the dental patient in accordance with regulatory requirements.</p> <p>GPC-5.4. Refers the patient for a laboratory examination if there are medical indications in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of dental care.</p> <p>GPC-5.5. Refers the patient for an instrumental examination if there are medical indications in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of dental care, taking into account the standards.</p> <p>GPC-5.6. Refers the patient for a consultation with specialist doctors if there are medical indications in</p>

		<p>accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of dental care, taking into account standards.</p> <p>GPC-5.8. Conducts differential diagnosis with other diseases/conditions, including urgent ones.</p> <p>GPC-5.9. Establishes a diagnosis, taking into account the current international statistical classification of diseases and health-related problems.</p>
GPC-6.	Able to prescribe, monitor the effectiveness and safety of non-drug and drug treatment in solving professional problems	<p>GPC-6.1. Develops a plan for the treatment of a dental disease, taking into account the diagnosis, age and clinical picture in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care.</p> <p>GPC-6.2. P selects medical devices (including dental materials) for the preparation of a comprehensive plan for the treatment of dental diseases. Monitor the progress of the patient's treatment.</p> <p>GPC-6.3. Evaluates possible side effects from taking medications.</p> <p>GPC-6.4. Provides medical care to a dental patient in urgent or emergency forms.</p> <p>GPC-6.5. Organizes the prevention and treatment of complications, side effects, adverse reactions, including unforeseen ones, resulting from diagnostic or therapeutic procedures, the use of drugs and (or) medical devices, non-drug treatment at a dental appointment.</p> <p>GPC-6.9. Evaluates the effectiveness and safety of the use of medicines, medical devices and other methods of treatment at a dental appointment</p>
GPC-9.	Able to assess morpho-functional, physiological conditions and pathological processes in the human body to solve professional problems	<p>GPC-9.1. Owns the algorithm of clinical laboratory and functional diagnostics in solving professional problems.</p> <p>GPC-9.2. Evaluates the results of clinical, laboratory and functional diagnostics in solving professional problems.</p> <p>GPC-9.3. Determines the morphofunctional, physiological states and pathological processes of the human body.</p>

PC-1.	Able to conduct examination of the patient in order to establish a diagnosis.	PC-1.1. Conducts initial and/or re-examination of the patient in order to establish a preliminary diagnosis.
		PC-1.2. Receives information from patients (their relatives/legal representatives), conducts a survey of patients on the subject of general health, identifying concomitant diseases in order to establish a preliminary diagnosis.
		PC-1.3. Detects dentoalveolar, facial anomalies, deformities and prerequisites for their development, defects in the crowns of teeth and dentition in patients based on examination of the patient, laboratory, instrumental, as well as additional examinations in order to establish a preliminary / final diagnosis.
		PC-1.5. Establishes a preliminary / final diagnosis based on the examination of the patient, laboratory and instrumental studies.
		PC-1.6. Establishes the final diagnosis on the basis of additional examinations of patients.
PC-2.	Capable of prescribing, monitoring the efficacy and safety of non-drug and drug treatments	PC-2.1. Organizes the provision of medical care in emergency and urgent forms for acute dental diseases, conditions, exacerbation of chronic diseases that pose a threat to the patient's life or without obvious signs of a threat to the patient's life.
		PC-2.2. Conducts the selection of drugs and medical devices (including dental materials) for the treatment of dental diseases, assessing possible side effects from taking drugs.
		PC-2.3. Provides consultation to the patient on the methods of treatment of dental diseases, drawing up a comprehensive treatment plan with the rationale for the most appropriate tactics and assessing possible complications caused by the use of this technique.
		PC-2.4. Selects the type of local anesthesia / anesthesia and evaluates possible complications caused by their use.
		PC-2.5. Conducts a specialized reception of adults and / or children, monitoring the course of treatment of caries, non-carious diseases of the teeth, pulpitis, periodontitis, periodontitis, bone tissue of the jaws, peripheral nervous system of the maxillofacial region, temporomandibular joint, salivary glands, diseases of the mucous membrane of the cavity of the mouth, with the exception of

		precancers, using modern methods of treatment approved for use in medical practice.
		PC-2.8. Carries out observation and treatment of diseases of the mucous membrane of the oral cavity, lips, with the exception of a specialized appointment for the treatment of precancers of the mucous membrane of the oral cavity and lips and the treatment of children with manifestations of viral, bacterial, allergic and other childhood infections in the oral cavity.
		PC-2.9. Conducts a phased sanitation of the oral cavity (excluding sanitation of children under anesthesia).
PC-5.	Able to conduct sanitary and hygienic education among the population and medical workers in order to form a healthy lifestyle	PC-5.1. Forms in patients (their relatives/legal representatives) the motivation to lead a healthy lifestyle and give up bad habits.

3. COURSE IN HIGHER EDUCATION PROGRAMME STRUCTURE

The course refers to the core/variable/elective* component of (B1) block of the higher educational programme curriculum.

* - Underline whatever applicable.

Within the higher education programme students also master other (modules) and / or internships that contribute to the achievement of the expected learning outcomes as results of the course study.

Table 3.1. The list of the higher education programme components/disciplines that contribute to the achievement of the expected learning outcomes as the course study results

Competence code	Competence descriptor	Previous courses/modules*	Subsequent courses/modules*
UC-1	UC-1. Being able to implement critical analysis of problem situations based on systems approach, develop an action strategy.	<ul style="list-style-type: none"> • Medical elementology**; • Philosophy; • History of Medicine; • Pathophysiology - • Pathophysiology of the head and neck; 	<ul style="list-style-type: none"> • Medical rehabilitation; • Pediatric maxillofacial surgery; • Medical genetics in dentistry;

		<ul style="list-style-type: none"> • Bioelements in medicine**; • Psychology, pedagogy; • Immunology, clinical immunology; • Chemistry of biogenic elements**; • Complete denture prosthetics; • Dental modeling**; • Human Anatomy - Anatomy head and neck; • Dental prosthetics (simple prosthetics); • Mathematics; • Physics; 	<ul style="list-style-type: none"> • Orthodontics and Pediatric prosthetics; • Gnathology and functional diagnosis of temporomandibular joint; • Dental prosthetics (complex prosthetics); • Maxillofacial prosthetics;
GPC -1	GPC-1. Being able to implement moral standards and legal regulations, ethical and deontological principals in professional activity	<ul style="list-style-type: none"> • Jurisprudence; • History of Medicine; • Organization of general patient care; • Introduction to the specialty; • Introductory practice; • Practice in obtaining primary professional skills in nursing positions (Assistant ward and procedural medicine); 	<ul style="list-style-type: none"> • Orthodontics and Pediatric prosthetics; • medical rehabilitation
GPC -2.	GPC-2. Being able to analyse the results of their own professional activity to prevent professional errors	<ul style="list-style-type: none"> • Endodontics; • Oral surgery; • Cariesology and diseases of hard dental tissues; • Local anesthesia and anesthesiology in dentistry; 	<ul style="list-style-type: none"> • Maxillofacial and gnathic surgery; • Head and neck diseases; • Gerontostomatology and diseases of mucous membrane of the oral cavity; • Implantology and reconstructive surgery of the oral cavity; • Orthodontics and pediatric prosthetics;
GPC -4	GPC-4. Being able to monitor the effectiveness of	<ul style="list-style-type: none"> • Prevention and Community Dentistry 	<ul style="list-style-type: none"> • Orthodontics and pediatric prosthetics

	preventive measures, healthy lifestyle formation and sanitary and hygienic education of the population	• Hygiene	• medical rehabilitation
GPC-5	GPC-5. Being able to examine patients to determine a diagnosis when solving professional tasks	<ul style="list-style-type: none"> • Endodontics; • Oral surgery; • General surgery; • Surgical diseases; • Internal illnesses; • Pathological anatomy - Pathological anatomy of the head and neck; • Cariesology and diseases of hard dental tissues; • Local anesthesia and anesthesiology in dentistry; • Prosthetics for complete absence of teeth; • Propaedeutics of dental diseases; • Dental prosthetics (simple prosthetics); 	<ul style="list-style-type: none"> • Maxillofacial and gnathic surgery; • Head and neck diseases; • Pediatrics; • Gerontostomatology and diseases of the oral mucosa; • Implantology and reconstructive surgery • oral cavity; • Pediatric maxillofacial surgery; • Medical genetics in dentistry; • Orthodontics and pediatric prosthetics; • Gnathology and functional diagnostics of the temporal mandibular joint; • Dental prosthetics (complex prosthetics); • Maxillofacial prosthetics;
GPC-6	GPC-6. Being able to prescribe non-drug and drug treatment, monitor its efficacy and safety when solving professional tasks	<ul style="list-style-type: none"> • Materials Science; • Endodontics; • Oral surgery; • General surgery; • Pharmacology; • Surgical diseases; • Internal illnesses; • Immunology, clinical immunology; 	<ul style="list-style-type: none"> • Maxillofacial and gnathic surgery; • Head and neck diseases; • Clinical pharmacology; • Pediatrics; • Medical rehabilitation;

		<ul style="list-style-type: none"> • Cariesology and diseases of hard dental tissues; • Prosthetics for complete absence of teeth; • Fundamentals of military training. • Life safety; • Dental prosthetics (simple prosthetics); 	<ul style="list-style-type: none"> • Gerontostomatology and diseases of the oral mucosa; • Implantology and reconstructive surgery of the oral cavity; • Clinical dentistry; • Pediatric maxillofacial surgery; • Medical genetics in dentistry; • Orthodontics and pediatric prosthetics; • Gnathology and functional diagnostics of the temporal mandibular joint; • Dental prosthetics (complex prosthetics); • Maxillofacial prosthetics;
GPC-9	GPC-9. Being able to assess morpho-functional, physiological conditions and pathological processes in the human body to solve professional tasks	<ul style="list-style-type: none"> • Oral surgery; • Biological chemistry - Biochemistry of the oral cavity; • Microbiology, virology - Microbiology of the oral cavity; • Pathophysiology - Pathophysiology of the head and neck; • Pathological anatomy - Pathological anatomy of the head and neck; • Radiation diagnostics; • Local anesthesia and anesthesiology in dentistry; 	<ul style="list-style-type: none"> • Maxillofacial and gnathic surgery; • Head and neck diseases; • Medical rehabilitation; • Forensic Medicine; • Implantology and reconstructive surgery of the oral cavity; • Orthodontics and pediatric prosthetics;

		<ul style="list-style-type: none"> • Human Anatomy - Head and Neck Anatomy; • Histology, embryology, cytology - Histology of the oral cavity; • Normal physiology, physiology of the maxillofacial area; • Topographic anatomy and operative surgery of the head and neck; 	
PC-1	PC-1. Being able to make an examination of a patient in order to determine a diagnosis.	<ul style="list-style-type: none"> • Endodontics; • Oral surgery; • Pathophysiology - Pathophysiology of the head and neck; • Pathological anatomy - Pathological anatomy of the head and neck; • Immunology, clinical immunology; • Chemistry of biogenic elements**; • Radiation diagnostics; • Cariesology and diseases of hard dental tissues; • Local anesthesia and anesthesiology in dentistry; • Prosthetics for complete absence of teeth; • Propaedeutics of dental diseases; • Dental modeling of teeth**; • Three-dimensional computer modeling of teeth**; • Three-dimensional x-ray diagnostic methods in dentistry**; • Fundamentals of military training. • Life safety; • Dental prosthetics (simple prosthetics); • Dental assistant (hygienist); 	<ul style="list-style-type: none"> • Maxillofacial and gnathic surgery; • Head and neck diseases; • Medical rehabilitation; • Gerontostomatology and diseases of the oral mucosa; • Implantology and reconstructive surgery of the oral cavity; • Oncostomatology and radiation therapy; • Pediatric maxillofacial surgery; • Medical genetics in dentistry; • Orthodontics and children's prosthetics; • Modern endodontics**; • Gnathology and functional diagnostics of the temporal mandibular joint; • Dental prosthetics

			(complex prosthetics); <ul style="list-style-type: none"> • Maxillofacial prosthetics; • Aesthetic restoration of teeth**; • Assistant dentist (pediatric); • Dental assistant (general practice), incl. research work;
PC-2	PC-2. Being able to prescribe, monitor the efficacy and safety of non-drug and drug treatment	<ul style="list-style-type: none"> • Endodontics; • Innovative technologies in dentistry; • Medical elementology**; • Oral surgery; • Bioelements in medicine**; • Cariesology and diseases of hard dental tissues; • Local anesthesia and anesthesiology in dentistry; • Prosthetics for complete absence of teeth; • Propaedeutics of dental diseases; • Organization of general patient care; • Dental prosthetics (simple prosthetics); 	<ul style="list-style-type: none"> • Physiotherapy of dental diseases; • Maxillofacial and gnathic surgery; • Head and neck diseases; • Clinical pharmacology; • Gerontostomatology and diseases of the oral mucosa; • Implantology and reconstructive surgery of the oral cavity; • Clinical dentistry; • Pediatric maxillofacial surgery; • Medical genetics in dentistry; • Orthodontics and pediatric prosthetics; • Modern endodontics**; • Gnathology and functional diagnosis of the temporal mandibular joint;

			<ul style="list-style-type: none"> • Dental prosthetics (complex prosthetics); • Maxillofacial prosthetics; • Aesthetic restoration of teeth**; • Dentist assistant (pediatric); • Assistant dentist (general practice), incl. scientific research work;
PC-5	PC-5. Being able to conduct health and hygiene education among the population and medical workers in order to form a healthy lifestyle	<ul style="list-style-type: none"> • Oral surgery; • Prevention and community dentistry; • Hygiene; • Psychology, pedagogy; • Local anesthesia and anesthesiology in dentistry; 	<ul style="list-style-type: none"> • Maxillofacial and gnathic surgery; • Head and neck diseases; • Implantology and reconstructive surgery of the oral cavity; • Orthodontics and pediatric prosthetics; • Dental assistant (general practice), incl. research work;

* To be filled in according to the competence matrix of the higher education programme.

** - elective subjects/practices

4. COURSE WORKLOAD AND ACADEMIC ACTIVITIES

The total workload of the course is 4 credits (144 academic hours).

*Table 4.1. Types of academic activities during the periods of higher education programme mastering (full-time training)**

Type of academic activities	Total academic hours	Semesters/training modules	
		7	8
Classroom learning, ac.h.	85	51	34
including:			
Lectures (LC)	-	-	-
Lab work (LW)	85	51	34
Seminars (workshops/tutorials) (S)	-	-	-

Type of academic activities		Total academic hours	Semesters/training modules	
			7	8
<i>Self-studies</i>		35	18	17
<i>Evaluation and assessment (exam/passing/failing grade)</i>		24	3	21
Course workload	academic hours	144	72	72
	credits	4	2	2

* To be filled in regarding the higher education programme correspondence training mode.

5. COURSE CONTENT

Table 5.1. Content of the discipline (module) by types of educational work

Section number Name of the course section	Topic name Table of contents	Type of academic work *
Section 1 Tooth decay in children.	1.1 Anatomical and physiological features of tooth structure in children. Methods of examining a child in the pediatric therapeutic dentistry clinic. Anatomical structure of the dentoalveolar system in childhood. Clinical examination, additional research methods.	LW
	1.2 Etiology and pathogenesis of dental caries in children. Classification of caries. Clinical features of the course of dental caries in children of different age groups. Diagnostic methods. Caries of the enamel of primary and permanent teeth in children. Physiological features of the dentoalveolar system in children. Assessment of the condition of the hard tissues of the teeth.	LW
	1.3 Caries of the dentin of primary and permanent teeth. Diagnosis. Caries of the cement of primary and permanent teeth. Treatment. Manifestations of caries in children in various structures of primary teeth.	LW
	1.4 Arrested dental caries. Complications in the treatment of dental caries in children. Prevention of caries.. Complications of the carious process in the hard tissues of the tooth.	LW
Section 2 Non-carious lesions of tooth tissues.	2.1 Pathology of the hard tissues of the tooth during their follicular development. Systemic enamel hypoplasia. Local hypoplasia. Tetracycline teeth. Other types of SEH. Endemic dental fluorosis. Diagnosis. Enamel hyperplasia. Principles of treatment. Structural changes in the hard tissues of the teeth, types of their lesions.	LW
	2.2 Hereditary disorders of tooth tissue development. Hereditary imperfect amelogenesis. Imperfect dentin and odontogenesis. Intrauterine development of the dentoalveolar system, hard tissues of the teeth.	LW
Section 3 Pulpitis in children.	3.1 Anatomical and physiological features of the pulp structure of primary and permanent teeth in children of different ages. Etiology and pathogenesis of pulpitis. Classification of pulpitis. Anatomical and physiological features of the structure of the pulp of primary and permanent teeth in children of different ages.	LW
	3.2 Pulpitis clinic in children. Methods of assessing the condition of the pulp in children. Diagnosis of pulpitis in children. Methods of treating pulpitis in	LW

Section number Name of the course section	Topic name Table of contents	Type of acad emic work *
	primary and permanent teeth in children. Pulpitis and its manifestations, assessment of the condition. Pulpitis and its manifestations, assessment of condition.	
	3.3 Conservative method of treating pulpitis in primary and permanent teeth in children. Devital method of treating pulpitis in primary and permanent teeth in children. Various approaches in the assessment and treatment methods of primary and permanent teeth.	LW
	3.4 Treatment of pulpitis in children under anesthesia. Errors and complications in the diagnosis and treatment of pulpitis in children. Treatment of pulpitis in children under anesthesia	LW
Section 4 Periodontitis in children.	4.1 Anatomical and physiological characteristics of the periodontium structure of primary and permanent teeth in children at different stages of tooth development. Etiology and pathogenesis of periodontitis. Classification of periodontitis. Etiology and pathogenesis of periodontitis of primary and permanent teeth in children at different stages of growth.	LW
	4.2 Clinical presentation of periodontitis in children. Diagnosis and differential diagnosis of periodontitis. Clinical picture of periodontitis in children.	LW
	4.3 Treatment of periodontitis of primary teeth in children. Treatment of periodontitis of permanent teeth in childhood. Treatment of periodontitis in primary teeth in children.	LW
	4.4 Long-term results of periodontitis treatment in children. Emergency dental care for children. Emergency dental care for children.	LW
Section 5 Traumatic injuries of teeth in children.	5.1 Traumatic injuries of teeth in children. Tooth injuries.	LW
Section 6 Diseases of the oral mucosa in children.	6.1 Anatomical and physiological features of the oral mucosa structure in children. Classification of oral mucosal diseases. Traumatic injuries of the oral mucosa. Anatomical and physiological features of the structure of the oral mucosa in children.	LW
	6.2 Acute herpetic stomatitis in children. Recurrent herpetic stomatitis. Herpangina. Etiology, pathogenesis, clinical presentation, diagnosis, differential diagnosis, treatment. Streptostaphylococcal lesions of the skin of the lips and perioral area. Acute herpetic stomatitis in children. Etiology, pathogenesis, clinical presentation, diagnosis, differential diagnosis, treatment.	LW
	6.3 Manifestation of acute infectious diseases on the oral mucosa in children. Etiology, pathogenesis, clinical presentation, diagnosis, differential diagnosis, treatment. Acute infectious diseases of the oral mucosa in children.	LW
	6.4 The condition of the oral mucosa in children with diseases of internal organs and systems. The condition of the mucous membrane in diseases of internal organs and systems.	LW
	6.5	LW

Section number Name of the course section	Topic name Table of contents	Type of acad emic work *
	Manifestations of drug and bacterial allergies in the oral cavity in children. Allergies in the oral cavity in children.	
	6.6 Candidiasis in children. Etiology, pathogenesis, clinical features, diagnosis, differential diagnosis, treatment. Lesions of the oral mucosa in children caused by tuberculosis and syphilitic infection. Etiology, pathogenesis, clinical features, diagnosis, differential diagnosis, treatment. Manifestations of HIV infection in the oral cavity in children. Etiology, pathogenesis, clinical presentation, diagnosis, differential diagnosis, treatment of candidiasis in children.	LW
	6.7 Cheilitis, glossitis in children. Etiology, pathogenesis, clinical presentation, diagnosis, differential diagnosis, treatment of glossitis in children.	LW
Section 7 Periodontal diseases in children.	7.1 Anatomical and physiological features of the structure of the periodontium in children. Periodontal diseases in childhood. Classification of periodontal diseases. Anatomical and physiological features of the structure of the periodontium in children.	LW
	7.2 Inflammatory periodontal diseases in children. Etiology, pathogenesis, clinical presentation, diagnosis, differential diagnosis, treatment. Langerhans cell histiocytoses. Idiopathic diseases with progressive lysis of periodontal tissues. Etiology, pathogenesis, clinical presentation, diagnosis, differential diagnosis, principles of treatment. Etiology, pathogenesis, clinical presentation, diagnosis, differential diagnosis, treatment of Langerhans cell histiocytosis	LW

* - to be filled in only for **full**-time training: *LC* - lectures; *LW* - lab work; *S* - seminars.

6. MATERIAL AND TECHNICAL SUPPORT OF THE DISCIPLINE

Table 6.1. Material and technical support of the discipline

Audience type	Classroom equipment	Specialized educational/laboratory equipment, software, and materials for mastering the discipline (if necessary)
Lab-work	A classroom for conducting laboratory work, individual consultations, ongoing assessment, and interim certification, equipped with a set of specialized furniture and equipment.	A room with appropriate equipment (simulation phantoms), instruments, medical supplies, preventive measures. A set for training in pediatric anesthesia.
Self-studies	A classroom for independent work of students (can be used for seminars and consultations), equipped with a set of	

	specialized furniture and computers with access to the EIOS.	
--	--	--

* - The classroom for independent student work MUST be specified!

7. RESOURCES RECOMMENDED FOR COURSE STUDY

Main readings:

1. Pediatric Dentistry: Textbook / edited by O.O. Yanushevich, L.P. Kiselnikova, Sh.Ch. Topolnitsky. - M.: GEOTAR-Media, 2020. - 744 p.: ill. - ISBN 978-5-9704-5318-6.
2. Pediatric Therapeutic Dentistry. National Guide / edited by V.K. Leontiev, L.P. Kiselnikova. – 2nd edition, revised and supplemented. – Moscow, GEOTAR-Media, 2017. - 952 p.: ill. - ISBN 978-5-9704-4019-3.
3. Pediatric Dentistry: Assignments in Test Form: Educational and Methodological Guide / O. M. Davidyan, N. S. Tuturov, I. Katbekh. – Moscow: Peoples' Friendship University of Russia (RUDN), 2023. – 85 p. – ISBN 978-5-209-11591-5. – EDN APWXAR.
4. Situational Tasks in Pediatric Dentistry: Workbook: Educational and Methodological Guide / O. M. Davidyan, N. S. Tuturov, I. Katbekh. – Moscow: Russian University of Peoples' Friendship (RUDN), 2023. – 103 p.. – ISBN 978-5-209-11592-2. – EDN ASKMTI.

Additional literature:

1. Tooth caries in childhood. Modern methods of diagnosis and treatment: a textbook / A.E. Anurova, T.F. Kosyreva, V.V. Safroshkina, O.M. Davidyan. – Moscow: RUDN, 2017. – 95 p.: ill.
2. Medications in Pediatric Dentistry: Textbook /. - Minsk: Vyshayshaya Shkola, 2017. - 320 p. - Bibliography: p. 305- ISBN 978-985-06-2717-9 ; The same [Electronic resource].- URL: <http://biblioclub.ru/index.php?page=book&id=480060> (08.04.2019).
3. Periodontal Diseases in Children: Educational and Methodological Guide / M. V. Samoylova, N. S. Tuturov, T. F. Kosyreva, I. Katbekh. – Moscow: Russian University of Peoples' Friendship (RUDN), 2023. – 49 pages. – ISBN 978-5-209-11952-4. – EDN AKGTWZ.
4. Acute Herpetic Stomatitis in Children: Educational and Methodological Manual / M. V. Samoylova, N. S. Tuturov, T. F. Kosyreva, I. Katbekh. – Moscow: Patrice Lumumba Russian University of Peoples' Friendship, 2023. – 30 c. – ISBN 978-5-209-11953-1. – EDN UCCTVV.
5. The Use of Nitrous Oxide Sedation in Pediatric Dentistry / A. E. Karlash, V. A. Zhurenko // Regional Bulletin. – 2021. – No. 2(58).– C. 3-4. – EDN GYDKGG.
6. Registration of the medical record of a dental patient in a pediatric dental clinic / G. I. Skripkina, A. Zh. Garifullina, Yu. G. Romanova [and others]. – Omsk: Limited Liability Company "Publishing Center KAN".2022. – 61 c. – EDN ZJMGIA.
7. Types of Anesthesia and Emergency Conditions in Pediatric Dentistry: A Textbook Contains Test Assignments for Self-Assessment / V. A. Klemin, R. A. Saleev, A. N. Kolesnikov [et al.]. – Moscow: Limited Liability Company Publishing Group "GEOTAR-Media", 2023. – 144 p.– ISBN 978-5-9704-7593-5. – DOI 10.33029/9704-7593-5-CDM-2023-1-144. – EDN CJPFTTR.
8. Kosyuga, S. Yu. 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. – 92 p. – ISBN 978-5-7032-1453-4. – EDN GUNUJX.
9. Evaluation of the Efficacy of Buccal Midazolam in Comparison With Intranasal Midazolam Sedation in Uncooperative Children During Dental Treatment D Arnaout, M

Altinawi, I Katbeh, N Tuturov, A Saleh International Journal of Dentistry 2025 (1), 4269519, 6 pages. <https://doi.org/10.1155/ijod/4269519>

10. Efficacy evaluation of pepsin enzyme-based gel in chemo-mechanical caries removal on primary anterior teeth: a randomized controlled clinical study. Brazilian Dental Science. Alhuda DA, Rajab A, Shaadouh R, Katbeh I, Tuturov N, Arrag EA. 2022 Dec 19;25(4): e3538. DOI: 10.4322/bds.2022.e3538

Resources of the information and telecommunication network 'Internet':

1. RUDN's electronic library system and external electronic library systems, to which university students have access based on concluded agreements

- RUDN Electronic Library System – RUDN ELS

<https://mega.rudn.ru/MegaPro/Web>

- ELS 'University Library Online' <http://www.biblioclub.ru>

- ELS Yurayt <http://www.biblio-online.ru>

- ELS 'Student Consultant' www.studentlibrary.ru

- ELS 'Znaniyum' <https://znaniyum.ru/>

2. Databases and search engines

- Sage <https://journals.sagepub.com/>

- Springer Nature Link <https://link.springer.com/>

- Wiley Journal Database <https://onlinelibrary.wiley.com/>

- Scientometric database Lens.org <https://www.lens.org>

Educational and methodological materials for students' independent work when mastering the discipline/module:*

1. Lecture course on the subject "Pediatric Dentistry".

2. Methodological guidelines for performing and formatting control and independent work in the discipline 'Pediatric Dentistry'

* - All educational and methodological materials for independent student work are posted in accordance with the current procedure on the course page in TUIS!

DEVELOPERS:

Associate professor, department of
pediatric dentistry and orthodontics

Position, educational department

Signature

D.S. Bulycheva

name and surname.

HEAD OF EDUCATIONAL DEPARTMENT:

Department of Pediatric Dentistry
and Orthodontics

educational department

Signature

N.S. Tuturov

name and surname.

HEAD OF HIGHER EDUCATION PROGRAMME:

Deputy Director for Academic
Affairs, Medical Institute, Head
department, professor of the
Department of propaedeutics of
dental diseases

Position, educational department

Signature

S.N. Razumova

name and surname.