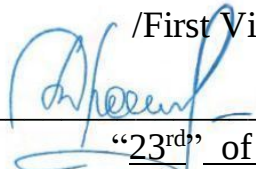


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Federal State Budget Educational Institution
of Higher Education
Pacific State Medical University
of the Ministry of Health of the Russian Federation

APPROVED BY

/First Vice-Rector

 / Dvoynikova E.R./
“23rd” of June 2026

DISCIPLINE WORK PROGRAM

B1.C.38 Clinical pediatric dentistry

(name of discipline)

Specialty

**31.05.03 Dentistry for foreign
students (English-language program)**
(code, name)

Degree

Specialist's degree

Profile

02 "Healthcare"
(in the field of providing health care in
patients with dental pathology)

Mode of study

Full-time

Period of mastering the BEP

5 years
(nominal length of study)

Institute

of Dentistry

Vladivostok, 2026

Program of the discipline **B1.C.38 Clinical pediatric dentistry** is based on:

1) Federal State Educational Standard of Higher Education for the specialty approved by the Order No. 984 of Ministry of Science and Higher Education of the Russian Federation dated August 12, 2020.

2) Curriculum for the 31.05.03 Dentistry for foreign students (English-language program), profile 02 "Healthcare" (in the field of providing health care in patients with dental pathology), approved by the Academic Council of FSBEI HE PSMU of the Ministry of Health of Russia Report No. 1-7/25-26 dated March 27, 2026.

Work program for the discipline was developed by the writing team of the Institute of Dentistry of the FSBEI HE PSMU of the Ministry of Health of Russia, under the guidance of the director of the institute, Doctor of Medical Sciences, Associate professor Pervov Yu.Yu.

Developed by:

Assistant professor	Candidate of Medical Sciences	Yatsenko A.K.
(position held)	(academic degree, academic title)	(full name)
Senior lecturer	-	Dementieva L.E.
(position held)	(academic degree, academic title)	(full name)
Assistant	-	Andreeva E.V.
(position held)	(academic degree, academic title)	(full name)

1. GENERAL PROVISIONS

1.1. Purpose and Objectives of Mastering B1.C.38 Clinical pediatric dentistry

The purpose of mastering the discipline is ensuring readiness for professional activity of a dentist, development of universal, general professional, and professional competencies necessary to provide labor functions outlined in the Occupational standard "Dentist (General Dental Practitioner)".

Objectives of mastering the discipline:

1. Developing skills of diagnosing dental diseases and pathological conditions of patients;
2. Developing skills in providing medical aid in outpatient and day hospital settings;
3. Developing skills for participation in medical rehabilitation and health resort treatment of patients with dental diseases.

2. DISCIPLINE AS PART OF THE BASIC EDUCATIONAL PROGRAM

Discipline **B1.C.38 Clinical pediatric dentistry** is included in the mandatory part of the Unit 1 of the basic educational program for the specialty 31.05.03 Dentistry for international students (in English), profile 02 "Healthcare" (in the field of providing health care in patients with dental pathology), and is part of the 10th semester's curriculum.

3. PLANNED LEARNING OUTCOMES OF THE DISCIPLINE

3.1. Mastering the discipline **B1.C.38 Clinical pediatric dentistry** is aimed at the development of students' competencies. The discipline facilitates the development of students' competencies corresponding to the types of professional activity.

Name of competency category (group) / labor function	Code and Name of competency of the graduate	Competency Indicators
General Professional Competencies		
Diagnosis and treatment	GPC-5. Able to examine a patient and make a diagnosis	AI.GPC-5 ₁ - examines the patient using clinical, laboratory and special instrumental methods AI.GPC-5 ₂ - provides a comprehensive evaluation to determine the overall health and functionality of organs and systems to decide if there are no contraindications that might preclude complex and reconstructive dental manipulations AI.GPC-5 ₃ - evaluates the results of the exam to make a diagnosis
	GPC-6. Able to administer and control the effectiveness and safety of non-pharmacological and pharmacological therapies	AI.GPC-6 ₁ - creates a treatment plan, administers dosages of medication as well as non-pharmacological treatment regimens adhering to treatment requirements AI.GPC-6 ₂ - monitors therapy effectiveness and adjusts treatment regimens as necessary, utilizes various forms of medication tailored to specific dental treatments AI.GPC-6 ₃ - identifies contraindications and potential adverse events related to medication administration
Professional Competencies		
A/01.7 Patient examination. Making a diagnosis	PC-1 ability and willingness to implement activities aimed at diagnosing dental diseases using digital health methods	AI. PC-1 ₁ - identifies basic pathologic conditions, symptoms, syndromes in patients with dental diseases AI. PC-1 ₂ - interprets and evaluates the information received from patients (their relatives/legal representatives), primary and re-examination data, as well as laboratory

		and instrumental investigations in patients with dental diseases AI. PC-1 ₃ - applying the methods of digital computerized and hardware diagnostics of dental diseases
A/02.7 Prescribing and monitoring the effectiveness and safety of non-pharmacological and pharmacological therapies	PC-2 ability to administer and apply modern methods and/or digital technologies to treat dental patients as well as monitor the effectiveness and safety of the treatment	AI. PC-2 ₁ - develop treatment plans for dental patients aligning with clinical recommendations, treatment protocols, and medical care procedures and health care standards AI. PC-2 ₂ - demonstrates proficiency in administering non-pharmacological and pharmacological therapies and other treatment methods to dental patients, monitors the efficacy and safety of these methods AI. PC-2 ₃ - proficiently uses modern methods and/or digital technologies to treat dental diseases
A/03.7 Developing, implementing and monitoring the individual rehabilitation programs effectiveness	PC-3 ability to develop, implement and improve the effectiveness of rehabilitation programs for dental patients	AI. PC-3 ₁ - identifies the basic rehabilitation principles of patients with maxillofacial diseases AI. PC-3 ₂ - formulates indications and contraindications for rehabilitation measures to be used for various oral cavity diseases and pathological conditions AI. PC-3 ₃ - knows the methods of complex dental patients' rehabilitation, considering the patient's overall health and comorbidity

3.2. Types of professional activity corresponding to competencies developed over the course of mastering **B1.C.38 Clinical pediatric dentistry**:

Types of professional activity objectives

1. *Medical*
2. *Research and development*
3. *Pedagogical*

Kinds of professional activity objectives

1. *examination of the patient in order to make a diagnosis;*
2. *prescribing pharmacological and non-pharmacological treatment and monitoring its efficiency and safety;*
3. *implementation and monitoring of the effectiveness of individual medical rehabilitation programs*

3.3. Planned learning outcomes of mastering the discipline are represented by knowledge, skills, abilities and/or experience, characterize the stages of developing competencies and ensure achievement of the planned outcomes of mastering the basic educational program. Learning outcomes of a discipline are correlated with competency indicators.

4. SCOPE AND CONTENT OF THE DISCIPLINE

4.1. Scope of the Discipline and Types of Academic Work

Type of Academic Work	Total Hours	Semesters
		10
		hours
1	2	3
Classroom hours (total), including:	68	68

Lectures (L)		8	8
Practical classes (C)		60	60
Independent work of the student (IW), including:		40	40
<i>Preparing for classes (CP)</i>		28	28
<i>Preparing for continuous assessment (CAP)</i>		6	6
<i>Preparation for interim assessment (IAP)</i>		6	6
Interim assessment			
Type of interim assessment	pass/fail test (T)	T	T
	exam (E)		
TOTAL: TOTAL credit value	hrs.	108	108
	credits	3	3

4.2. Contents of the Discipline

4.2.1. Topics of Discipline Lectures and Academic Hours per Semester

No.	Lecture Topic	Hours
1	2	3
Semester No. 10		
1.	Anatomical and physiological features of the oral mucosa in children of different ages. Classification of oral mucosal diseases. Oral mucosal injuries in children. Etiology, pathogenesis, diagnosis, differential diagnosis, and modern treatment methods. Acute herpetic stomatitis in a child. Etiology, pathogenesis, clinical presentation, diagnosis, differential diagnosis, and modern treatment methods. Prevention. Chronic recurrent herpes	2
2.	Candidiasis in children. Etiology, pathogenesis, classification, clinical presentation, diagnosis, and treatment. Manifestations of infectious diseases on the oral mucosa in children. Lesions of the oral mucosa in children with cardiovascular , gastrointestinal diseases, endocrine pathology, hypo- and avitaminosis, diseases of the blood and hematopoietic system	2
3.	Erythema multiforme exudative stomatitis in children: clinical presentation, diagnosis, treatment, and outcomes. Chronic recurrent aphthous stomatitis. Etiology, pathogenesis, clinical presentation, diagnosis, and treatment	2
4.	Cheilitis in children. Etiology, pathogenesis, clinical features, diagnosis, differential diagnosis, and treatment. Glossitis in children. Etiology, pathogenesis, clinical features, diagnosis, differential diagnosis, and treatment	2
Hours per semester total		8

4.2.2. Topics of Discipline Practical Classes and Academic Hours per Semester

No.	Practical Class Topic	Hours
1	2	3
Semester No. 10		
1	The structure and functions of the oral mucosa in children. Types of oral mucosa and their age-specific characteristics. Classification of diseases of the oral mucosa (MMSI, ICD-10)	6
2	Current concepts of the etiology and pathogenesis of acute and chronic oral mucosal injuries in children. Bednar aphthae. Etiology, pathogenesis, clinical	7

	picture, diagnosis, differential diagnosis, and current treatment methods. Characteristics of the course of chronic oral mucosal injuries at different age periods. Current approaches to the treatment of acute and chronic traumatic oral mucosal injuries in children. Prevention of traumatic diseases during dental appointments. Practical training – practical skills demonstration	
3	Acute herpetic stomatitis in children. Etiology, pathogenesis, clinical features, diagnosis, and differential diagnosis. Treatment of acute herpetic stomatitis. Practical training – practical skills demonstration	6
4	Candidiasis in children. Etiology, pathogenesis, classification, clinical presentation, diagnosis, differential diagnosis, and modern treatment methods. Practical training – practical skills demonstration	6
5	Lesions of the oral mucosa in children due to infectious diseases (chickenpox, measles, scarlet fever, etc.). Clinical features, diagnosis, and treatment. Lesions of the oral mucosa in children with systemic diseases (hypo- and vitamin deficiencies, diseases of the digestive, nervous, cardiovascular, and endocrine systems, kidney disease, hematopoietic disorders, collagenoses). Clinical presentation, diagnosis, differential diagnosis, and treatment. Dentist's approach. Practical training – practical skills demonstration	7
6	Congenital syphilis. Clinical manifestations of the disease. A pediatric dentist's approach	7
7	Modern concepts of the etiology and pathogenesis of allergic diseases of the respiratory tract in children. Characteristics of the course of allergic diseases of the oral mucosa at different age periods. Modern approaches to the treatment of allergic diseases of the oral mucosa in children. Medications used in the treatment of allergic diseases of the oral mucosa in children. Practical training – practical skills demonstration	7
8	Stevens -Johnson syndrome. Lyell's disease. Etiology, pathogenesis, clinical features, diagnosis, treatment, and outcomes. Chronic recurrent aphthous stomatitis. Etiology, pathogenesis, clinical features, diagnosis, and treatment. Practical training – practical skills demonstration	7
9	Tongue diseases in children (glossitis). Etiology, pathogenesis, clinical presentation, diagnosis, and treatment. Lip diseases (cheilitis). Etiology, pathogenesis, clinical presentation, diagnosis, and treatment. Practical training – practical skills demonstration	7
	Hours per semester total	60

4.2.3. Independent Work of the Student

No.	Name of the Discipline Section	Type of IW	Total Hours
1	3	4	5
Semester No 10			
1	Current concepts of the etiology and pathogenesis of acute and chronic oral mucosal injuries in children. Bednar aphthae. Etiology, pathogenesis, clinical picture, diagnosis, differential diagnosis, and current treatment methods. Characteristics of the course of chronic oral mucosal injuries at different age periods. Current approaches to the treatment of acute and chronic traumatic oral mucosal injuries in children. Prevention of traumatic diseases during dental appointments	Written report on select questions, preparing for continuous assessment	8
	Acute herpetic stomatitis in children. Etiology, pathogenesis, clinical picture, diagnostics, differential diagnostics.		8

	Treatment of acute herpetic stomatitis. Candidiasis in children. Etiology, pathogenesis, classification, clinical picture, diagnostics, differential diagnostics, modern treatment methods. Lesions of the oral mucosa in children with infectious diseases (chickenpox, measles, scarlet fever, etc.). Clinical picture, diagnostics, treatment. Dentist's tactics. Lesions of the oral mucosa in children with systemic diseases (hypo- and vitamin deficiencies, diseases of the digestive, nervous, cardiovascular, endocrine systems, kidney diseases, hematopoiesis disorders, collagenoses). Clinical picture, diagnostics, differential diagnostics, treatment. Dentist's tactics		
	Congenital syphilis. Clinical manifestations of the disease. A pediatric dentist's approach		6
	Current understanding of the etiology and pathogenesis of allergic diseases of the oral mucosa in children. Characteristics of the course of allergic diseases of the oral mucosa at different age periods. Current approaches to the treatment of allergic diseases of the oral mucosa in children. Medications used in the treatment of allergic diseases of the oral mucosa in children		6
	Stevens -Johnson syndrome. Lyell's disease. Etiology, pathogenesis, clinical features, diagnosis, treatment, and outcomes. Chronic recurrent aphthous stomatitis. Etiology, pathogenesis, clinical features, diagnosis, and treatment		6
	Tongue diseases in children (glossitis). Etiology, pathogenesis, clinical features, diagnosis, and treatment. Lip diseases (cheilitis). Etiology, pathogenesis, clinical features, diagnosis, and treatment		6
	Hours per semester total		40

5. REQUIREMENTS FOR IMPLEMENTATION OF DISCIPLINE

5.1. Discipline Requirements for Educational Materials and Provided Information

Essential reading

No.	Name/Title, Resource Type	Author(s)/Editor	Publisher Imprint, Web Address	Number of Copies (accesses) in the Library and Information Center
1	2	3	4	5
1	Pediatric Dentistry : Textbook [Electronic resource]	edited by Yanushevich O.O., Kiselnikova L.P., Topolnitsky O.Z.	M.: GEOTAR-Media, 2020. - 744 p. URL: http://www.studentlibrary.ru/	Unlimited access
2	Pediatric Dentistry. Guide to Practical Exercises: textbook . p individual [Electronic resource]	L. P. Kiselnikova, S. Yu. Strakhova, T. E. Zueva [et al.]; edited by L. P. Kiselnikova, S. Yu. Strakhova	M.: GEOTAR-Media, 2022. - 352 p. URL: http://www.studentlibrary.ru/	Unlimited access
3	Pediatric dentistry: textbook . p individual [Electronic resource]	edited by Mamedov Ad.A. , Geppe N.A.	M.: GEOTAR-Media, 2020. - 184 p. URL: http://www.studentlibrary.ru/	Unlimited access

4	Therapeutic Dentistry for 4th-year students	N. E. Kolchanova, A. A. Pozharitskaya, Yu. P. Chernyavsky, N. A. Baitus	Vitebsk : VSMU, 2020. - 262 p. - Electronic Library System " BookUp "	Unlimited access
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Supplementary reading

No.	Name/Title, Resource Type	Author(s)/Editor	Publisher Imprint, Web Address	Number of Copies (accesses) in the Library and Information Center
1	2	3	4	5
1	Atlas of dental diseases in children: textbook . p individual [Electronic resource]	T. F. Vinogradova	M .: MEDpress-inform, 2021. - 168 p. URL: http://books-up.ru/	Unlimited access
2	Technologies for the prevention and treatment of dental caries in children: textbook . p individual [Electronic resource]	L.P. Kiselnikova, T.E. Zueva, A.G. Sedoykin , L.N. Drobotko	M .: GEOTAR-Media, 2021. - 184 p. URL: http://www.studentlibrary.ru/	Unlimited access
3	Community Dentistry = Communal dentistry : methodical developments for the 5th year students of Dental Faculty	T. I. Pershukevich, N. A. Baitus, Yu. P. Chernyavsky	Vitebsk : VSMU, 2020. - 187 p. - Electronic Library System " Bukap "	Unlimited access

Online resources

1. Electronic library system "Student Consultant" <http://studmedlib.ru/>
2. Electronic library system "University Library Online" <http://www.biblioclub.ru/>
3. Electronic library system "Urait" <https://urait.ru/>
4. Electronic library system "BookUp" <https://www.books-up.ru/>
5. Resources owned by the Library and Information Center of FSBEI HE PSMU of the Ministry of Health of Russia <https://tgmu.ru/university/bibliotechno-informacionnyj-centr/resursy-bic/sobstvennye/>

Online resources and respective user guides are available on the Library and Information Center website [Library and Information Center — PSMU \(tgmu.ru\)](http://tgmu.ru)



5.2. Discipline Requirements for Facilities and Resources

Information on the facility and resource availability and requirements of the discipline is available on the [Facility and resource availability and requirements. FSBEI HE PSMU of the Ministry of Health of Russia \(tgmu.ru\)](http://tgmu.ru) page of the official website of the university.



5.3. List of Information Technologies, Information and Reference Systems, Licensed and Free Software (Including Domestically-developed Software):

1. PolycomTelepresence M100 Desktop Conferencing Application (Videoconference system)
2. SunRav Software tTester
3. 7-PDF Split & Merge
4. ABBYYFineReader
5. Kaspersky Endpoint Security
6. INDIGO online testing system
7. Microsoft Windows 7
8. Microsoft Office Pro Plus 2013
9. 1C:University
10. GARANT system
11. MOODLE (Modular Object-Oriented Dynamic Learning Environment)

6. ASPECTS OF THE IMPLEMENTATION OF THE DISCIPLINE FOR STUDENTS WITH DISABILITIES AND SPECIAL NEEDS

6.1. Availability of Accessible Environment

For students with disabilities and special needs, if a written application is submitted, lectures and practical classes are carried out taking into account health limitations, individual capabilities and medical status (hereinafter referred to as individual characteristics) of the student. Compliance with the following general requirements is ensured: teaching aids for collective and individual use are provided, required technical assistance is provided by an assistant; buildings and premises where lectures and practical classes are taking place meet accessibility requirements, other arrangements lack of which makes it impossible or difficult to master the discipline are made.

6.2. Ensuring Compliance with General Requirements

When lectures and practical classes are carried out at the written application of the student, the following general requirements are met: lectures and practical classes for students with disabilities and special needs take place at the same location as for students who do not have disabilities, if this does not cause difficulties for students; an assistant (assistants), who provide(s) students with the necessary technical assistance taking into account individual characteristics of the student, is (are) provided; necessary teaching aids are provided, taking into account individual characteristics of the student.

6.3. Availability of the Internal Policies and Procedures of FSBEI HE PSMU of the Ministry of Health of Russia to Students with Disabilities in a Format Accessible to Them.

All internal policies and procedures of FSBEI HE PSMU of the Ministry of Health of Russia concerning the discipline are made available to students with disabilities in a format accessible to them.

6.4. Increase in the Time Limit of Interim Assessment for Students with Disabilities and Special Needs in Relation to the Established duration

Format of the interim assessment of academic performance within the scope of the discipline conducted for students with disabilities and special needs is selected taking into account individual characteristics of the students (orally, by writing on paper, by typing on a computer, as a test, etc.). The duration of the interim assessment in relation to the established duration is increased at the written

application of the student with disabilities. Time limit for the student's preparation for the test is increased by at least 0.5 hours.

7. STAFFING REQUIREMENTS OF THE DISCIPLINE

Academic teaching personnel that ensure the implementation of the discipline education process meet the requirements of the Federal State Educational Standard of Higher Education for the **31.05.03 Dentistry** specialty; list of the aforementioned personnel is available on the website of the educational organization.



8. TUTORIAL WORK

Type of tutorial work	Forms and approaches to tutorial work	Assessment criteria
Assistance in personal growth	Overt Talks and problem-centric debates aimed at promotion of healthy lifestyle. Participation in interdepartmental conferences aimed at formation of healthy lifestyle and development of skills necessary to preserve and improve health.	Portfolio
	Covert – creating atmosphere and infrastructure. Developing a culture of healthy lifestyle, the ability to preserve and improve health. Creating atmosphere of kindness and respect with a high level of communication during implementation of the discipline.	
Civic position and values	Overt Conducting events that facilitate development of civil culture (roundtable discussions, discussions/debates, and talks). Short discussions on current significant events in case the latter occur.	Portfolio
	Covert Focusing on civic values-oriented position and legal awareness. Cultivating mindful social position during professional activity.	
Social values	Overt Highlighting aspects of organization of healthy lifestyle based on health-preserving technologies. Highlighting ecology-related questions, environmental issues as a factor affecting population health and select population risks.	Portfolio
	Covert Identification in social structure during period of education and in professional activity.	