

**Summary of the working program of the elective discipline:**

**"Features of the course and treatment diseases  
of the oral mucosa in children"**

General Educational Program of higher education (specialist) for speciality  
31.05.03. "Dentistry"

**Department: Pediatric dentistry**

**1. The purpose of mastering the discipline** (*participation in the formation of relevant competencies – specify the codes*):

**The aim of the discipline:** participate in the formation of competencies UC-1, GPC-1, GPC-2, GPC-6, GPC-8, GPC-9, GPC-11, PC-1, PC-2, PC-5, PC-6, PC-8, PC-9, PC-12.

**2. Position of the academic discipline in the structure of the General Educational Program (GEP).**

**2.1.** The discipline refers to the core part (*or the part formed by the participants of educational relations*) of elective disciplines.

**3. Deliverables of mastering the academic discipline and metrics of competence acquisition**

Mastering the discipline aims at acquiring the following universal (UC) or/and general professional (GPC) or/and professional (PC) competencies

No. n/a	Comp etence code	The content of the competence (or part of it)	Code and name of the competence acquisition metric	As a result of mastering the discipline, the students should:		
				know	be able to	possess
1.	UC-1	Ability to think abstractly, analyse, synthesise.	UC-1 . Is able to critically analyse problematic situations using a systematic approach, to develop a strategy of action	Basic principles and algorithms for analysing and synthesising information in the professional medical activity of the paediatric dentist	Analyse the situation and systematise the information on each clinical case in paediatric dentistry	clinical thinking, synthesis of findings and situation analysis depending on the specific clinical case in paediatric dentistry
2.	PC-1	Ability to diagnose dental diseases and pathological conditions of patients	PC-1. Ability and readiness to implement a set of measures aimed at preservation and promotion of health and including the formation of a healthy lifestyle of	The basics of preventive measures for the formation of dental health in children and adolescents, the influence	Lectures, talks, discussions on the factors affecting the dental health of children and adults, the causes of major dental	methods of dental education, auditory, speech and illustrative motivation to promote the dental health

3.	PC-2	Ability to carry out measures to prevent dental diseases	<p>the patient (their relatives/legal representatives). Prevention of the emergence and/or spread of dental diseases, their early diagnosis, identification of causes and conditions of emergence and development, as well as prevention.</p> <p>PC-2 . Ability and readiness to carry out preventive medical examinations, medical check-ups for different categories of citizens and to carry out medical check-ups for patients with dental pathologies</p>	<p>of hereditary factors and environmental factors on the occurrence of major dental diseases among the child population.</p> <p>The influence of hereditary factors and environmental factors on the occurrence of major dental diseases among the child population.</p> <p>The basics of planning and carrying out preventive medical check-ups, check-ups and the implementation of follow-up care for children and adolescents with dental pathology.</p>	<p>diseases among children and adolescents, and measures to prevent dental diseases in the family and in society.</p> <p>Conduct preventive medical check-ups and follow-up care for children and adolescents with dental diseases.</p>	<p>of children and their parents.</p> <p>methods for preventive dental check-ups of the maxillofacial region in children and adolescents of different ages and methods for the follow-up of children and adolescents with different nosological forms of dental diseases.</p>
4.	PC-5	Application of the basic principles of the organisation of dental care in medical institutions and their structural subdivisions.	<p>PC-5 . Ability and readiness to apply socio-hygienic techniques to collect and medico-statistical indicators of dental morbidity, quality indicators of dental care delivery.</p>	<p>Rules for the preparation and maintenance of medical records, including in the form of an electronic document, in medical institutions with a dental</p>	<p>Draw up a work plan and report on the work. Complete medical records, including electronic records, and monitor the quality of the records.</p>	<p>Drawing up a work plan and a report on their work. Keeping medical records, including in the form of an electronic document. Supervise the</p>

				<p>profile. Rules for working in medical information systems and the information and telecommunication network "Internet". The duties of medical staff in dental health care institutions. The organisation, equipment and facilities of dental surgeries, departments and outpatient clinics. Health, safety and fire safety requirements, emergency procedures. Pathological physiology and pathological anatomy, clinic, diagnosis and differential diagnosis, nosological forms of the main dental diseases in children and adolescents according to ICD-10.</p>	<p>Analyse the medical and statistical indicators for the incidence of dental disease. Use health information systems and the Internet in their work. Supervise the performance of the duties of the medical staff on duty. Use patient personal data and patient confidentiality information in their work.</p>	<p>performance of job duties by medical staff on duty. The use of health information systems and the Internet. The use of personal information about patients and medical secrets in their work.</p>
5.	PC-6	Diagnosis of dental diseases and pathological conditions of patients.	<p>PC-6. Ability to identify in patients the main pathological conditions, symptoms, syndromes of dental diseases, nosological forms according to the International Statistical Classification of Diseases and Related Health Problems, X</p>	<p>Identify in patients the main pathological conditions, symptoms, syndromes and nosological forms of dental diseases in children and adolescents.</p>	<p>Identify in patients the main pathological conditions, symptoms, syndromes and nosological forms of dental diseases in children and adolescents.</p>	<p>methods The definition of pathological conditions, symptoms and syndromes of dental diseases and their nosological forms in children and adolescents.</p>
6.	PC-8	Conducting a medical examination	<p>PC-8 . Willingness to assess temporary</p>	<p>The procedure for issuing certificates of</p>	<p>Identify signs of temporary care for a child</p>	<p>Conducting an assessment</p>

			<p>disability, to participate in medical and social expert assessment, to establish the biological death of a person</p>	<p>incapacity for work. Medical indications for referral for medical and social expert assessment. Requirements for medical records.</p>	<p>with a dental disease. Prepare medical documentation for referral of children with dental conditions to the federal state medical and social expert assessment institutions.</p>	<p>of temporary incapacity to work to care for a sick child suffering from a dental disease. The registration of the necessary medical documentation for medical and social expert assessment in the federal state medical and social expert assessment institutions. Referral of children and adolescents with dental diseases for medical and social expertise. Issue certificates of incapacity for work, including for persons caring for a sick family member.</p>
7.	PC-9	Treating patients with dental problems	<p>PC-9. Willingness to determine the need for natural healing factors, medicines, non-pharmacological therapy and other methods in patients with maxillofacial diseases in need of</p>	<p>Indications and contraindications for the use of natural healing factors, drugs, non-medicinal therapy and other methods</p>	<p>Identify indications and contraindications for the use of natural healing factors, medication, non-medicinal therapy and</p>	<p>Has practical experience: determining indications and contraindications for the use of natural healing factors,</p>

			<p>medical rehabilitation and sanatorium treatment</p>	<p>in children and adolescents with maxillofacial area diseases in need of medical rehabilitation and spa treatment; effectiveness and safety of non-medicinal therapy; specifics of interaction between methods of non-medicinal therapy in patients with maxillofacial area diseases in need of medical rehabilitation and spa treatment; an algorithm for carrying out physiotherapy procedures.</p>	<p>other methods in patients with maxillofacial diseases in need of medical rehabilitation and spa treatment; evaluate the effectiveness and safety of non-medicinal therapy; analyse the features of interaction between methods of non-medicinal therapy in patients with maxillofacial diseases in need of medical rehabilitation and spa treatment</p>	<p>medicines, non-medicinal therapy and other methods in children and adolescents with maxillofacial diseases in need of medical rehabilitation and sanatorium treatment; evaluation of effectiveness and safety of non-medicinal therapy; analysis of the interaction features of methods of non-medicinal therapy in patients with maxillofacial diseases in need of medical rehabilitation and sanatorium treatment</p>
8.	PC-12	<p>Participate in research and application in health and medical sciences.</p>	<p>PC-12. Willingness to participate in research, analysis and public presentation of medical information based on evidence-based medicine and to participate in the implementation of</p>	<p>Basics of evidence-based medicine; main sources of evidence-based medical information; ways and forms of</p>	<p>Search for medical information based on evidence-based medicine; interpret data from scientific publications;</p>	<p>Has practical experience: Developing algorithms for the examination and treatment of adults and children with</p>

			new methods and techniques aimed at protecting public health and reducing dental morbidity.	public presentation of medical information; basic principles of medical research.	critically appraise modern methods of diagnosis, prevention and treatment of diseases from the perspective of evidence-based medicine; argue for your choice of methods of diagnosis, prevention and treatment of dental diseases; prepare a presentation for public presentation of medical information, results of scientific research.	dental diseases according to the principles of evidence-based medicine; searching for and interpreting medical information based on evidence-based medicine; public presentation of medical information based on evidence-based medicine; partial participation in a scientific study.

#### 4. Volume of the academic discipline and types of academic work

Total labor intensity of the discipline is 2 CU (72AH)

Type of educational work	Labor intensity		Labor intensity (AH) in semesters
	volume in credit units (CU)	volume in academic hours (AH)	
Classroom work, including			7
Lectures (L) DOT and EOC Seminars (S) and Practical training using the DOT and E-Learning Technology (PST)	1,3	44	44

Student's individual work (SIW)	0,7	28	28
Mid-term assessment credit/exam ( <i>specify the type</i> )			credit
TOTAL LABOR INTENSITY	2	72	72

### 5. Sections of the academic discipline and competencies that are formed

p / no.	Competen cy Code	Name of the discipline section	The content of the section in didactic units
•	UC-1 PC- 1 PC-2 PC-5 PC-6 PC-8 PC-9 PC-12	Anatomical and physiological features of the structure of the oral mucosa in children of different ages.	Anatomical and physiological features of the structure of the oral mucosa in children of different ages. Prevention of diseases of the oral mucosa in children and adolescents, forms and methods of prevention. Methods of examination of children with diseases of the oral mucosa. Preparation of medical documentation.
•	UC-1 PC- 1 PC-2 PC-5 PC-6 PC-8 PC-9 PC-12	Features of the course and diagnosis of traumatic injuries of the oral mucosa in children of different ages.	Features of clinical manifestations, diagnosis and differential diagnosis of various traumatic injuries of the oral mucosa in children and adolescents. Methods of treatment of injuries of the oral mucosa in children, depending on the type and duration of the traumatic factor.
•	UC-1 PC- 1 PC-2 PC-5 PC-6 PC-8 PC-9 PC-12	Features of the course, diagnosis and treatment of lesions of the oral mucosa in viral and bacterial infections in children.	Features of the clinical picture of lesions of the oral mucosa in children with viral and bacterial infections. Diagnostic methods and differential diagnosis of viral and bacterial infections and their manifestations on the oral mucosa in children. Methods of treatment of lesions of the oral mucosa in children with viral and bacterial infections and their prevention.
•	UC-1 PC- 1 PC-2 PC-5 PC-6 PC-8 PC-9 PC-12	Features of the course and treatment of lesions of the oral mucosa in children with specific infections.	Features of the clinical picture of lesions of the oral mucosa in children with specific infections. Diagnostic methods and differential diagnosis of specific infections and their manifestations on the oral mucosa in children. Methods of treatment of lesions of the oral mucosa in children with specific infections and their prevention.
•	UC-1 PC- 1 PC-2 PC-5 PC-6 PC-8 PC-9 PC-12	Features of the course and treatment of lesions of the oral mucosa in children caused by allergic reactions.	Features of the clinical picture of lesions of the oral mucosa in children with allergic reactions and general somatic diseases with an allergic component. Methods of diagnosis, differential diagnosis and treatment of lesions of the oral mucosa in children with allergic reactions and general somatic diseases with an allergic component.
•	UC-1	Features of the course and	Features of the clinical picture of lesions of the oral

	PC- 1 PC-2 PC-5 PC-6 PC-8 PC-9 PC-12	treatment of lesions of the oral mucosa in children with general somatic pathology.	mucosa in children with diseases of various organs and systems (cardiovascular, nervous systems, diseases of the gastrointestinal tract, blood, skin, etc.). Methods of diagnosis, differential diagnosis and treatment of diseases of the mucous membrane of the mouth and lips in children with diseases of various organs and systems.
•	UC-1 PC- 1 PC-2 PC-5 PC-6 PC-8 PC-9 PC-12	Features of the course and treatment of diseases of the mucous membrane of the tongue and the red border of the lips in children.	Features of the clinical picture of glossitis and cheilitis in children. Methods of diagnosis, differential diagnosis and treatment of diseases of the mucous membrane of the tongue and lips in children