Summary of the working program of the academic discipline

<u>« Innovative technologies in therapeutic dentistry »</u> (name of the academic discipline)

General Educational Program of higher education (<u>specialist's degree programs</u>) 31.05.03 Dentistry____

code, name of the specialty

Department: Therapeutic Dentistry.

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

the program of elective disciplines is aimed at an in-depth study of therapeutic dentistry - the leading among dental disciplines, since the main place in it is occupied by the problems of not only treatment, but also the prevention of major dental diseases.

The purpose of teaching therapeutic dentistry as a discipline of choice is an in-depth study of the causes, mechanisms of development, modern methods of diagnosis and treatment of diseases of the teeth, periodontium and oral mucosa.

Able to carry out a critical analysis of problem situations based on a systematic approach, to develop an action strategy (UC-1).

Ability and readiness to conduct preventive medical examinations, medical examinations of various categories of citizens and the implementation of dispensary observation of patients with dental pathology (PC-2).

Willingness to collect and analyze complaints and other information from the patient (relatives / legal representatives), his medical history, interpretation of examination results, laboratory, instrumental, pathoanatomical and other studies in order to recognize the condition or establish the presence or absence of a dental disease, symptoms, syndromes of dental diseases, the establishment of nosological forms in accordance with the International Statistical Classification of Diseases and Related Health Problems, and other regulatory documents of the Ministry of Health of the Russian Federation (Procedure for the provision of medical care, Standard of Medical Care, Clinical Recommendations on the provision of medical care, etc.) (PC -6).

Willingness to participate in scientific research, analysis and public presentation of medical information based on evidence-based medicine and to participate in the implementation of new methods and techniques aimed at protecting public health and reducing dental morbidity (PC-12).

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

- 2.1. The discipline "Innovative technologies in therapeutic dentistry" refers to the obligatory part of Block 1 of the OOP HE, is studied in the 10th semester.
- 2.2. To study the discipline, knowledge, skills and abilities are necessary, formed by the previous disciplines:
 - 2.2.1. pathological physiology.

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

Skills - to identify the presence of inflammation, an allergic reaction, a tumor.

Skills - to determine the severity and severity of the inflammatory process

2.2.2. Pathological anatomy.

Knowledge - Inflammation. Necrosis. Regeneration. Tumors. Injuries.

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

Skills - to distinguish various pathological processes from each other.

2.2.3. Pharmacology.

Knowledge - Antiseptics in the clinic of therapeutic dentistry.

Enzymes. Antibiotics. Antimicrobial and antiparasitic agents. Means that affect tissue metabolism. Antidotes and complexones.

Tranquilizers and sedatives. Narcotic and non-narcotic analgesics. Local anesthetic drugs.

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

Skills - write prescriptions for drugs.

2.3. And the study of the discipline is necessary for the knowledge, skills and abilities formed by subsequent disciplines/practices:

Department of Therapeutic Dentistry - graduating department.

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

The study of the discipline is aimed at developing the following universal (UC), general professional (OPC) and professional (PC) competencies among students:

pro	professional (OPC) and professional (PC) competencies among students:					
No.	Compete	The content of the competence (or its	Code and name of the competence As a res		of mastering e students sho	the discipline, ould:
p / p	nce code	part)	acquisition metric	Know	Be able to	Own
1.	UC-1	Able to carry out a critical analysis of problem situations based on a systematic approach, develop an action strategy	IET 1.1 Knows: methods of critical analysis and evaluation of modern scientific achievements; basic principles of critical analysis IUK 1.2 Able to: gain new knowledge based on analysis, synthesis, etc.; collect data on complex scientific problems related to the professional field; search for information and solutions based on action, experiment and experience IUK 1.3 Has practical experience: researching the problem of professional activity using analysis, synthesis and other methods of intellectual activity; developing an action strategy to solve professional problems	Principles and methods of search, analysis and synthesis of information.	Apply the principles and methods of searching, analyzing and synthesizing information; Competentl y, logically, reasonably form their own judgments and assessments.	Practical skills of searching, analyzing and synthesizing information.
	PC-2	the ability and willingness to conduct preventive medical examinations, medical examinations of various categories of citizens and the implementation of dispensary observation of patients with dental pathology	IPC 2.1 Knows: Normative legal acts regulating the procedures for conducting preventive medical examinations and medical examinations The main criteria for a healthy lifestyle and methods for its formation Socio-hygienic and medical aspects of alcoholism, drug addiction, substance abuse, the basic principles of their prevention Forms and methods of sanitary and hygienic education among	pathological anatomy, clinic, differential diagnosis, methods of treatment and prevention of caries; pulpitis, periodontitis , periodontal diseases and oral mucosa; methods and means used in the medical examination	prescribe and conduct training in rational oral hygiene; carry out therapeutic measures for enamel remineraliza tion in order to prevent and treat caries and non-carious lesions of the teeth; carry out comprehensi ve measures for the prevention	methods of preparation, mechanical and drug treatment and filling of carious cavities; remotherapy techniques ; methods of mechanical and drug treatment of root canals; root canal filling techniques; methods of treatment of periodontal diseases;

patients (their legal representatives), medical workers Features of specific and non-specific prevention of dental diseases The main hygienic measures of a healthimproving nature that promote health and prevent the occurrence of dental diseases Etiology, pathogenesis, prevention of dental diseases Fundamentals Preventive Medicine Stages of planning and implementation community programs for the prevention of dental diseases IPC 2.2 Able to: Conduct health and hygiene education among children and adults (their legal representatives) and medical workers in order to form a healthy lifestyle and prevent dental diseases Carry out health education among children and adults with dental diseases in order to form a healthy lifestyle and prevent dental diseases To form in children and adults (their legal representatives) behavior aimed at maintaining and improving the level of somatic and dental health Develop and healthy implement lifestyle programs, including programs to reduce alcohol and tobacco consumption, prevent and combat the non-medical use of narcotic drugs and psychotropic substances Develop a plan of preventive measures and implement

of caries; determine the index of oral hygiene according to Fedorov Volodkina, according to Green-Vermillion; determine the type of plaque on the teeth, tartar, its color, consistency; carry out therapeutic manipulatio ns eliminate complicatio ns associated with the treatment of caries and its complicatio ns; remove dental deposits: plaque, supra- and

subgingival

tartar; polish

after

teeth

tartar

removal

, dispensary

depending

the

groups

dental

disease

on

methods of treatment of diseases of the oral mucosa; methods of treatment of non-carious lesions of hard dental tissues: methods of injection and non-injection local anesthesia; of methods treatment of pulpitis, apical periodontitis and caries; methods of professional oral hygiene; fissure sealing techniques.

methods of group and individual prevention of major dental diseases Conduct preventive medical dental examinations of the population preventive Assign measures to patients, taking into account risk factors for the prevention and early detection of diseases, including cancer Conduct the selection and prescription of drugs and non-drug for methods the prevention of dental diseases in children and adults Carry out dispensary supervision children and adults with dental diseases IPC 2.3 Has practical experience: Promotion of healthy lifestyle and prevention of dental diseases Carrying out health education among children and adults with dental diseases Formation in children and adults (their legal representatives) of behavior aimed at maintaining and improving the level of somatic health Formation of healthy lifestyle programs, including programs to reduce alcohol and tobacco consumption, prevent and combat the non-medical use of narcotic drugs and psychotropic substances Development of a plan preventive of measures and the implementation methods for group and individual prevention of dental diseases Carrying out preventive medical dental examinations of the population, taking into account age

			Prescribing preventive			
			measures for children			
			and adults with dental			
			diseases, taking into			
		!	account risk factors,			
		!	oncological and			
		1	hygienic prevention in			
		1	accordance with the			
		1	procedures for			
		!	providing medical			
		!	care, clinical			
		!	recommendations,			
		1	taking into account the			
		1	standards of medical			
		1	care			
		!	Selection and			
		!	prescription of drugs			
		!	and non-drug methods			
		!	for the prevention of			
			dental diseases in			
			children and adults			
			Conducting a			
			dispensary			
		!	examination of			
		!	children and adults			
		!	with dental diseases			
		!	Monitoring			
		!	compliance with			
		!	dental preventive			
		!	measures			
3.	PC-6	readiness to collect,	IPC 6.1 Knows:	pathological	conduct	methods of
		analyze complaints	The methodology for	anatomy,	examination	treatment of
		and other information	collecting complaints	clinic,	of patients	periodontal
		from the patient	and anamnesis from	differential	in order to	diseases;
		(relatives/legal	patients (their legal	diagnosis,	diagnose	methods of
		representatives), data	representatives).	methods of	caries,	treatment of
		from his anamnesis,	Methods of physical	treatment	pulpitis,	diseases of the
			examination of	and	periodontitis	oral mucosa;
		interpretation of			*	
		examination results,	patients (examination,	prevention	, non-	methods of
		examination results, laboratory,	patients (examination, palpation, percussion,	of caries;	, non- carious	treatment of
		examination results, laboratory, instrumental,	patients (examination, palpation, percussion, auscultation).	of caries; classificatio	, non- carious lesions of	treatment of non-carious
		examination results, laboratory, instrumental, pathological and other	patients (examination, palpation, percussion, auscultation). The procedure for	of caries; classificatio n, etiology,	, non- carious lesions of the teeth,	treatment of non-carious lesions of hard
		examination results, laboratory, instrumental, pathological and other studies, incl.	patients (examination, palpation, percussion, auscultation). The procedure for providing medical	of caries; classificatio n, etiology, pathogenesi	, non- carious lesions of the teeth, periodontal	treatment of non-carious lesions of hard dental tissues;
		examination results, laboratory, instrumental, pathological and other studies, incl. diagnostic studies	patients (examination, palpation, percussion, auscultation). The procedure for providing medical care to the adult	of caries; classificatio n, etiology, pathogenesi s,	, non- carious lesions of the teeth, periodontal diseases and	treatment of non-carious lesions of hard dental tissues; methods of
		examination results, laboratory, instrumental, pathological and other studies, incl. diagnostic studies using modern	patients (examination, palpation, percussion, auscultation). The procedure for providing medical care to the adult population with dental	of caries; classificatio n, etiology, pathogenesi s, pathological	, non- carious lesions of the teeth, periodontal diseases and oral mucosa,	treatment of non-carious lesions of hard dental tissues; methods of treatment of
		examination results, laboratory, instrumental, pathological and other studies, incl. diagnostic studies using modern technical means and	patients (examination, palpation, percussion, auscultation). The procedure for providing medical care to the adult population with dental diseases	of caries; classificatio n, etiology, pathogenesi s, pathological anatomy of	, non- carious lesions of the teeth, periodontal diseases and oral mucosa, take a smear	treatment of non-carious lesions of hard dental tissues; methods of treatment of pulpitis, apical
		examination results, laboratory, instrumental, pathological and other studies, incl. diagnostic studies using modern technical means and digital technologies, in	patients (examination, palpation, percussion, auscultation). The procedure for providing medical care to the adult population with dental diseases The procedure for	of caries; classificatio n, etiology, pathogenesi s, pathological anatomy of pulpitis;	, non- carious lesions of the teeth, periodontal diseases and oral mucosa, take a smear for	treatment of non-carious lesions of hard dental tissues; methods of treatment of pulpitis, apical periodontitis
		examination results, laboratory, instrumental, pathological and other studies, incl. diagnostic studies using modern technical means and digital technologies, in order to recognize the	patients (examination, palpation, percussion, auscultation). The procedure for providing medical care to the adult population with dental diseases The procedure for providing medical	of caries; classificatio n, etiology, pathogenesi s, pathological anatomy of pulpitis; clinic,	, non- carious lesions of the teeth, periodontal diseases and oral mucosa, take a smear for cytological,	treatment of non-carious lesions of hard dental tissues; methods of treatment of pulpitis, apical
		examination results, laboratory, instrumental, pathological and other studies, incl. diagnostic studies using modern technical means and digital technologies, in order to recognize the state or establish the	patients (examination, palpation, percussion, auscultation). The procedure for providing medical care to the adult population with dental diseases The procedure for providing medical care to children with	of caries; classificatio n, etiology, pathogenesi s, pathological anatomy of pulpitis; clinic, differential	, non- carious lesions of the teeth, periodontal diseases and oral mucosa, take a smear for cytological, bacterioscop	treatment of non-carious lesions of hard dental tissues; methods of treatment of pulpitis, apical periodontitis
		examination results, laboratory, instrumental, pathological and other studies, incl. diagnostic studies using modern technical means and digital technologies, in order to recognize the state or establish the presence or absence of	patients (examination, palpation, percussion, auscultation). The procedure for providing medical care to the adult population with dental diseases The procedure for providing medical care to children with dental diseases	of caries; classificatio n, etiology, pathogenesi s, pathological anatomy of pulpitis; clinic, differential diagnostics,	, non- carious lesions of the teeth, periodontal diseases and oral mucosa, take a smear for cytological, bacterioscop ic ,	treatment of non-carious lesions of hard dental tissues; methods of treatment of pulpitis, apical periodontitis
		examination results, laboratory, instrumental, pathological and other studies, incl. diagnostic studies using modern technical means and digital technologies, in order to recognize the state or establish the presence or absence of a dental disease,	patients (examination, palpation, percussion, auscultation). The procedure for providing medical care to the adult population with dental diseases The procedure for providing medical care to children with dental diseases Clinical guidelines on	of caries; classificatio n, etiology, pathogenesi s, pathological anatomy of pulpitis; clinic, differential diagnostics, methods of	, non-carious lesions of the teeth, periodontal diseases and oral mucosa, take a smear for cytological, bacterioscop ic , bacteriologi	treatment of non-carious lesions of hard dental tissues; methods of treatment of pulpitis, apical periodontitis
		examination results, laboratory, instrumental, pathological and other studies, incl. diagnostic studies using modern technical means and digital technologies, in order to recognize the state or establish the presence or absence of a dental disease, symptoms, syndromes	patients (examination, palpation, percussion, auscultation). The procedure for providing medical care to the adult population with dental diseases The procedure for providing medical care to children with dental diseases Clinical guidelines on the provision of	of caries; classificatio n, etiology, pathogenesi s, pathological anatomy of pulpitis; clinic, differential diagnostics, methods of treatment of	, non-carious lesions of the teeth, periodontal diseases and oral mucosa, take a smear for cytological, bacterioscop ic , bacteriologi cal	treatment of non-carious lesions of hard dental tissues; methods of treatment of pulpitis, apical periodontitis
		examination results, laboratory, instrumental, pathological and other studies, incl. diagnostic studies using modern technical means and digital technologies, in order to recognize the state or establish the presence or absence of a dental disease, symptoms, syndromes of dental diseases, the	patients (examination, palpation, percussion, auscultation). The procedure for providing medical care to the adult population with dental diseases The procedure for providing medical care to children with dental diseases Clinical guidelines on the provision of medical care to	of caries; classificatio n, etiology, pathogenesi s, pathological anatomy of pulpitis; clinic, differential diagnostics, methods of treatment of inflammatio	, non-carious lesions of the teeth, periodontal diseases and oral mucosa, take a smear for cytological, bacterioscop ic , bacteriologi cal examination	treatment of non-carious lesions of hard dental tissues; methods of treatment of pulpitis, apical periodontitis
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		examination results, laboratory, instrumental, pathological and other studies, incl. diagnostic studies using modern technical means and digital technologies, in order to recognize the state or establish the presence or absence of a dental disease, symptoms, syndromes of dental diseases, the establishment of nosological forms in	patients (examination, palpation, percussion, auscultation). The procedure for providing medical care to the adult population with dental diseases The procedure for providing medical care to children with dental diseases Clinical guidelines on the provision of medical care to patients with dental diseases	of caries; classificatio n, etiology, pathogenesi s, pathological anatomy of pulpitis; clinic, differential diagnostics, methods of treatment of inflammatio n of the pulp;	, non-carious lesions of the teeth, periodontal diseases and oral mucosa, take a smear for cytological, bacterioscop ic , bacteriologi cal examination of the contents of	treatment of non-carious lesions of hard dental tissues; methods of treatment of pulpitis, apical periodontitis
		examination results, laboratory, instrumental, pathological and other studies, incl. diagnostic studies using modern technical means and digital technologies, in order to recognize the state or establish the presence or absence of a dental disease, symptoms, syndromes of dental diseases, the establishment of nosological forms in accordance with the	patients (examination, palpation, percussion, auscultation). The procedure for providing medical care to the adult population with dental diseases The procedure for providing medical care to children with dental diseases Clinical guidelines on the provision of medical care to patients with dental diseases Standards of care	of caries; classificatio n, etiology, pathogenesi s, pathological anatomy of pulpitis; clinic, differential diagnostics, methods of treatment of inflammatio n of the pulp; classificatio	, non-carious lesions of the teeth, periodontal diseases and oral mucosa, take a smear for cytological, bacterioscop ic , bacteriological examination of the contents of the pocket;	treatment of non-carious lesions of hard dental tissues; methods of treatment of pulpitis, apical periodontitis
		examination results, laboratory, instrumental, pathological and other studies, incl. diagnostic studies using modern technical means and digital technologies, in order to recognize the state or establish the presence or absence of a dental disease, symptoms, syndromes of dental diseases, the establishment of nosological forms in accordance with the International	patients (examination, palpation, percussion, auscultation). The procedure for providing medical care to the adult population with dental diseases The procedure for providing medical care to children with dental diseases Clinical guidelines on the provision of medical care to patients with dental diseases Standards of care IPK 6.2. Can:	of caries; classificatio n, etiology, pathogenesi s, pathological anatomy of pulpitis; clinic, differential diagnostics, methods of treatment of inflammatio n of the pulp; classificatio n, etiology,	, non-carious lesions of the teeth, periodontal diseases and oral mucosa, take a smear for cytological, bacterioscop ic , bacteriological examination of the contents of the pocket; perform	treatment of non-carious lesions of hard dental tissues; methods of treatment of pulpitis, apical periodontitis
		examination results, laboratory, instrumental, pathological and other studies, incl. diagnostic studies using modern technical means and digital technologies, in order to recognize the state or establish the presence or absence of a dental disease, symptoms, syndromes of dental diseases, the establishment of nosological forms in accordance with the International Statistical	patients (examination, palpation, percussion, auscultation). The procedure for providing medical care to the adult population with dental diseases The procedure for providing medical care to children with dental diseases Clinical guidelines on the provision of medical care to patients with dental diseases Standards of care IPK 6.2. Can: interpret the results of	of caries; classificatio n, etiology, pathogenesi s, pathological anatomy of pulpitis; clinic, differential diagnostics, methods of treatment of inflammatio n of the pulp; classificatio n, etiology, pathogenesi	, non-carious lesions of the teeth, periodontal diseases and oral mucosa, take a smear for cytological, bacterioscop ic , bacteriological examination of the contents of the pocket; perform palpation of	treatment of non-carious lesions of hard dental tissues; methods of treatment of pulpitis, apical periodontitis
		examination results, laboratory, instrumental, pathological and other studies, incl. diagnostic studies using modern technical means and digital technologies, in order to recognize the state or establish the presence or absence of a dental disease, symptoms, syndromes of dental diseases, the establishment of nosological forms in accordance with the International Statistical Classification of	patients (examination, palpation, percussion, auscultation). The procedure for providing medical care to the adult population with dental diseases The procedure for providing medical care to children with dental diseases Clinical guidelines on the provision of medical care to patients with dental diseases Standards of care IPK 6.2. Can: interpret the results of examination,	of caries; classificatio n, etiology, pathogenesi s, pathological anatomy of pulpitis; clinic, differential diagnostics, methods of treatment of inflammatio n of the pulp; classificatio n, etiology, pathogenesi s,	, non-carious lesions of the teeth, periodontal diseases and oral mucosa, take a smear for cytological, bacterioscop ic , bacteriological examination of the contents of the pocket; perform palpation of regional	treatment of non-carious lesions of hard dental tissues; methods of treatment of pulpitis, apical periodontitis
		examination results, laboratory, instrumental, pathological and other studies, incl. diagnostic studies using modern technical means and digital technologies, in order to recognize the state or establish the presence or absence of a dental disease, symptoms, syndromes of dental diseases, the establishment of nosological forms in accordance with the International Statistical Classification of Diseases and Related	patients (examination, palpation, percussion, auscultation). The procedure for providing medical care to the adult population with dental diseases The procedure for providing medical care to children with dental diseases Clinical guidelines on the provision of medical care to patients with dental diseases Standards of care IPK 6.2. Can: interpret the results of examination, laboratory,	of caries; classificatio n, etiology, pathogenesi s, pathological anatomy of pulpitis; clinic, differential diagnostics, methods of treatment of inflammatio n of the pulp; classificatio n, etiology, pathogenesi s, pathological	, non-carious lesions of the teeth, periodontal diseases and oral mucosa, take a smear for cytological, bacterioscop ic , bacteriological examination of the contents of the pocket; perform palpation of regional lymph	treatment of non-carious lesions of hard dental tissues; methods of treatment of pulpitis, apical periodontitis
		examination results, laboratory, instrumental, pathological and other studies, incl. diagnostic studies using modern technical means and digital technologies, in order to recognize the state or establish the presence or absence of a dental disease, symptoms, syndromes of dental diseases, the establishment of nosological forms in accordance with the International Statistical Classification of Diseases and Related Health Problems, and	patients (examination, palpation, percussion, auscultation). The procedure for providing medical care to the adult population with dental diseases The procedure for providing medical care to children with dental diseases Clinical guidelines on the provision of medical care to patients with dental diseases Standards of care IPK 6.2. Can: interpret the results of examination, laboratory, instrumental,	of caries; classificatio n, etiology, pathogenesi s, pathological anatomy of pulpitis; clinic, differential diagnostics, methods of treatment of inflammatio n of the pulp; classificatio n, etiology, pathogenesi s, pathological anatomy of	, non-carious lesions of the teeth, periodontal diseases and oral mucosa, take a smear for cytological, bacterioscop ic , bacteriological examination of the contents of the pocket; perform palpation of regional lymph nodes of the	treatment of non-carious lesions of hard dental tissues; methods of treatment of pulpitis, apical periodontitis
		examination results, laboratory, instrumental, pathological and other studies, incl. diagnostic studies using modern technical means and digital technologies, in order to recognize the state or establish the presence or absence of a dental disease, symptoms, syndromes of dental diseases, the establishment of nosological forms in accordance with the International Statistical Classification of Diseases and Related	patients (examination, palpation, percussion, auscultation). The procedure for providing medical care to the adult population with dental diseases The procedure for providing medical care to children with dental diseases Clinical guidelines on the provision of medical care to patients with dental diseases Standards of care IPK 6.2. Can: interpret the results of examination, laboratory,	of caries; classificatio n, etiology, pathogenesi s, pathological anatomy of pulpitis; clinic, differential diagnostics, methods of treatment of inflammatio n of the pulp; classificatio n, etiology, pathogenesi s, pathological	, non-carious lesions of the teeth, periodontal diseases and oral mucosa, take a smear for cytological, bacterioscop ic , bacteriological examination of the contents of the pocket; perform palpation of regional lymph	treatment of non-carious lesions of hard dental tissues; methods of treatment of pulpitis, apical periodontitis

Ministry of Health of the Russian Federation (Procedure for the provision of medical care, Standard of medical care, Clinical recommendations on the provision of medical care, etc.)

diagnostic studies modern using technical means and digital technologies, in order to recognize the state or establish fact of the presence or absence of dental disease. a symptoms, syndromes of dental diseases, the establishment nosological forms in accordance with the International Statistical Classification of Diseases and Related Health Problems, and regulatory other of documents the Ministry of Health of the Russian Federation (Procedure for the provision of medical care, Standard medical care, Clinical recommendations on the provision medical care, etc.) Develop a plan for the treatment of children and adults with dental diseases in accordance with the procedures for the provision of medical care, clinical guidelines, taking into account the standards of medical care. IPC 6.3 Has practical experience: interpretation of the results of examination, laboratory, instrumental, pathoanatomical and other studies, incl. diagnostic studies using modern technical means and digital technologies, in order to recognize the state or establish fact of the presence or absence of dental disease, symptoms, syndromes of dental diseases, the

establishment

International Statistical

Classification

nosological forms in

accordance with the

of

of

classificatio n, etiology, pathogenesi pathological anatomy of dental lesions non-carious origin. Clinic. differential diagnosis, methods of prevention and treatment of lesions hard tissues of the tooth of noncarious origin; clinic, differential diagnostics, methods of treatment of periodontal inflammatio classificatio n, etiology, pathogenesi pathological anatomy of diseases of the oral mucosa. Clinic. differential diagnosis, methods of prevention and treatment of diseases of the oral mucosa

soft tissues of the face; palpation of the oral mucosa: determine the morphologic al elements of the lesion: probe deep ulcers, fistulas; take material for cytological examination (scrapings, prints); take material for direct microscopy for fungi, fusospiroche tes; to carry out therapeutic measures in case of damage to the oral mucosa with arsenic salts; local treatment of lesions of the mucous membrane removal of plaque, necrotic tissues, washing, irrigation, applications; inject drugs under the elements of the lesion; eliminate local traumatic factors determin e the index of oral hygiene accordin g to Fedorov

Volodki

	1	D: 1 D 1 . 1			
4 PC-7	the ability to determine the factics	Diseases and Related Health Problems, and other regulatory documents of the Ministry of Health of the Russian Federation (Procedure for the provision of medical care, Standard medical care, Clinical recommendations on the provision of medical care, etc.) Development of a treatment plan for children and adults with dental diseases, taking into account the diagnosis, age and clinical picture in accordance with the current procedures for the provision of medical care, clinical recommendations, taking into account the standards of medical care IPC 7.1 Knows: Methods of drug and	clinic,	na , accordin g to Green- Vermilli on; describe radiographs; determine the degree of tooth mobility (I, II , III);	methods of treatment of
	determine the tactics of managing patients with various dental diseases in accordance with the Clinical Guidelines and other regulatory documents of the Ministry of Health of the Russian Federation on an outpatient basis and in a day hospital, taking into account the age of the patient.	Methods of drug and non-drug treatment, medical indications for the use of medical devices for dental diseases Groups of drugs used to provide medical care in the treatment of dental diseases; the mechanism of their action, medical indications and contraindications to the appointment; compatibility, possible complications, side effects, adverse reactions, including serious and unexpected Principles, techniques and methods of anesthesia, selection of the type of local anesthesia in the treatment of dental diseases Ways to prevent or eliminate complications, side effects, adverse reactions, including serious and unforeseen, that occurred during the	differential diagnostics, methods of treatment of inflammatio n of the pulp; periodontal, periodontal and diseases of the oral mucosa, classificatio n, etiology, pathogenesi s, pathological anatomy. Methods of treatment, indications, contraindications to methods of treatment.	carry out a rational method of treating caries, pulpitis, periodontitis , periodontal diseases, oral mucosa, depending on the clinical manifestatio ns and the state of the body as a whole; apply paste for pulp devitalizatio n; open the cavities of all anatomic al groups of teeth, prepare the crowns of intact teeth; remove the pulp after devitalizatio	treatment of non-carious lesions of hard dental tissues; methods of preparation, mechanical and drug treatment and filling of carious cavities; methods of treatment of pulpitis, apical periodontitis and caries, methods of professional hygiene, removal of dental deposits, methods of treatment of diseases of the oral mucosa

examination treatment of patients with diseases of the teeth, pulp, periodontium, periodontium, oral mucosa and lips Materials science. technologies, equipment and medical products used in dentistry Anatomy of the head, maxillofacial region, blood features of supply and innervation; the structure of the teeth; histology and embryology of the oral cavity and teeth, the main violations of embryogenesis IPK 7.2. Able to: Develop a plan for the treatment of children and adults with dental diseases in accordance with the procedures for the provision of medical care, clinical guidelines, taking into account the standards of care Select and prescribe medicines, medical devices (including dental materials), dietary nutrition, medical and recreational regimen for the treatment of children and adults with dental diseases in accordance with the current procedures for provision medical care, clinical recommendations, taking into account the standards of medical care medical Determine indications and contraindications for local anesthesia techniques in the maxillofacial region Perform local anesthesia (application, infiltration, conduction) in children and adults with dental diseases

n from the root canal; to carry out instrumental drug treatment of the root canal. drying, determining the degree of its patency; seal root canals with pastes and sealants without using and using pins; remove fragments of instruments from the root canal; carry out the removal of supra- and subgingival dental deposits, applications on the oral mucosa, blockade under the elements of the lesion take a smear for cytological, bacterioscop ic bacteriologi cal examination of the contents of the pocket; perform palpation of regional lymph nodes of the facial skeleton, soft tissues of the face; palpation of the oral mucosa: determine the morphologic al elements

Perform medical interventions, including therapeutic ones, in children and adults with dental diseases on an outpatient basis (excluding repeated endodontic treatment): - individual training in dental and oral hygiene, selection of means and items for oral hygiene - controlled brushing of teeth - professional oral and dental hygiene - injection of drugs in the maxillofacial area - local application of remineralizing drugs in the area of the tooth - deep fluoridation of tooth enamel - sealing the fissure of the tooth with a sealant - professional teeth whitening - grinding of hard tissues of the tooth - restoration of a tooth with a filling using dental cements, chemical curing materials, photopolymers - restoration of teeth with a violation of the contact point - tooth restoration with filling material using anchor pins of application devitalizing paste pulpotomy (amputation of the coronal pulp) - pulp extirpation - instrumental and medical treatment of a well-passable canal - temporary filling of the root canal with a - filling the root canal of the tooth with paste, gutta-percha pins removal of supragingival and

subgingival plaque in the tooth area (manual

of the lesion; probe deep ulcers, fistulas; take material for cytological examination (scrapings, prints); take material for direct microscopy for fungi, fusospiroche tes; to carry out therapeutic measures in case of damage to the oral mucosa with arsenic salts; local treatment of lesions the mucous membrane removal of plaque, necrotic tissues, washing, irrigation, applications; inject drugs under the elements of the lesion; eliminate local traumatic factors

method)		
- ultrasonic removal of		
supragingival and		
subgingival dental		
deposits in the tooth		
area		
- closed curettage for		
periodontal diseases in		
the tooth area		
- application of a		
medical dressing for		
periodontal diseases in		
the area of one jaw		
- prescription of drug		
therapy for diseases of		
the oral cavity and		
teeth		
- appointment of		
dietary therapy for		
diseases of the oral		
cavity and teeth		
Perform medical		
interventions,		
including surgical		
ones, in children and		
adults with dental		
diseases on an		
outpatient basis		
(excluding the		
extraction of impacted		
and dystopic teeth):		
- removal of a tooth		
- removal of a		
temporary tooth		
- permanent tooth		
extraction		
- opening and		
drainage of		
odontogenic abscess		
Carry out phased		
sanitation of the oral		
cavity (excluding		
sanitation of the oral		
cavity in children		
under anesthesia)		
Perform medical		
interventions,		
including orthopedic,		
in adults with dental		
diseases on an		
outpatient basis		
(excluding prosthetics		
on dental implants,		
technologies for		
automated production		
of orthopedic		
structures, complete		
removable lamellar		
and clasp dentures):		
- obtaining anatomical		
and functional		
impressions		
- restoration of a tooth		
with a crown		
- restoration of the		

integrity of the		
dentition with fixed		
bridges		
- prosthetics with		
partial removable		
lamellar dentures		
- correction of a		
removable orthopedic		
structure		
- removal of a fixed		
orthopedic structure		
Interpret the results of		
X-ray studies of the		
maxillofacial region		
Conduct counseling		
for children and adults		
with diseases of the		
mucous membranes of		
the mouth and lips, determine indications		
for referral for a		
consultation with		
specialist doctors		
Prevent or eliminate		
complications, side		
effects, adverse		
reactions, including		
unforeseen ones,		
resulting from		
diagnostic or		
therapeutic		
manipulations, the use		
of drugs and (or)		
medical devices, non-		
drug treatment IPC 7.3 Has practical		
experience:		
Selection and		
prescription of		
medicines, medical		
devices (including		
dental materials) for		
the treatment of dental		
diseases in children		
and adults in		
accordance with the		
current procedures for		
the provision of		
medical care, clinical guidelines, taking into		
account the standards		
of medical care		
Prescribing dietary		
nutrition, health-		
improving regimen in		
the treatment of dental		
diseases in children		
and adults in		
accordance with the		
current procedures for		
the provision of		
medical care, clinical		
recommendations,		
taking into account the		
standards of medical		

care Performing medical interventions in children and adults with dental diseases in accordance with the current procedures for provision the medical care, clinical guidelines, taking into account the standards of medical care Evaluation of the results of medical interventions in children and adults with dental diseases Selection of the type and conduct of local anesthesia (application, infiltration, conduction) in children and adults with dental diseases Evaluation of the efficacy and safety of the use of drugs, medical devices and non-drug treatment in children and adults with dental diseases Counseling children adults with and the diseases of mucous membranes of the mouth and lips, determining indications for referral for a consultation with specialist doctors Selection and of prescription medicines and medical devices, taking into account the diagnosis, age and clinical picture of a dental disease in accordance with the procedures for providing medical clinical care, recommendations, taking into account the standards of medical care Definitions of routes administration, regimen and dosage of drugs Selection and prescription of nondrug treatment for children and adults with dental diseases in

					T	T
			accordance with the			
			procedures for			
			providing medical care, clinical			
			care, clinical guidelines, taking into			
			account the standards			
			of medical care			
			Prevention and treatment of			
			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			
1			appointment			
1			Providing medical			
1			care to children and			
			adults with sudden			
			acute diseases,			
			conditions,			
			exacerbation of			
			chronic diseases			
			without obvious signs			
			of a threat to the life			
			of the patient in an			
			emergency form			
			The use of medicines			
			and medical devices in			
			the provision of			
			medical care in an			
	DG 10	****	emergency form	G 1 16		36.1.1.0
5	PC-12	willingness to	IPC 12.1 Knows:	Scientific	Analyze	Methods of
		participate in scientific		literature,	scientific	medical
		research, analysis and		educational	literature	statistics,
		public presentation of		and	and	determination
		medical information		methodical	statistical	of the Student's
1		based on evidence-		publications	reviews,	criterion, non-
1		based medicine and to		, scientific	conduct	parametric
1		participate in the	,	journals and	statistical	methods,
1		implementation of new		collections	analysis,	comparison of
1		methods and	1	of works.	present the	independent
		techniques aimed at		Methods of	resulting	and dependent
1		protecting public health	1 1	medical	statistics,	groups,
1		and reducing dental		statistics.	and interpret	methods for
1		morbidity.	IPC 12.2 Can:		them.	describing
			Search for medical			qualitative
			information based on			features.
			evidence-based			
			medicine;			
			interpret the data of			
			scientific publications;			
			critically evaluate			
			modern methods of			
			diagnosis, prevention			
			and treatment of			
		l l				
			diseases from the			
			perspective of			

justify your	choice of	
methods	for	
diagnosing,	preventing	
and treating	ng dental	
diseases;		
prepare a p	resentation	
for the	public	
presentation	-	
medical ir		
the results of	*	
research		
IPC 12.3 Ha	as practical	
experience:	practical	
Developmen	nt of	
algorithms	for	
examination		
treatment		

medical i	nformation	
based on	evidence-	
based medic	ine;	
partial parti	cipation in	
scientific re		
and child dental dis accordance principles or based medical search interpretation medical in based on based medical partial pa	ren with beases in with the f evidence- cine; and n of information evidence- cine; entation of information evidence- cine; centation in	

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

The total complexity of the discipline is 2 credits . units (72 academic hours)

Type of study work	Labor i	ntensity	Labor intensity by		ty by
	volume in	volume in	semesters (ACH		CH)
	credit	academic	6	7	10
	units (CU)	hours			
		(AH)			
classroom work, including	2	72			72
Lectures (L)		10			10
Laboratory workshops (LP)					
Practical exercises (PE)					
Clinical Practice (CPP)		34			34
Seminars (C)					
Student Independent Work (SIW)		28			28
Intermediate certification				·	
test/exam (specify type)	exam				
TOTAL	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
1.	UC-1,	carious lesions of hard tissues of teeth, periodontal diseases	Etiology, pathogenesis, pathological anatomy, clinic, diagnostics, differential diagnostics, methods of caries treatment and prevention; pulpitis, periodontitis, non-carious lesions of

	PC-2	treatment of diseases of hard	hard dental tissues, periodontal diseases and
		tissues of teeth in patients of	oral mucosa
		different ages	
2.	PC-6, PC-7, PC-12	*	clinic, diagnostics, differential diagnostics, methods of caries treatment and prevention; pulpitis, periodontitis, non-carious lesions of hard dental tissues, periodontal diseases and