## Summary of the working program of the academic discipline

# <u>«Non-carious lesions of hard dental tissues»</u> (name of the academic discipline)

General Educational Program of higher education (specialist's degree programs)

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 (UK-1).

The 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).

The ability to determine the tactics of managing patients with various dental diseases in accordance with the Clinical recommendations 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 (PC-7).

Willingness to participate in scientific research, analysis and public presentation of medical information based on evidence-based medicine and to participate in the introduction 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 "Non-carious diseases of hard tissues" of teeth refers to the mandatory part of Block 1 of the PEP VO, is assessed in the 6th 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. Somatic diseases.

Skills - to identify the presence of inflammation, allergic reactions, tumors, general somatic diseases.

Skills - to determine the severity and severity of the process

**2.2.2**. Pathological anatomy.

Knowledge - Inflammation. Necrosis. Regeneration. Injuries.

Skills - to carry out diagnostic measures, probing, palpation, determining the viability of the pulp; 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 that occurred before and after teething.

Skills - write prescriptions for drugs for remineralizing therapy.

**2.3.** 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

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

prote	osionai (Oi	C) of/allu professional (	(1 C) competencies	•			
	Compata	The content of the	Code and name of	As a result of mastering the discipline, the students should:			
№	Compete nce code	competence (or its part)	the competence acquisition metric	know	be able to	possess	
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; Competently, logically, reasonably form their own judgments and assessments.	Practical skills of searching, analyzing and synthesizing information.	
2	PC-2	the ability and willingness to conduct preventive medical	IPC 2.1 Knows: Normative legal acts regulating the	pathological anatomy, clinic,	prescribe and conduct training in	methods of preparation, mechanical and	
		examinations, medical examinations of various categories of citizens and the implementation	procedures for conducting preventive medical examinations and medical	differential diagnosis, methods of treatment and	rational oral hygiene; carry out therapeutic	drug treatment and filling of carious cavities; remotherapy	
		of dispensary observation of patients with dental pathology	examinations The main criteria for a healthy lifestyle and	prevention of caries; pulpitis,	measures for enamel remineralizati	techniques; methods of mechanical and	
			methods for its formation	periodontitis, periodontal	on in order to prevent and	drug treatment of root canals;	

Socio-hygienic and medical of aspects alcoholism, drug addiction, substance abuse, the basic principles of their prevention Forms and methods of sanitary and hygienic education among 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** of 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 form a healthy lifestyle and prevent dental diseases To form in children and adults (their legal representatives) behavior aimed at and maintaining improving the level of somatic and dental health Develop and implement healthy lifestyle programs, including reduce programs to tobacco alcohol and consumption, prevent and combat the nonmedical use of narcotic treat caries and noncarious lesions of the teeth; carry out comprehensi ve measures for the prevention 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 therapeutic manipulation s to eliminate complication s associated with the treatment of caries and its complication remove s; dental deposits:

plaque,

supra-

teeth

tartar

removal

subgingival

tartar; polish

and

after

diseases and

oral mucosa;

methods and

means used

examination,

depending on

dental

dispensary

the

in

medical

groups

disease

the

root canal filling techniques; of methods treatment of periodontal diseases: 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; methods of treatment of pulpitis, apical periodontitis and caries; methods of professional oral hygiene; fissure sealing techniques.

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

population, taking into account age Prescribing preventive measures for children and adults with dental diseases, taking into account risk factors, oncological and hygienic prevention in accordance with the procedures for providing medical care, clinical recommendations, taking into account the standards of medical care	
Prescribing preventive measures for children and adults with dental diseases, taking into account risk factors, oncological and hygienic prevention in accordance with the procedures for providing medical care, clinical recommendations, taking into account the standards of medical care	
measures for children and adults with dental diseases, taking into account risk factors, oncological and hygienic prevention in accordance with the procedures for providing medical care, clinical recommendations, taking into account the standards of medical care	
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procedures for providing medical care, clinical recommendations, taking into account the standards of medical care	
medical care, clinical recommendations, taking into account the standards of medical care	
recommendations, taking into account the standards of medical care	
taking into account the standards of medical care	
standards of medical care	
care	
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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 and The methodology for anatomy, examination treatment	of
other information from collecting complaints clinic, of patients in periodontal	OI
the patient and anamnesis from differential 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 and pulpitis, diseases of	-
interpretation of examination of patients prevention of periodontitis, oral mucosa	
examination results, (examination, palpation, caries; non-carious methods	of
laboratory, instrumental, percussion, classification, lesions of the treatment	of
pathological and other auscultation).	
studies, incl. diagnostic The procedure for pathogenesis, periodontal lesions of	
studies using modern providing medical care pathological diseases and dental tissu	
technical means and to the adult population anatomy of oral mucosa, methods	of
digital technologies, in with dental diseases pulpitis; take a smear treatment	of
	pical
state or establish the providing medical care differential cytological, periodontiti	-
presence or absence of a to children with dental diagnostics, bacterioscopi and caries	
dental disease, diseases methods of c,	
symptoms, syndromes Clinical guidelines on treatment of bacteriologic	
of dental diseases, the the provision of medical inflammation al	
establishment of care to patients with of the pulp; examination	
nosological forms in dental diseases classification, of the	
accordance with the Standards of care etiology, contents of	
International Statistical IPK 6.2. Able to: pathogenesis, the pocket;	
Classification of interpret the results of pathological perform	
Diseases and Related examination, laboratory, anatomy of palpation of	
Health Problems, and instrumental, periodontitis; regional	
other regulatory pathological and other classification, lymph nodes	
documents of the studies, incl. diagnostic etiology, of the facial	
Ministry of Health of studies using modern pathogenesis, skeleton, soft	
the Russian Federation technical means and pathological tissues of the	
(Procedure for the digital technologies, in anatomy of face;	
provision of medical order to recognize the dental lesions palpation of	
care, Standard of state or establish the of non- the oral	
medical care, Clinical presence or absence of a carious mucosa;	

recommendations on the provision of medical care, etc.)

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

origin. Clinic, differential diagnosis, methods of prevention and treatment of lesions of hard tissues of the tooth of noncarious origin; clinic, differential diagnostics, methods treatment of periodontal inflammation classification, etiology, pathogenesis, pathological anatomy of diseases of the oral mucosa. Clinic. differential diagnosis, of methods prevention and treatment

of diseases of

the

mucosa

determine the morphologica l elements of the lesion; probe deep ulcers, fistulas; take material for cytological examination (scrapings, prints); take material for direct microscopy for fungi, fusospirochet es; 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 determine the index of oral hygiene according to Fedorov -Volodkina, according to Green-Vermillion; describe radiographs; determine the degree of tooth mobility (I, II, III);

			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			
4	PC-7	the ability to determine		clinic,	choose and	methods of
'	107	the tactics of managing		differential	carry out a	treatment of
		patients with various	<u> </u>	diagnostics,	rational	non-carious
		dental diseases in	medical indications for	methods of	method of	lesions of hard
		accordance with the	the use of medical	treatment of	treating	dental tissues;
		Clinical Guidelines and		inflammation	caries,	methods of
		other regulatory		of the pulp;	pulpitis,	preparation,
		documents of the		periodontal,	periodontitis,	mechanical and
		Ministry of Health of the	provide medical care in	periodontal	periodontal	drug treatment
		Russian Federation on an	1	and diseases	diseases, oral	and filling of
		outpatient basis and in a		of the oral	mucosa,	carious cavities;
		day hospital, taking into	of their action, medical	mucosa,	depending on	methods of
		account the age of the	indications and	classification,	the clinical	treatment of
		patient.	contraindications to the	etiology,	manifestation	pulpitis, apical
			appointment;	pathogenesis,	s and the	periodontitis
			compatibility, possible	pathological	state of the	and caries,
			complications, side	anatomy.	body as a	methods of
			effects, adverse	Methods of	whole; apply	professional
			reactions, including	treatment,	paste for pulp	hygiene,
			serious and unexpected	indications,	devitalization	removal of
			Principles, techniques	contraindicati	;	dental deposits,
			and methods of	ons to	open the	methods of
			anesthesia, selection of	methods of	cavities of all	treatment of
			the type of local	treatment.	anatomical	diseases of the
			anesthesia in the treatment of dental		groups of	oral mucosa
					teeth, prepare	
			diseases Ways to prevent or		the crowns of intact teeth;	
			eliminate complications,		remove the	
			side effects, adverse		pulp after	
			reactions, including		devitalization	
			serious and unforeseen,		from the root	
			that occurred during the		canal;	
			examination or		to carry out	
			treatment of patients		instrumental,	
			with diseases of the		drug	
			teeth, pulp,		treatment of	
			periodontium,		the root	
			periodontium, oral		canal, its	
			mucosa and lips		drying,	
			Materials science,		determining	
			technologies, equipment		the degree of	
			and medical products		its patency;	
			used in dentistry		seal root	
			Anatomy of the head,		canals with	
			maxillofacial region,		pastes and	
			features of blood supply		sealants	
			and innervation; the		without using	
			structure of the teeth;		and using	
1			histology and		pins;	

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 the provision of medical care, clinical recommendations, taking into account the standards of medical care Determine medical indications and contraindications for local anesthesia techniques in maxillofacial region Perform local anesthesia (application, infiltration, conduction) in children and adults with dental diseases Perform medical interventions, including therapeutic ones, in children and adults with dental diseases on an outpatient basis (excluding repeated endodontic treatment): - individual training in oral and dental 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 preparations in the area of the tooth - deep fluoridation of

remove fragments of instruments from the root canal; carry out the removal of supraand subgingival dental deposits, applications on the oral mucosa, blockade under the elements of the lesion take a smear for cytological, bacterioscopi bacteriologic examination οf contents the pocket; perform palpation of regional lymph nodes of the facial skeleton, soft tissues of the face; palpation of the oral mucosa; determine the morphologica 1 elements of the lesion: probe deep ulcers, fistulas; take material for cytological examination (scrapings, prints); take material for direct microscopy for fungi, fusospirochet es; to carry out therapeutic measures in of case damage to the oral mucosa with

tooth enamel arsenic salts; - sealing the fissure of local the tooth with a sealant treatment of professional teeth lesions of the whitening mucous grinding of hard membrane tissues of the tooth removal - restoration of a tooth plaque, with a filling using necrotic dental cements, tissues, chemical washing, curing materials, irrigation, photopolymers applications; - restoration of teeth inject drugs with a violation of the under the contact point elements of - tooth restoration with the lesion; filling material using eliminate anchor pins local application traumatic devitalizing paste factors pulpotomy (amputation of the coronal pulp) - pulp extirpation instrumental and medical treatment of a well-passable root canal - temporary filling of the root canal with a drug - filling the root canal of the tooth with paste, gutta-percha pins removal of supragingival and subgingival plaque in the tooth area (manual 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, 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 too	th	
extraction		
- opening and draina		
of odontogenic abscess Carry out phase		
sanitation of the or		
cavity (excluding		
sanitation of the or	0	
cavity in children und	er	
anesthesia)		
Perform medic		
interventions, including	_	
orthopedic, in adu		
with dental diseases of an outpatient base	_	
an outpatient bas (excluding prostheti		
on dental implan		
1	or	
automated production	of	
orthopedic structure	es,	
complete removab		
lamellar and cla	sp	
dentures): - obtaining anatomic	o1	
and function		
impressions		
- restoration of a too	th	
with a crown		
	ne	
integrity of the dentition	on	
with fixed bridges - prosthetics with parti	a1	
removable lamell		
dentures		
- correction of	a	
removable orthoped	ic	
structure		
- removal of a fixe	ed	
orthopedic structure	of	
Interpret the results X-ray studies of the		
maxillofacial region		
Conduct counseling f	or	
children and adults wi		
diseases of the muco		
membranes of the mou		
and lips, determine		
indications for referr for a consultation wi		
specialist doctors		
Prevent or eliminate		
donkeypain, side effect	s,	
adverse reactions,		
including unexpected		
ones, resulting from	.	
diagnostic or therapeut	ıc	
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, healthimproving 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 the provision of 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 and adults with diseases of the mucous membranes of the mouth and lips, determining indications for referral for a consultation with specialist doctors

			Selection and			
			prescription of			
			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 care, clinical			
			-			
			recommendations,			
			taking into account the			
			standards of medical			
			care			
			Definitions of routes of			
			administration, regimen			
			and dosage of drugs			
			Selection and			
			prescription of non-drug			
			treatment for children			
			and adults with dental			
			diseases in accordance			
			with the procedures for			
			providing medical care,			
			clinical guidelines,			
			taking into account the			
			standards of medical			
			care			
			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			
			Providing medical 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 emergency			
			form			
5	PC-12	willingness to participate		Scientific	Analyze	Methods of
	1 0 12	in scientific research,		literature,	scientific	medical
				· ·		
		analysis and public		educational	literature and	statistics,
		presentation of medical		and	statistical	determination of
		information based on		methodical	reviews,	the Student's
		evidence-based medicine		publications,	conduct	criterion, non-
		and to participate in the		scientific	statistical	parametric
		implementation of new	medicine; methods and	journals and	analysis,	methods,
		methods and techniques	forms of public	collections of	present the	comparison of
		aimed at protecting	-	works.	resulting	independent and
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	public	health		information; basic	Methods of	· · · · · · · · · · · · · · · · · · ·	dependent
	reducing		dental	principles of medical	medical	interpret	groups, methods
	morbidity.			research	statistics.	them.	for describing
				IPC 12.2 Can:			qualitative
				Search for medical			features.
				information based on			
				evidence-based			
				medicine;			
				interpret the data of			
				scientific publications;			
				critically evaluate			
				modern methods of			
				diagnosis, prevention			
				-			
				perspective of evidence-			
				based medicine;			
				justify your choice of			
				methods for diagnosing,			
				preventing and treating			
				dental diseases;			
				prepare a presentation			
				for the public			
				presentation of medical			
				information, the results			
				of scientific research			
				IPC 12.3 Has practical			
				experience:			
				Development of			
				algorithms for			
				examination and			
				treatment of adults and			
				children with dental			
				diseases in accordance			
				with the principles of			
				evidence-based			
				medicine;			
				search and interpretation			
				of medical information			
				based on evidence-based			
				medicine;			
				public presentation of			
				medical information			
				based on evidence-based			
				medicine;			
				partial participation in			
				scientific research			
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# **4.** Volume of the academic discipline and types of academic work Total labor intensity of the discipline is 3 CU (108 AH)

Type of educational work	Labor	Labor intensity			Labor intensity (AH) in		
	volume in	volume in	semesters				
	credit units (CU)	academic hours (AH)	6	7	10		
Classroom work, including	3	108	108				
Lectures (L)		14	14				
Laboratory practicum (LP)*							
Practicals (P)							
Seminars (S)		52	52				
Student's individual work (SIW)							
Mid-term assessment		42	42				
credit/exam (specify the type)							
TOTAL LABOR INTENSITY	offset						

Classroom work, including	3	108	108	

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

п/№	Competenc e code	Section name of the discipline	The content of the section in didactic units
1.	UC-1, PC-2,	Prevention of caries; non-carious lesions of hard tissues of teeth, periodontal diseases and oral mucosa.	Etiology, pathogenesis, pathological anatomy, clinic, diagnostics, differential diagnostics, methods of caries treatment and prevention; pulpitis, periodontitis, non-carious lesions of hard dental tissues, periodontal diseases and oral mucosa
2.	PC -6, PC-7, PC-12	Diagnosis of caries; pulpitis, periodontitis, non-carious lesions of hard dental tissues, periodontal diseases and oral mucosa.	Etiology, pathogenesis, pathological anatomy, clinic, diagnostics, differential diagnostics, methods of caries treatment and prevention; pulpitis, periodontitis, non-carious lesions of hard dental tissues, periodontal diseases and oral mucosa