Summary of the working program of the academic discipline

« ORTHOPEDIC DENTISTRY »

General Educational Program of higher education 31.05.03 *Dentistry* Department: **orthopedic dentistry and orthodontics**

1. The purpose of mastering the discipline (participation in the formation of relevant competencies – specify the codes): UC – 1, UPC – 5, PC – 6, PC – 7. To familiarize students with the principles of organization and operation of the orthopedic dentistry clinic and dental laboratory; to teach the peculiarities of examination of patients with defects and deformities of teeth and dentition, periodontal and TMJ diseases, deformities and defects of the maxillofacial region, pathological conditions of the dental system associated with the anomaly of the development of the dental system; to teach the basics of diagnosis and planning of orthopedic treatment; to teach students the methods of conducting the clinical stages of manufacturing fixed and removable denture structures; to familiarize students with the laboratory stages of manufacturing various fixed and removable dentures; to familiarize with possible complications in orthopedic treatment with fixed and removable dentures and methods of their elimination and prevention.

The objectives of mastering the discipline are also to master the necessary stock of theoretical knowledge and practical skills, the ability to use them in the treatment of patients, knowledge of the fundamental and organizational principles of orthopedic dentistry, dental materials science and dental prosthetic technology, prevention measures and recognition of major dental diseases, possession of clinical methods of treatment of orthopedic patients.

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

2.1. The discipline of orthopedic dentistry refers to the core part of Block 1 of the General Educational Program of Higher Education (GEP HE) of the organization. The discipline is studied in the fourth, fifth, sixth, seventh, eighth, ninth and tenth semesters.

Orthopedic dentistry is a profile discipline of paramount importance. The main task of the Department of Orthopedic Dentistry is the theoretical and practical training of a doctor capable of solving issues of prevention, diagnosis and treatment of dental diseases. The general preventive orientation of the orthopedic dentist will be most fully disclosed to the student during the general medical examination of the population, which allows you to get acquainted with all dental diseases, their local and general treatment, preventive manipulations, as well as recommendations and tips that certainly accompany the therapeutic and preventive activities of the doctor.

Based on the knowledge gained by the student at the general clinical, general biological, dental departments and the Department of Children's Diseases, to teach students the peculiarities of prevention, clinic, diagnosis and treatment of dental diseases. To prepare a doctor who is able to work in a medical and preventive institution after the internship.

Orthopedic dentistry includes such a volume of theoretical material and practical skills that allows you to observe the principle of continuity of clinical training in the main sections of the discipline (prevention, therapy, orthodontics, surgery) and related specialties, providing an opportunity to teach, treat, study and put into practice new methods of prevention, treatment and medical examination.

Orthopedic dentistry is used in the formation of the content of the final state certification in the specialty dentistry.

3. Deliverables of mastering the academic discipline and metrics of competence acquisition ${\bf r}$

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

p/n	Code compet	The content of the competence	Code and name of the competence achievement indicator	As a result of studying the discipline, students should:		e discipline,
0.	encies	(or part of it)		To know	Be able to	Possess
1.	UC-1	He is able to carry out a critical analysis of problem situations based on a systematic approach, to develop a strategy of actions	IUC 1.1 Knows: methods of critical analysis and evaluation of modern scientific achievements; basic principles of critical analysis IUC 1.2 is able to: acquire 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 actions, experiment and experience IUC 1.3 Has practical experience: research of the problem of professional activity with the use of analysis, synthesis and other methods of intellectual activity; development of an action strategy for solving professional problems	Methods of informatio n analysis and synthesis.	Think abstractly , analyze and synthesiz e informati on.	Abstract thinking, analysis and synthesis of the received information.
2.	GPC - 5	Able to conduct a patient examination in order to establish a diagnosis when solving professional tasks.	IGPC 5.1 Knows the methodology of collecting anamnesis of life and diseases, complaints in children and adults (their legal representatives); the methodology of examination and physical examination; clinical picture, methods of diagnosis of the most common diseases; methods of laboratory and instrumental studies to assess the state of health, medical indications for research, rules for interpreting their results; international statistical classification diseases and health-related problems (ICD); conditions requiring urgent medical care IGPC 5.2 is able to: collect complaints, anamnesis of life and disease in children and adults (their legal representatives), identify risk factors and causes of diseases; apply methods of examination and physical		Be aware of disciplinar y, administra tive, civil and criminal liability.	Ability and willingness to analyze the results of their own activities to prevent medical errors.

examination of children and adults; interpret the results of examination and physical examination of children and adults; diagnose the most common pathology in children and adults; identify risk factors oncological diseases; formulate a preliminary diagnosis, make a plan for laboratory, instrumental additional studies in children and adults in accordance with the procedures for providing medical care, clinical recommendations, taking into account the standards of medical care; send children and adults to laboratory, instrumental additional and studies in accordance with the current procedures for providing dental medical care, clinical recommendations, taking into account the standards of medical care; refer children and adults for consultations with specialist doctors in accordance with the procedures for providing medical care, clinical recommendations, taking into account the standards of medical care; interpret and analyze the results of consultations by specialist doctors of children and adults; interpret and analyze the results of basic (clinical) and additional (laboratory, instrumental) examination methods; to carry out differential diagnosis of diseases in children and adults; to identify clinical signs of sudden acute diseases, conditions, exacerbations of chronic diseases without obvious signs of lifethreatening, requiring urgent medical care **IGPC** 5.3 Has practical collecting experience in: complaints, anamnesis of life and disease in children and adults legal representatives), (their identifying risk factors and causes of diseases; examination and physical examination of children and adults; diagnosis of

the most common diseases in

			children and adults; identification			
			of risk factors for major			
			oncological diseases; formulation			
			of a preliminary diagnosis,			
			drawing up a plan for			
			instrumental, laboratory,			
			additional studies, consultations			
			of specialist doctors; referral of			
			patients to instrumental,			
			laboratory, additional studies,			
			consultations of specialist			
			doctors in accordance with the			
			current procedures for providing			
			medical care, clinical			
			recommendations, taking into			
			account the standards of medical			
			care; interpretation of data from			
			additional (laboratory and			
			instrumental) examinations of			
			patients; setting a preliminary			
			diagnosis in accordance with the			
			international statistical			
			classification of diseases and			
			health-related problems (ICD);			
			differential diagnosis of diseases;			
			recognition of conditions arising			
			from sudden acute diseases,			
			exacerbation of chronic diseases			
			without obvious signs of a threat			
			to the patient's life and requiring			
			urgent medical care			
3.	PC -6	Readiness to	IPC 6.1 Knows:	Internation	Apply	The
J.	FC -0	Readilless to	If C 0.1 Kilows.	Internation	Appry	1110
		collect applying	The methodology of collecting	o1		mathodology
		collect, analyze	The methodology of collecting	al Statistical	the	methodology for determining
		complaints and	complaints and anamnesis from	Statistical	the Internatio	for determining
		complaints and other	complaints and anamnesis from patients (their legal	Statistical Classificat	the Internatio nal	for determining the main
		complaints and other information from	complaints and anamnesis from patients (their legal representatives).	Statistical Classificat ion of	the Internatio nal Statistica	for determining the main pathological
		complaints and other information from the patient	complaints and anamnesis from patients (their legal representatives). Methods of physical examination	Statistical Classificat	the Internatio nal Statistica	for determining the main pathological conditions and
		complaints and other information from the patient (relatives/ legal	complaints and anamnesis from patients (their legal representatives). Methods of physical examination of patients (examination,	Statistical Classificat ion of	the Internatio nal Statistica l Classific	for determining the main pathological conditions and syndromes in
		complaints and other information from the patient (relatives/ legal representatives),	complaints and anamnesis from patients (their legal representatives). Methods of physical examination of patients (examination, palpation, percussion,	Statistical Classificat ion of	the Internatio nal Statistica I Classific ation of	for determining the main pathological conditions and syndromes in patients in
		complaints and other information from the patient (relatives/ legal representatives), his anamnesis	complaints and anamnesis from patients (their legal representatives). Methods of physical examination of patients (examination, palpation, percussion, auscultation).	Statistical Classificat ion of	the Internatio nal Statistica l Classific	for determining the main pathological conditions and syndromes in patients in accordance
		complaints and other information from the patient (relatives/ legal representatives), his anamnesis data,	complaints and anamnesis from patients (their legal representatives). Methods of physical examination of patients (examination, palpation, percussion, auscultation). The procedure for providing	Statistical Classificat ion of	the Internatio nal Statistica I Classific ation of	for determining the main pathological conditions and syndromes in patients in accordance with the
		complaints and other information from the patient (relatives/ legal representatives), his anamnesis data, interpretation of	complaints and anamnesis from patients (their legal representatives). Methods of physical examination of patients (examination, palpation, percussion, auscultation). The procedure for providing medical care to adults with dental	Statistical Classificat ion of	the Internatio nal Statistica I Classific ation of	for determining the main pathological conditions and syndromes in patients in accordance with the International
		complaints and other information from the patient (relatives/ legal representatives), his anamnesis data, interpretation of examination	complaints and anamnesis from patients (their legal representatives). Methods of physical examination of patients (examination, palpation, percussion, auscultation). The procedure for providing medical care to adults with dental diseases	Statistical Classificat ion of	the Internatio nal Statistica I Classific ation of	for determining the main pathological conditions and syndromes in patients in accordance with the International Statistical
		complaints and other information from the patient (relatives/ legal representatives), his anamnesis data, interpretation of examination results,	complaints and anamnesis from patients (their legal representatives). Methods of physical examination of patients (examination, palpation, percussion, auscultation). The procedure for providing medical care to adults with dental diseases The procedure for providing	Statistical Classificat ion of	the Internatio nal Statistica I Classific ation of	for determining the main pathological conditions and syndromes in patients in accordance with the International Statistical Classification
		complaints and other information from the patient (relatives/ legal representatives), his anamnesis data, interpretation of examination results, laboratory,	complaints and anamnesis from patients (their legal representatives). Methods of physical examination of patients (examination, palpation, percussion, auscultation). The procedure for providing medical care to adults with dental diseases The procedure for providing medical care to children with	Statistical Classificat ion of	the Internatio nal Statistica I Classific ation of	for determining the main pathological conditions and syndromes in patients in accordance with the International Statistical
		complaints and other information from the patient (relatives/ legal representatives), his anamnesis data, interpretation of examination results, laboratory, instrumental,	complaints and anamnesis from patients (their legal representatives). Methods of physical examination of patients (examination, palpation, percussion, auscultation). The procedure for providing medical care to adults with dental diseases The procedure for providing medical care to children with dental diseases	Statistical Classificat ion of	the Internatio nal Statistica I Classific ation of	for determining the main pathological conditions and syndromes in patients in accordance with the International Statistical Classification
		complaints and other information from the patient (relatives/ legal representatives), his anamnesis data, interpretation of examination results, laboratory, instrumental, pathoanatomic	complaints and anamnesis from patients (their legal representatives). Methods of physical examination of patients (examination, palpation, percussion, auscultation). The procedure for providing medical care to adults with dental diseases The procedure for providing medical care to children with dental diseases Clinical recommendations on the	Statistical Classificat ion of	the Internatio nal Statistica I Classific ation of	for determining the main pathological conditions and syndromes in patients in accordance with the International Statistical Classification
		complaints and other information from the patient (relatives/ legal representatives), his anamnesis data, interpretation of examination results, laboratory, instrumental, pathoanatomic and other	complaints and anamnesis from patients (their legal representatives). Methods of physical examination of patients (examination, palpation, percussion, auscultation). The procedure for providing medical care to adults with dental diseases The procedure for providing medical care to children with dental diseases Clinical recommendations on the provision of medical care to	Statistical Classificat ion of	the Internatio nal Statistica I Classific ation of	for determining the main pathological conditions and syndromes in patients in accordance with the International Statistical Classification
		complaints and other information from the patient (relatives/ legal representatives), his anamnesis data, interpretation of examination results, laboratory, instrumental, pathoanatomic and other studies,	complaints and anamnesis from patients (their legal representatives). Methods of physical examination of patients (examination, palpation, percussion, auscultation). The procedure for providing medical care to adults with dental diseases The procedure for providing medical care to children with dental diseases Clinical recommendations on the provision of medical care to patients with dental diseases	Statistical Classificat ion of	the Internatio nal Statistica I Classific ation of	for determining the main pathological conditions and syndromes in patients in accordance with the International Statistical Classification
		complaints and other information from the patient (relatives/ legal representatives), his anamnesis data, interpretation of examination results, laboratory, instrumental, pathoanatomic and other studies, including	complaints and anamnesis from patients (their legal representatives). Methods of physical examination of patients (examination, palpation, percussion, auscultation). The procedure for providing medical care to adults with dental diseases The procedure for providing medical care to children with dental diseases Clinical recommendations on the provision of medical care to patients with dental diseases Standards of medical care	Statistical Classificat ion of	the Internatio nal Statistica I Classific ation of	for determining the main pathological conditions and syndromes in patients in accordance with the International Statistical Classification
		complaints and other information from the patient (relatives/ legal representatives), his anamnesis data, interpretation of examination results, laboratory, instrumental, pathoanatomic and other studies, including diagnostic	complaints and anamnesis from patients (their legal representatives). Methods of physical examination of patients (examination, palpation, percussion, auscultation). The procedure for providing medical care to adults with dental diseases The procedure for providing medical care to children with dental diseases Clinical recommendations on the provision of medical care to patients with dental diseases Standards of medical care IPC 6.2.Can:	Statistical Classificat ion of	the Internatio nal Statistica I Classific ation of	for determining the main pathological conditions and syndromes in patients in accordance with the International Statistical Classification
		complaints and other information from the patient (relatives/ legal representatives), his anamnesis data, interpretation of examination results, laboratory, instrumental, pathoanatomic and other studies, including diagnostic studies using	complaints and anamnesis from patients (their legal representatives). Methods of physical examination of patients (examination, palpation, percussion, auscultation). The procedure for providing medical care to adults with dental diseases The procedure for providing medical care to children with dental diseases Clinical recommendations on the provision of medical care to patients with dental diseases Standards of medical care IPC 6.2.Can: interpret the results of	Statistical Classificat ion of	the Internatio nal Statistica I Classific ation of	for determining the main pathological conditions and syndromes in patients in accordance with the International Statistical Classification
		complaints and other information from the patient (relatives/ legal representatives), his anamnesis data, interpretation of examination results, laboratory, instrumental, pathoanatomic and other studies, including diagnostic studies using modern technical	complaints and anamnesis from patients (their legal representatives). Methods of physical examination of patients (examination, palpation, percussion, auscultation). The procedure for providing medical care to adults with dental diseases The procedure for providing medical care to children with dental diseases Clinical recommendations on the provision of medical care to patients with dental diseases Standards of medical care IPC 6.2.Can: interpret the results of examination, laboratory,	Statistical Classificat ion of	the Internatio nal Statistica I Classific ation of	for determining the main pathological conditions and syndromes in patients in accordance with the International Statistical Classification
		complaints and other information from the patient (relatives/ legal representatives), his anamnesis data, interpretation of examination results, laboratory, instrumental, pathoanatomic and other studies, including diagnostic studies using modern technical means and	complaints and anamnesis from patients (their legal representatives). Methods of physical examination of patients (examination, palpation, percussion, auscultation). The procedure for providing medical care to adults with dental diseases The procedure for providing medical care to children with dental diseases Clinical recommendations on the provision of medical care to patients with dental diseases Standards of medical care IPC 6.2.Can: interpret the results of examination, laboratory, instrumental, pathoanatomic and	Statistical Classificat ion of	the Internatio nal Statistica I Classific ation of	for determining the main pathological conditions and syndromes in patients in accordance with the International Statistical Classification
		complaints and other information from the patient (relatives/ legal representatives), his anamnesis data, interpretation of examination results, laboratory, instrumental, pathoanatomic and other studies, including diagnostic studies using modern technical means and digital	complaints and anamnesis from patients (their legal representatives). Methods of physical examination of patients (examination, palpation, percussion, auscultation). The procedure for providing medical care to adults with dental diseases The procedure for providing medical care to children with dental diseases Clinical recommendations on the provision of medical care to patients with dental diseases Standards of medical care IPC 6.2.Can: interpret the results of examination, laboratory, instrumental, pathoanatomic and other studies, including	Statistical Classificat ion of	the Internatio nal Statistica I Classific ation of	for determining the main pathological conditions and syndromes in patients in accordance with the International Statistical Classification
		complaints and other information from the patient (relatives/ legal representatives), his anamnesis data, interpretation of examination results, laboratory, instrumental, pathoanatomic and other studies, including diagnostic studies using modern technical means and digital technologies, in	complaints and anamnesis from patients (their legal representatives). Methods of physical examination of patients (examination, palpation, percussion, auscultation). The procedure for providing medical care to adults with dental diseases The procedure for providing medical care to children with dental diseases Clinical recommendations on the provision of medical care to patients with dental diseases Standards of medical care IPC 6.2.Can: interpret the results of examination, laboratory, instrumental, pathoanatomic and other studies, including diagnostic studies using modern	Statistical Classificat ion of	the Internatio nal Statistica I Classific ation of	for determining the main pathological conditions and syndromes in patients in accordance with the International Statistical Classification
		complaints and other information from the patient (relatives/ legal representatives), his anamnesis data, interpretation of examination results, laboratory, instrumental, pathoanatomic and other studies, including diagnostic studies using modern technical means and digital technologies, in order to	complaints and anamnesis from patients (their legal representatives). Methods of physical examination of patients (examination, palpation, percussion, auscultation). The procedure for providing medical care to adults with dental diseases The procedure for providing medical care to children with dental diseases Clinical recommendations on the provision of medical care to patients with dental diseases Standards of medical care to patients with dental diseases Standards of medical care interpret the results of examination, laboratory, instrumental, pathoanatomic and other studies, including diagnostic studies using modern technical means and digital	Statistical Classificat ion of	the Internatio nal Statistica I Classific ation of	for determining the main pathological conditions and syndromes in patients in accordance with the International Statistical Classification
		complaints and other information from the patient (relatives/ legal representatives), his anamnesis data, interpretation of examination results, laboratory, instrumental, pathoanatomic and other studies, including diagnostic studies using modern technical means and digital technologies, in order to recognize the	complaints and anamnesis from patients (their legal representatives). Methods of physical examination of patients (examination, palpation, percussion, auscultation). The procedure for providing medical care to adults with dental diseases The procedure for providing medical care to children with dental diseases Clinical recommendations on the provision of medical care to patients with dental diseases Standards of medical care IPC 6.2.Can: interpret the results of examination, laboratory, instrumental, pathoanatomic and other studies, including diagnostic studies using modern technical means and digital technologies, in order to	Statistical Classificat ion of	the Internatio nal Statistica I Classific ation of	for determining the main pathological conditions and syndromes in patients in accordance with the International Statistical Classification
		complaints and other information from the patient (relatives/ legal representatives), his anamnesis data, interpretation of examination results, laboratory, instrumental, pathoanatomic and other studies, including diagnostic studies using modern technical means and digital technologies, in order to recognize the condition or	complaints and anamnesis from patients (their legal representatives). Methods of physical examination of patients (examination, palpation, percussion, auscultation). The procedure for providing medical care to adults with dental diseases The procedure for providing medical care to children with dental diseases Clinical recommendations on the provision of medical care to patients with dental diseases Standards of medical care IPC 6.2.Can: interpret the results of examination, laboratory, instrumental, pathoanatomic and other studies, including diagnostic studies using modern technical means and digital technologies, in order to recognize the condition or	Statistical Classificat ion of	the Internatio nal Statistica I Classific ation of	for determining the main pathological conditions and syndromes in patients in accordance with the International Statistical Classification
		complaints and other information from the patient (relatives/ legal representatives), his anamnesis data, interpretation of examination results, laboratory, instrumental, pathoanatomic and other studies, including diagnostic studies using modern technical means and digital technologies, in order to recognize the condition or establish the	complaints and anamnesis from patients (their legal representatives). Methods of physical examination of patients (examination, palpation, percussion, auscultation). The procedure for providing medical care to adults with dental diseases The procedure for providing medical care to children with dental diseases Clinical recommendations on the provision of medical care to patients with dental diseases Standards of medical care IPC 6.2.Can: interpret the results of examination, laboratory, instrumental, pathoanatomic and other studies, including diagnostic studies using modern technical means and digital technologies, in order to recognize the condition or establish the presence or absence	Statistical Classificat ion of	the Internatio nal Statistica I Classific ation of	for determining the main pathological conditions and syndromes in patients in accordance with the International Statistical Classification
		complaints and other information from the patient (relatives/ legal representatives), his anamnesis data, interpretation of examination results, laboratory, instrumental, pathoanatomic and other studies, including diagnostic studies using modern technical means and digital technologies, in order to recognize the condition or establish the presence or	complaints and anamnesis from patients (their legal representatives). Methods of physical examination of patients (examination, palpation, percussion, auscultation). The procedure for providing medical care to adults with dental diseases The procedure for providing medical care to children with dental diseases Clinical recommendations on the provision of medical care to patients with dental diseases Standards of medical care IPC 6.2.Can: interpret the results of examination, laboratory, instrumental, pathoanatomic and other studies, including diagnostic studies using modern technical means and digital technologies, in order to recognize the condition or establish the presence or absence of dental disease, symptoms,	Statistical Classificat ion of	the Internatio nal Statistica I Classific ation of	for determining the main pathological conditions and syndromes in patients in accordance with the International Statistical Classification
		complaints and other information from the patient (relatives/ legal representatives), his anamnesis data, interpretation of examination results, laboratory, instrumental, pathoanatomic and other studies, including diagnostic studies using modern technical means and digital technologies, in order to recognize the condition or establish the	complaints and anamnesis from patients (their legal representatives). Methods of physical examination of patients (examination, palpation, percussion, auscultation). The procedure for providing medical care to adults with dental diseases The procedure for providing medical care to children with dental diseases Clinical recommendations on the provision of medical care to patients with dental diseases Standards of medical care IPC 6.2.Can: interpret the results of examination, laboratory, instrumental, pathoanatomic and other studies, including diagnostic studies using modern technical means and digital technologies, in order to recognize the condition or establish the presence or absence	Statistical Classificat ion of	the Internatio nal Statistica I Classific ation of	for determining the main pathological conditions and syndromes in patients in accordance with the International Statistical Classification

	1					
		symptoms,	forms in accordance with the			
		syndromes of	International Statistical			
		dental diseases,	Classification of Diseases and			
		establishment of	Related Problems with health,			
		nosological	and other regulatory documents			
		forms in	of the Ministry of Health of the			
		accordance with	Russian Federation (the			
		the International	procedure for providing medical			
		Statistical	care, the Standard of medical			
		Classification of	care, Clinical recommendations			
		Diseases and	on the provision of medical care,			
		Health-related	etc.)			
		Problems, and	Develop a treatment plan for			
		other regulatory	children and adults with dental			
		documents of the	diseases in accordance with the			
		Ministry of	procedures for providing medical			
		Health of the	care, clinical recommendations,			
		Russian	taking into account the standards			
		Federation	of medical care.			
		(Procedure for	TDG COM			
		medical care,	IPC 6.3 Has practical experience:			
		Standard of	interpretation of the results of			
		Medical Care,	examination, laboratory,			
		Clinical	instrumental, pathoanatomic and			
		Recommendatio	other studies, including			
		ns on Medical	diagnostic studies using modern			
		Care, etc.)	technical means and digital			
			technologies, in order to			
			recognize the condition or			
			establish the fact of the presence			
			or absence of dental disease,			
			symptoms, syndromes of dental			
			diseases, the establishment of			
			nosological forms in accordance			
			with the International Statistical Classification of Diseases and			
			Related Problems with health,			
			and other regulatory documents of the Ministry of Health of the			
			Russian Federation (the			
			procedure for providing medical			
			care, the Standard of medical			
			care, the Standard of 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			
			providing medical care, clinical			
			recommendations, taking into			
			account the standards of medical			
			care			
4.	PC -7	The ability to	IPC 7.1 Knows:	Tactics of	То	Tactics of
		determine the	Methods of drug and non-drug	manageme	determin	management of
		tactics of	treatment, medical indications for	nt of	e the	patients with
		management of	the use of medical devices for	patients	tactics of	diseases of the
		patients with	dental diseases	with	managem	dental system.
		various dental	Groups of medicines used to	diseases of	ent of	-
		diseases in	provide medical care in the	the dental	patients	

accordance with	treatment of dental diseases; the	system.	with	
Clinical	mechanism of their action,		diseases	
recommendation	medical indications and		of the	
s and other	contraindications to the		dental	
regulatory	appointment; compatibility,		system.	
documents of the	possible complications, side			
Ministry of	effects, adverse reactions,			
Health of the	including serious and unforeseen			
Russian	Principles, techniques and			
Federation in	methods of anesthesia, selection			
outpatient and	of the type of local anesthesia in			
day hospital	the treatment of dental diseases			
conditions,	Methods of preventing or			
taking into	eliminating complications, side effects, adverse reactions,			
account the age of the patient.	including serious and unforeseen,			
of the patient.	that occurred during the			
	examination or treatment of			
	patients with diseases of the			
	teeth, pulp, periodontal,			
	periodontal, oral and lip mucosa			
	Materials science, technologies,			
	equipment and medical products			
	used in dentistry			
	Anatomy of the head,			
	maxillofacial region, features of			
	blood supply and innervation;			
	structure of teeth; histology and			
	embryology of the oral cavity			
	and teeth, the main disorders of			
	embryogenesis			
	IPC 7.2. Can:			
	Develop a treatment plan for			
	children and adults with dental diseases in accordance with the			
	procedures for providing medical			
	care, clinical recommendations,			
	taking into account the standards			
	of medical care			
	To select and prescribe			
	medications, medical devices			
	(including dental materials),			
	dietary nutrition, therapeutic and			
	wellness regimen for the			
	treatment of children and adults			
	with dental diseases in			
	accordance with the current			
	procedures for providing medical			
	care, clinical recommendations,			
	taking into account the standards			
	of medical care			
	Determine medical indications and contraindications to local			
	and contraindications to local anesthesia techniques of the			
	maxillofacial region			
	To carry out local anesthesia			
	(application, infiltration,			
	conduction) in children and			
	adults with dental diseases			
	Perform medical interventions,			
	including therapeutic, in children			
	and adults with dental diseases			
	on an outpatient basis (excluding			

repeated endodontic treatment):		
- individual oral and dental		
hygiene training, selection of oral		
hygiene products and items		
- controlled teeth cleaning		
- professional oral and dental		
hygiene		
- injection of drugs in the		
maxillofacial region		
- local application of		
remineralizing drugs in the tooth		
area		
- deep fluoridation of tooth		
enamel		
- sealing the fissure of the tooth		
with a sealant		
- professional teeth whitening		
grinding of hard tooth tissuesrestoration of the tooth with a		
filling using dental cements,		
chemical curing materials,		
photopolymers		
-restoration of teeth with		
violation of the contact point		
- restoration of the tooth with		
filling material using anchor pins		
- application of devitalizing paste		
- pulpotomy (amputation of the		
crown pulp)		
- pulp extirpation		
- instrumental and medical		
treatment of a well-traversed root		
canal		
- temporary filling of the root		
canal with a drug		
- filling of the root canal of the		
tooth with paste, gutta-percha		
pins		
- removal of supergingival and		
subgingival dental deposits in the		
tooth area (by manual method) - ultrasound removal of supra-		
gingival and subgingival dental		
deposits in the tooth area		
- closed curettage for periodontal		
diseases in the tooth area		
- application of a therapeutic		
bandage for periodontal diseases		
in the area of one jaw		
- prescribing 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, in children		
and adults with dental diseases		
on an outpatient basis (excluding		
the removal of retentive and		
dystopian teeth):		
- tooth extraction		
- removal of a temporary tooth		

- permanent tooth removal
- opening and drainage of an odontogenic abscess

To carry out step-by-step sanitation of the oral cavity (excluding sanitation of the oral cavity in children in the conditions of an anesthetic manual)

Perform medical interventions, including orthopedic, in adults with dental diseases on an outpatient basis (excluding prosthetics on dental implants, technologies for automated manufacturing of orthopedic structures, complete removable plate and clasp prostheses):

- obtaining anatomical and functional impressions
- restoration of the tooth with a crown
- restoration of the integrity of the dentition with fixed bridges
- prosthetics with partial removable plate prostheses
- correction of removable orthopedic construction
- removal of a non-removable orthopedic structure Interpret the results of X-ray

Interpret the results of X-ray examinations of the maxillofacial region

To consult children and adults with diseases of the mucous membrane of the mouth and lips, to determine indications for referral to specialist doctors

Prevent or eliminate complications, side effects, undesirable reactions, including unforeseen ones, resulting from diagnostic or therapeutic manipulations, the use of medicines and (or) medical devices, non-drug treatment

IPC 7.3 Has practical experience: Selection and appointment 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 recommendations, taking into account the standards of medical care

Prescribing dietary nutrition, therapeutic and health regime for the treatment of dental diseases in children and adults in accordance with the current procedures for providing 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 providing care, medical clinical recommendations, taking into account the standards of medical Evaluation of the results of medical interventions in children and adults with dental diseases Selection of the type and implementation of local anesthesia (application. infiltration. conduction) in children and adults with dental diseases Evaluation of the effectiveness and safety of the use of medicines, medical devices and non-drug treatment in children and adults with dental diseases Counseling of children and adults with diseases of the mucous membrane of the mouth and lips, determining indications referral to specialist doctors Selection and appointment of medicines and medical devices, taking into account the diagnosis, age and clinical picture of dental disease in accordance with the procedures for providing medical care, clinical recommendations, taking into account the standards of medical care Determination of methods of administration, regimen and dose of drugs Selection and appointment of non-drug treatment for children and adults with dental diseases in accordance with the procedures for providing medical care, clinical recommendations, taking into account the standards of medical care Prevention and treatment of complications, side effects, including adverse reactions, unforeseen ones, resulting from diagnostic or therapeutic manipulations, the use medicines and (or) medical devices, non-drug treatment at a dental appointment Providing medical care children and adults with sudden acute diseases, conditions,

	exacerbation of chronic diseases		
	without obvious signs of a threat		
	to the patient's life in an urgent		
	form		
	The use of medicines and		
	medical devices in the provision		
	of emergency medical care		

4. Volume of the academic discipline and types of academic workTotal labor intensity of the discipline is _____ CU (___AH)

Type of educational work	Labor i	ntensity			Labor	intensity	by semeste	er (AH)	
	volume	volume							
	in	in	4	5	6	7	8	9	10
	credit	academ							
	units	ic							
	(CU)	hours							
		(AH)							
Classroom work, including	10,32	372	36	54	44	52	44	88	54
Lectures (L)	2,66	96	12	14	6	16	10	24	14
Laboratory practicum (LP)*									
Practicals (P)	7,66	276	24	40	38	36	34	64	40
Seminars (S)									
Student's individual work (SIW)	6,68	240	18	36	37	38	19	56	36
Mid-term assessment									
exam	1	36					exam		
TOTAL LABOR INTENSITY	18	648	54	90	81	90	63	144	90

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

n/a	Competence code	Section name disciplines
1	CC-1, GPC-5, PC-6, PC-7	Orthopedic treatment of dental hard tissue defects.
2	CC-1, GPC-5, PC-6, PC-7	Orthopedic treatment of partial tooth loss
3	CC-1, GPC-5, PC-6, PC-7	Orthopedic treatment for complete loss of teeth.
4	CC-1, GPC-5, PC-6, PC-7	Orthopedic treatment of periodontal diseases.
5	CC-1, GPC-5, PC-6, PC-7	Gnatology.