### Summary of the working program of the academic discipline

### «Modern methods of oral surgery preparation for prosthetics»

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

Department: Oral and Maxillofacial Surgery

- 1. The purpose of mastering the discipline: GC-1, PC-6, PC-7.
- 2. Position of the academic discipline in the structure of the General Educational Program (GEP).
- **2.1.** The discipline «Modern methods of oral surgery preparation for prosthetics» refers to the part «Disciplines» of Block 1 of GEP HE «Dentistry», elective disciplines, additional disciplines.

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

Mastering the discipline aims at acquiring the following universal (UC) or/and general

professional (GPC) or/and professional (PC) competencies

	Com	The content	Code and name of the		_	he discipline,
	peten	of the	competence acquisition	students sho	ould:	
$N_{\underline{0}}$	ce	competence	metric			
	code	(or its		know	be able to	possess
		part)				
1.	UC 1	Ability to	IUC 1.1 Know: Methods	Methods	analyses	possess the
		abstract	and techniques of	and	and	skills of
		thinking,	philosophical analysis;	techniques	evaluate	presenting an
		analysis,	searching and processing	of	the	independent
		synthesis	information	philosophi	situation	point of view,
			IUC 1.2 be able to:	cal	on their	analysis and
			analyses and evaluate the	analysis;	own;	logical
			situation on their own;to	searching	to use	thinking
			use educational,	and	educationa	
			scientific, popular	processing	1,	
			literature, Internet on a	informatio	scientific,	
			given topic for the note-	n	popular	
			taking;		literature,	
			IUC 1.3 possess: possess		Internet on	
			the skills of presenting an		a given	
			independent point of		topic for	
	view, analysis and logical			the note-		
			thinking		taking	
2.	PC -6	The	IPC 6.1 Know: Etiology,	Etiology,	То	to make a
		identificatio	pathogenesis, diagnosis,	pathogene	diagnose	diagnosis
		n of a	treatment and prevention	sis,	dental	according to
		patient's of	of the most common	diagnosis,	diseases of	the ICD-10
		pathological	dentistry diseases of	treatment	surgical	
		conditions,	surgical profile	and	patients	
		symptoms,	principle of the ICD-10	preventio	to justify	
		syndromes	IPC 6.2 Be able to: To	n of the	making a	
		of dental	diagnose dental diseases	most	diagnosis	

		dia a s	of oursing!			
		diseases,	of surgical patients	common	according	
		nosological	to justify making a	dentistry	to the	
		forms	diagnosis according to the	diseases	ICD-10	
		according to	ICD-10	of		
		the ICD-10	IPC 6.3 Possess: to make	surgical		
		and the	a diagnosis according to	profile		
		related	the ICD-10	principle		
		health		of the		
		problems		ICD-10		
3. I	PC-7	Ability to	IPC 7.1 Know: Methods	Methods	Develop a	Selection and
		determine	of drug and non-	of drug	treatment	prescription of
		the tactics of	medicamentous	and non-	plan for	medicines,
		management	treatment, medical	medicame	children	medical
		of patients	indications for the use of	ntous	and adults	products
		with various	medical products in	treatment,	with	(including
		dental	dental diseases; groups of	medical	dental	dental
		diseases in	drugs used to provide	indication	illnesses	materials) for
		accordance	medical assistance in the	s for the	in	the treatment
		with clinical	treatment of dental	use of	accordanc	of dental
		recommenda	diseases; mechanism of	medical	e with	diseases in
		tions of	their action, medical	products	medical	children and
		other	indications and	in dental	procedure	adults in
		regulatory	contraindications to the	diseases;	s, clinical	accordance
		documents	appointment;	groups of	recommen	with the
		of the	compatibility, possible	drugs used	dations,	current
		Ministry of	complications, side	to provide	standards	medical
		Health of the	effects, undesirable	medical	of medical	procedures,
		Russian	reactions, including	assistance	care;	clinical
		Federation	serious and unforeseen;	in the	select and	recommendati
		in outpatient	principles, techniques and	treatment	prescribe	ons, Taking
		and day	methods of anesthesia,	of dental	medicines,	into account
		hospital	selection of the type of	diseases;	medical	the standards
		conditions,	local anesthesia in the	mechanis	products	of medical
		taking into	treatment of dental	m of their	(including	care;
		account age	diseases; ways to prevent	action,	dental	prescribing
		patient.	or eliminate	medical	materials),	dietary and
		patient.	complications, side	indication	dietary	therapeutic
			effects, undesirable	s and	intake,	regimens for
			reactions, including	contraindi	treatment	the treatment
			serious and unforeseen,	cations to	and health	of dental
			arising in the examination	the	regime for	illnesses in
			or treatment of patients	appointme	treatment	children and
			with dental diseases, pulp,	nt;	of children	adults in
			periodontium,	compatibil	and adults	accordance
			periodontal, mucous	ity,	with	with the
			membrane of the mouth	possible	dental	current
			and lips; Materials	complicati	diseases in	medical
			science, technology,	ons, side	accordanc	procedures
				effects,	e with	and clinical
			<b>.</b> .	· ·		
			products used in	undesirabl	current medical	recommendati
			dentistry; anatomy of the	e		ons, Taking
			head, maxillofacial area,	reactions,	procedure	into account

features of blood supply and innervation; dental structure; histology and embryology of the oral and dental cavity, the main violations of embryogenesis; Be able to: Develop a treatment plan for children and adults with dental illnesses in accordance with medical procedures, clinical recommendations, standards of medical care; select and prescribe medicines, medical products (including dental materials), dietary intake, treatment and health regime for treatment of children and adults with dental diseases in accordance with current medical procedures, clinical recommendations, Taking into account health care standards; determine medical indications and contraindications to the conduct of methods of local anaesthesia of the maxillofacial region; conduct local anesthesia (application, infiltration, conductor) in children and adults with dental diseases; perform medical interventions, including therapeutic, in children and adults with dental diseases in outpatient conditions (excluding repeated endodontic treatment): - oral and dental hygiene education individual, Selection of oral hygiene products; controlled tooth cleaning; - professional oral and dental hygiene; - injection

including s. clinical serious recommen and dations, unforesee Taking n; into principles, account techniques health care and standards: methods determine of medical indication anesthesia. selection s and of the type contraindi of local cations to anesthesia the in the conduct of treatment methods of dental of local diseases: anaesthesi ways to a of the prevent or maxillofac eliminate ial region; complicati conduct ons, side local effects. anesthesia undesirabl (applicatio infiltration reactions, including serious conductor) and in children and adults unforesee n, arising with in the dental examinati diseases; on or perform medical treatment interventio of patients with ns, dental including diseases, therapeuti pulp, c, in children periodonti and adults um, periodonta with l. mucous dental membrane diseases in of the outpatient mouth and conditions lips; (excluding Materials repeated endodonti science,

health care standards; Performing medical interventions in children and adults with dental illnesses in accordance with existing medical procedures and clinical recommendati ons, taking into account medical care standards: Evaluation of medical interventions in children and adults with dental conditions; selection and conduct of local anesthesia (application, infiltration, conductor) in children and adults with dental diseases; evaluation of the effectiveness and safety of the use of medicines. medical products and nonpharmacologi cal treatment in children and adults with dental diseases;

of medicines in the maxillofacial area; - local use of remineralizing drugs in the tooth area; deep fluorination of tooth enamel; - sealing the tooth fissures with a hermetically sealed seal; professional teeth whitening; - tooth filling restoration using dental cements, chemical curing materials, photopolymers; - tooth restoration in violation of the contact point; - tooth restoration with filling material using anchor pins; - the application of a deviating paste; - pulverization (coronal pulp amputation); - pulp extermination; instrumental and medicinal treatment of a well-traversed root canal; - temporary filling with a medicinal preparation of the root canal; - Filling of the root canal of the tooth with paste, gutta-percha pins; - Removal of supraspinous and subsurface dental deposits in the tooth area (manual method); - Ultrasonic removal of supraspinous and subsurface 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 medicinal therapy for oral and dental diseases; prescription of diet therapy for oral and dental diseases; medical interventions, including

technolog treatment) equipment : - oral and and dental medical hygiene products education used in individual, dentistry; Selection anatomy of oral of the hygiene head. products; controlled maxillofac ial area, tooth features of cleaning; blood profession al oral and supply and innervatio dental n; dental hygiene; injection structure; histology ofmedicines and embryolog in the v of the maxillofac oral and ial area: dental local use cavity, the of main reminerali violations zing drugs in the of embryoge tooth area; nesis. - deep fluorinatio n of tooth enamel: sealing the tooth fissures with a hermetical ly sealed seal; profession al teeth whitening; - tooth filling restoration using dental

cements,

chemical

curing

y,

consulting children and adults with diseases of the mucous membrane of the mouth and lips, determination of indications for referral to medical specialists; selection and prescription of medicines and medical products taking into account the diagnosis, the age and clinical picture of dental disease in accordance with the procedures for the provision of medical care, clinical recommendati ons, taking into account the standards of medical care; determination of the methods of introduction, regime and dosage of medicines; Selection and appointment of nonpharmacologi cal treatment for children and adults with dental

surgical interventions, for children and adults with dental diseases in outpatient settings (excluding removals of retinated and distorted teeth): - tooth removal; temporary tooth removal; - permanent tooth removal; - odontogenic abscess opening and venting; oral cavity stage by stage (excluding oral health care for children under anesthesiology); perform medical interventions, including orthopedic interventions, in adults with dental diseases in outpatient settings (excluding prosthetics on dental implants, technologies of automated manufacturing of orthopedic structures, full removable plate and tube prostheses): -Production of anatomical and functional impressions; - restoration of tooth crown; restoration of tooth row integrity permanent bridges; - prosthesis partial removable plate prostheses; - correction of removable orthopedic structure: - removal of permanent orthopedic structure; interpretation of the results of X-rays of the maxillofacial area; consulting children and adults with diseases of the mucous membrane of the mouth and lips. determining indications for referral to doctorsspecialists; prevent or eliminate complications, side effects, undesirable reactions, including

materials. photopoly mers; tooth restoration in violation of the contact point; tooth restoration with filling material using anchor pins; - the applicatio n of a deviating paste; pulverizati (coronal pulp amputatio n); - pulp exterminat ion; instrument al and medicinal treatment of a welltraversed root canal; temporary filling with a medicinal preparatio n of the root canal; - Filling of the root canal of the tooth with paste, gutta-

percha

diseases in accordance with medical procedures. clinical recommendati ons, taking into account medical care standards; prevention and treatment of complications, side effects, undesirable reactions, including unforeseen, arising from diagnostic or therapeutic manipulation, the use of drugs and (or) medical products, nonpharmacologi cal treatment at the dentistry; provision of medical assistance to children and adults in sudden acute diseases. conditions, aggravation of chronic diseases without clear signs of a threat to the life of the patient in urgent form; the use of medicines and medical products in

unforeseen, arising as a pins; the provision Removal of emergency result of diagnostic or therapeutic manipulation, medical care. of the use of drugs and (or) supraspino medical products, nonus and pharmacological subsurface treatment. dental IPC 7.3 Possess: deposits in Selection and prescription the tooth of medicines, medical area products (including dental (manual materials) for the method); treatment of dental Ultrasonic diseases in children and removal of adults in accordance with supraspino us and the current medical procedures, clinical subsurface recommendations, Taking dental into account the standards deposits in of medical care; the tooth prescribing dietary and area: therapeutic regimens for closed the treatment of dental curettage illnesses in children and for adults in accordance with periodonta the current medical 1 diseases procedures and clinical in the recommendations, Taking tooth area; into account health care standards; applicatio Performing medical n of a interventions in children medical and adults with dental dressing illnesses in accordance for with existing medical periodonta procedures and clinical 1 diseases recommendations, taking in the area into account medical care of one standards; Evaluation of jaw;medical interventions in Prescriptio children and adults with n of dental conditions; medicinal selection and conduct of therapy local anesthesia for oral (application, infiltration, and dental conductor) in children diseases: and adults with dental prescriptio diseases; evaluation of the n of diet effectiveness and safety therapy of the use of medicines, for oral medical products and and dental non-pharmacological diseases;

treatment in children and adults with dental diseases; consulting children and adults with diseases of the mucous membrane of the mouth and lips, determination of indications for referral to medical specialists; selection and prescription of medicines and medical products taking into account the diagnosis, the age and clinical picture of dental disease in accordance with the procedures for the provision of medical care, clinical recommendations, taking into account the standards of medical care: determination of the methods of introduction, regime and dosage of medicines; Selection and appointment of nonpharmacological treatment for children and adults with dental diseases in accordance with medical procedures, clinical recommendations, taking into account medical care standards; prevention and treatment of complications, side effects, undesirable reactions, including unforeseen, arising from diagnostic or therapeutic manipulation, the use of drugs and (or) medical products, nonpharmacological treatment at the dentistry; provision of medical assistance to children and adults in sudden acute diseases, conditions, aggravation of chronic

medical interventio ns, including surgical interventio ns. for children and adults with dental diseases in outpatient settings (excluding removals of retinated and distorted teeth): tooth removal; temporary tooth removal; permanent tooth removal; dentogeni c abscess opening and venting; oral cavity stage by stage (excluding oral health care for children under anesthesio logy); perform medical interventio ns. including orthopedic interventio ns, in

	without clear	adults	
-	threat to the life	with	
	tient in urgent	dental	
form; the		diseases in	
medicine	s and medical	outpatient	
products	in the provision	settings	
	ency medical	(excluding	
care.		prosthetics	
		on dental	
		implants,	
		technologi	
		es of	
		automated	
		manufactu	
		ring of	
		orthopedic	
		structures,	
		full	
		removable	
		plate and	
		tube	
		prostheses	
		): -	
		Productio	
		n of	
		anatomica	
		1 and	
		functional	
		impressio	
		ns; -	
		restoration	
		of tooth	
		crown; -	
		restoration	
		of tooth	
		row	
		integrity	
		permanent	
		bridges; -	
		prosthesis	
		partial	
		removable	
		plate	
		prostheses	
		; -	
		correction	
		of	
		removable	
		orthopedic	
		structure; -	
		removal of	
		permanent	

	T	ı		1
			orthopedic	
			structure;	
			interpretat	
			ion of the	
			results of	
			X-rays of	
			the	
			maxillofac	
			ial area;	
			consulting	
			children	
			and adults	
			with	
			diseases of	
			the	
			mucous	
			membrane	
			of the	
			mouth and	
			lips,	
			determinin	
			g	
			indication	
			s for	
			referral to	
			doctors-	
			specialists	
			; prevent	
			or	
			eliminate	
			complicati	
			ons, side	
			effects,	
			undesirabl	
			e	
			reactions,	
			including	
			unforesee	
			n, arising	
			as a result	
			of	
			diagnostic	
			or	
			therapeuti	
			c	
			manipulati	
			on, the use	
			of drugs	
			and (or)	
			medical	
			products,	
			non-	
	1	<b>.</b>	<u>.</u>	

		pharmacol ogical	
		treatment.	

# **4. Volume of the academic discipline and types of academic work** Total labor intensity of the discipline is 2 CU (72 AH)

Type of educational work	Labor i	Labor intensity		Labor intensity (AH) in		
	volume in	volume in	semesters		S	
	credit units	academic	VIII	IX	X	
	(CU)	hours (AH)				
Classroom work, including	1,22	44	-	-	-	
Lectures (L)	0,28	10	-	-	10	
Laboratory practicum (LP)	-	-	-	-	-	
Practicals (P)	-	ı	1	-	-	
Clinical practice sessions (CPS)	0,94	34	1	-	34	
Seminars (S)	-	1	1	-	-	
Student's individual work (SIW)	0,78	28	1	-	28	
Research work of the student	-	1	ı	-	-	
Interim attestation	-	-	-	-	-	
Exam	-	-	-	-	-	
TOTAL LABOR INTENSITY	2	72	-	-	72	

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

№	Competence code	Section name of the discipline
1.	UC 1	Ability to abstract thinking, analysis, synthesis
2.	PC -6	The identification of a patient's of pathological conditions, symptoms, syndromes of dental diseases, nosological forms according to the ICD-10 and the related health problems
3.	PC-7	Ability to determine the tactics of management of patients with various dental diseases in accordance with clinical recommendations of other regulatory documents of the Ministry of Health of the Russian Federation in outpatient and day hospital conditions, taking into account age patient.