Summaryof the working program of the academic discipline

«INFECTIOUS DISEASES, PHTHISIATRY» (name of the academic discipline)

General Educational Program of higher education (specialist's degree programs) 31.05.03 Dentistry

Department: phthisiology named after I.S. Nikolaev

1. The purpose of mastering the discipline «Infectious diseases, phthisiatry» (phthisiatry): (hereinafter – the discipline): the purpose of mastering the discipline is to give students knowledge in the field of phthisiology, taking into account the specifics in their future work. The goals and content of training are determined by the current state of phthisiopulmonology, characterized by an acute situation in the incidence of tuberculosis, when the incidence of this pathology in our country and in a number of other countries is one of the priority tasks of healthcare. In the changing conditions of the organization of anti-tuberculosis activities, deep knowledge of phthisiology is necessary not only for phthisiatricians, but, above all, for dentists

1.1. The purpose of mastering the discipline: participation in forming the relevant competencies UC-1, UC-6, GPC-1, GPC-2, GPC-4, GPC-5, PC-1, PC-6, PC-7, PC-9.

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

2.1. The discipline **«Infectious diseases, phthisiatry» (phthisiatry)** refers to the core part of Block 1 of GEP HE (B1.O.29).

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

P1	0100550		and professional (PC) competence	03		
	Co	The		As a result of	of mastering th	ne discipline,
	mp	content of	Code and name of the	the students should:		
№	ete	the				
J 1 ⊡	nce	competen	competence acquisition metric	know	be able to	possoss
	co	ce (or its	metric	KHOW	De able to	possess
	de	part)				
1.	UC-1	Able to carry out a critical analysis of problem situations based on a systematic approach, develop an action strategy	IUC 1.1 Knows: methods of critical analysis and evaluation of modern scientific achievements; basic principles of critical analysis IUC 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 IUC 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	Methods of critical analysis and evaluation of modern scientific achievements; basic principles of critical analysis	Obtain 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	Skills for researching the problem of professional activity using analysis, synthesis and other methods of intellectual activity; skills in developing an action strategy for solving professional problems
2.	UC-6	Able to identify and implement the priorities of their own activities and ways to improve them based on self-assessment and lifelong	IUC 6.1 Knows: the importance of planning long-term goals of activity, taking into account conditions, means, personal opportunities, stages of career growth, time perspective of development of activity and requirements of the labor market; technology and methodology of self-assessment; basic principles of self- education and self-education IUC 6.2 Is able to: determine the priorities of	The importance of planning long-term goals of activity, taking into account the conditions, means, personal opportunities, stages of career growth, time	Determine the priorities of professional activity and ways to improve it based on self-assessment; control and evaluate the components of professional	Skills for planning one's own professional activity and self- development, studying additional educational programs

		learning	professional activity and ways to improve it on	perspective for the	activity; plan	
			the basis of self-assessment; control and evaluate the components of professional activity; plan independent activities in solving professional problems IUC 6.3 Has practical experience: planning their own professional activities and self- development, studying additional educational programs	development of activities and labor market requirements; technology and methodology of self-assessment; basic principles of self-education and	independent activities in solving professional problems	
3.	GPC-1	Able to implement moral and legal norms, ethical and deontological principles in professional activities	IGPC 1.1 Knows: basics of medical ethics and deontology; fundamentals of legislation in the field of healthcare; legal aspects of medical practice IGPC 1.2 Is able to: apply ethical norms and principles of behavior of a medical worker in the performance of their professional duties; knowledge of modern legislation in the field of healthcare in solving problems of professional activity; apply the rules and norms of interaction between a doctor and colleagues and patients (their legal representatives) IGPC 1.3 Has practical experience: solving standard problems of professional activity based on ethical norms and deontological principles when interacting with colleagues and patients (their legal representatives), knowledge of the legal aspects of medical practice	self-education Fundamentals of medical ethics and deontology; fundamentals of legislation in the field of healthcare; legal aspects of medical practice	Apply ethical norms and principles of behavior of a medical worker in the performance of their professional duties; knowledge of modern legislation in the field of healthcare in solving problems of professional activity; apply the rules and norms of interaction between a doctor and colleagues and patients (their legal representatives))	Skills for solving standard problems of professional activity based on ethical norms and deontological principles when interacting with colleagues and patients (their legal representatives), knowledge of the legal aspects of medical practice
4.	GPC-2	Able to analyze the results of their own activities to prevent professional errors	IGPC 2.1 Knows: the procedures for providing medical care, clinical recommendations, taking into account the standards of medical care; methodology for analyzing the results of one's own activities IGPC 2.2 Able to: analyze the results of examination and treatment of patients with dental diseases; draw up an action plan to prevent professional errors based on an analysis of the results of one's own activities IGPC 2.3 Has practical experience: participation in a clinical (clinical and anatomical) conference to analyze errors in professional activity	Orders for the provision of medical care, clinical recommendations, taking into account the standards of medical care; methodology for analyzing the results of one's own activities	To analyze the results of examination and treatment of patients with dental diseases; draw up an action plan to prevent professional errors based on an analysis of the results of one's own activities	Skills of participation in a clinical (clinical and anatomical) conference on the analysis of errors in professional activity
5.	GPC-4	Able to conduct and monitor the effectiveness of preventive measures, the formation of a healthy lifestyle and sanitary and hygienic education of the population	IGPC 4.1 Knows: the main criteria for a healthy lifestyle and methods of its formation; socio-hygienic and medical aspects of alcoholism, drug addiction, substance abuse, the basic principles of their prevention; forms and methods of sanitary and hygienic education among patients (their legal representatives), medical workers; basic health-improving hygiene measures that promote health and prevent the most common diseases; fundamentals of preventive medicine; stages of planning and implementation of community programs for the prevention of the most common diseases IGPC 4.2 Is 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 the most common diseases; to form in children and adults (their legal representatives) behavior aimed at maintaining and improving the level of somatic health; develop and implement programs for the formation of a healthy lifestyle, including programs to reduce the consumption of alcohol and tobacco, prevent and combat the non-medical consumption of narcotic drugs and psychotropic substances; develop a plan of preventive measures and implement methods of group and individual	The main criteria for a healthy lifestyle and methods of its formation; socio- hygienic and medical aspects of alcoholism, drug addiction, substance abuse, the basic principles of their prevention; forms and methods of sanitary and hygienic education among patients (their legal representatives), medical workers; basic health- improving hygiene measures that promote health and prevent the most common diseases; fundamentals of preventive medicine; stages of planning and implementation of community programs for the prevention of the	Conduct health and hygiene education among children and adults (their legal representatives) and medical workers in order to form a healthy lifestyle and prevent the most common diseases; to carry out sanitary and educational work among children and adults in order to form a healthy lifestyle and prevent the most common diseases; to form in children and adults (their legal representatives) behavior aimed at maintaining and improving the level of somatic health; develop and implement programs for the formation of a healthy lifestyle, including programs to reduce the	Skills in promoting a healthy lifestyle and preventing the most common diseases; skills in conducting health education work among children and adults; the skills of formation in children and adults (their legal representatives) of behavior aimed at maintaining and improving the level of somatic health; skills in the formation of healthy lifestyle programs, including programs to reduce alcohol and tobacco consumption, prevent and combat the non-medical consumption of narcotic drugs and psychotropic substances; skills in developing a plan of preventive measures and implementing

			prevention of the most common diseases; prescribe preventive measures to patients,	most common diseases	consumption of alcohol and	methods of group and individual
			taking into account risk factors for the		tobacco, prevent	prevention of the
			prevention and early detection of diseases,		and combat the	most common
			including cancer; select and prescribe drugs and non-drug methods for the prevention of		non-medical	diseases; skills in
			the most common diseases		consumption of narcotic drugs and	prescribing preventive measures
			IGPC 4.3 Has practical experience in:		psychotropic	for children and
			promotion of a healthy lifestyle and prevention		substances; develop	adults, taking into
			of the most common diseases; carrying out		a plan of preventive	account risk factors,
			sanitary-educational work among children and		measures and	oncological and
			adults; formation in children and adults (their		implement methods	hygienic prevention
			legal representatives) of behavior aimed at maintaining and improving the level of		of group and individual	in accordance with the procedures for
			somatic health; formation of healthy lifestyle		prevention of the	providing medical
			programs, including programs to reduce		most common	care, clinical
			alcohol and tobacco consumption, prevent and		diseases; prescribe	recommendations,
			combat the non-medical consumption of		preventive	taking into account
			narcotic drugs and psychotropic substances;		measures to	the standards of
			development of a plan of preventive measures and the implementation of methods of group		patients, taking into account risk factors	medical care; skills in selecting and
			and individual prevention of the most common		for the prevention	prescribing drugs
			diseases; prescribing preventive measures for		and early detection	and non-drug
			children and adults, taking into account risk		of diseases,	methods for the
1			factors, oncological and hygienic prevention in		including cancer;	prevention of the
1			accordance with the procedures for providing medical care, clinical recommendations, taking		select and prescribe drugs and non-drug	most common diseases
1			into account the standards of medical care;		methods for the	uiscases
1			selection and prescription of drugs and non-		prevention of the	
1			drug methods for the prevention of the most		most common	
			common diseases		diseases	
6.	GPC-	Able to conduct a	IGPC 5.1 Knows the methodology for	The methodology	Collect complaints,	The skills of
	5	patient examination in	collecting anamnesis of life and diseases, complaints from children and adults (their	for collecting an anamnesis of life	anamnesis of life and disease in	collecting complaints,
		order to establish	legal representatives); method of examination	and diseases,	children and adults	anamnesis of life
		a diagnosis in	and physical examination; clinical picture,	complaints from	(their legal	and disease in
		solving	diagnostic methods of the most common	children and adults	representatives),	children and adults
		professional	diseases; methods of laboratory and	(their legal	identify risk factors	(their legal
		problems	instrumental studies for assessing the state of	representatives); method of	and causes of the	representatives), identifying risk
			health, medical indications for conducting studies, rules for interpreting their results;	examination and	development of diseases; apply	factors and causes
			international statistical classification of	physical	methods of	of the development
			diseases and related health problems (ICD);	examination;	examination and	of diseases;
			conditions requiring emergency medical care	clinical picture,	physical	examination and
			IGPC 5.2 Is able to: collect complaints,	diagnostic methods	examination of	physical
			anamnesis of life and disease in children and adults (their legal representatives), identify	of the most common diseases;	children and adults;	examination skills for children and
			risk factors and causes of diseases; apply	methods of	interpret the results of the examination	adults; skills in
			methods of examination and physical	laboratory and	and physical	diagnosing the most
			examination of children and adults; interpret	instrumental	examination of	common diseases in
			the results of the examination and physical	studies for	children and adults;	children and adults;
			examination of children and adults; diagnose the most common pathology in children and	assessing the state of health, medical	diagnose the most common pathology	skills to identify risk factors for
			adults; identify risk factors for cancer;	indications for	in children and	major cancers; the
1			formulate a preliminary diagnosis, draw up a	conducting studies,	adults; identify risk	skills of formulating
1			plan for conducting laboratory, instrumental	rules for	factors for cancer;	a preliminary
1			and additional studies in children and adults in	interpreting their	formulate a	diagnosis, drawing
1			accordance with the procedures for providing medical care, clinical recommendations, taking	results; international	preliminary	up a plan for instrumental,
1			into account the standards of medical care;	statistical	diagnosis, draw up a plan for	laboratory,
1			refer children and adults to laboratory,	classification of	conducting	additional studies,
1			instrumental and additional studies in	diseases and related	laboratory,	consultations with
1			accordance with the current procedures for the	health problems	instrumental and	specialist doctors;
1			provision of dental care, clinical guidelines,	(ICD); conditions	additional studies in	the skills of
1			taking into account the standards of medical care; refer children and adults for	requiring emergency medical	children and adults in accordance with	referring patients to instrumental,
1			consultations to specialist doctors in	care	the procedures for	laboratory,
1			accordance with the procedures for providing		providing medical	additional studies,
1			medical care, clinical recommendations, taking		care, clinical	consultations of
1			into account the standards of medical care;		recommendations,	medical specialists
1			interpret and analyze the results of		taking into account	in accordance with
1			consultations by medical specialists for children and adults; interpret and analyze the		the standards of medical care; refer	the current procedures for the
1			results of basic (clinical) and additional		children and adults	provision of
			(laboratory, instrumental) examination		to laboratory,	medical care,
1			methods; conduct differential diagnosis of		instrumental and	clinical
1			diseases in children and adults; identify clinical signs of sudden acute diseases,		additional studies in accordance with the	recommendations, taking into account
1			conditions, exacerbations of chronic diseases		current procedures	the standards of
1					procodures	

			without obvious signs of a threat to life,		for the provision of	medical care; skills
			requiring emergency medical care		dental care, clinical	in interpreting data
			IGPC 5.3 Has practical experience in:		guidelines, taking	from additional
			collecting complaints, anamnesis of life and		into account the	(laboratory and
			diseases in children and adults (their legal		standards of	instrumental)
			representatives), identifying risk factors and		medical care; refer	examinations of
			causes of diseases; examination and physical		children and adults	patients; skills in
			examination of children and adults; diagnosis of the most common diseases in children and		for consultations to specialist doctors in	making a preliminary
			adults; identification of risk factors for major		accordance with the	diagnosis in
			cancers; formulating a preliminary diagnosis,		procedures for	accordance with the
			drawing up a plan for instrumental, laboratory,		providing medical	international
			additional studies, consultations with specialist		care, clinical	statistical
			doctors; referral of patients for instrumental,		recommendations.	classification of
			laboratory, additional studies, consultations of		taking into account	diseases and related
			medical specialists in accordance with the		the standards of	health problems
			current procedures for the provision of		medical care;	(ICD); skills in
			medical care, clinical recommendations, taking		interpret and	differential
			into account the standards of medical care;		analyze the results	diagnosis of
			interpretation of data from additional		of consultations by	diseases; skills in
			(laboratory and instrumental) examinations of		medical specialists	recognizing
			patients; making a preliminary diagnosis in		for children and	conditions that
			accordance with the international statistical		adults; interpret and	occur during sudden
			classification of diseases and related health		analyze the results	acute illnesses,
			problems (ICD); carrying out differential		of basic (clinical)	exacerbation of
			diagnostics of diseases; recognition of		and additional	chronic diseases
			conditions arising from sudden acute illnesses,		(laboratory,	without obvious
			exacerbation of chronic diseases without		instrumental)	signs of a threat to
			obvious signs of a threat to the patient's life		examination	the patient's life and
			and requiring emergency medical care		methods; conduct	requiring
					differential	emergency medical
					diagnosis of	care
					diseases in children	
					and adults; identify	
					clinical signs of	
					sudden acute	
					diseases,	
					conditions, exacerbations of	
					chronic diseases	
					without obvious	
					signs of a threat to	
					life, requiring	
					emergency medical	
					care	
7.	PC-1	The ability and	IPC 1.1 Knows:	General issues of	Collect complaints,	Skills in collecting
<i>'</i> .		readiness to	General issues of organizing medical care for	organizing medical	anamnesis of life	complaints,
		implement a set	adults and children	care for adults and	and disease in	anamnesis of life
		of measures	Anatomy of the head, maxillofacial region,	als 11 days as	children and adults	and disease in
		aimed at		children	children and addits	and discuse in
			features of blood supply and innervation,	Anatomy of the	(their legal	children and adults
1		maintaining and	structure of teeth	Anatomy of the head, maxillofacial	(their legal representatives)	children and adults (their legal
1		maintaining and strengthening	structure of teeth Histology and embryology of the oral cavity	Anatomy of the head, maxillofacial region, features of	(their legal representatives) with dental	children and adults (their legal representatives),
		maintaining and strengthening health and	structure of teeth Histology and embryology of the oral cavity and teeth, the main violations of	Anatomy of the head, maxillofacial region, features of blood supply and	(their legal representatives) with dental diseases, identify	children and adults (their legal representatives), identifying risk
		maintaining and strengthening health and including the	structure of teeth Histology and embryology of the oral cavity and teeth, the main violations of embryogenesis	Anatomy of the head, maxillofacial region, features of blood supply and innervation,	(their legal representatives) with dental diseases, identify risk factors and	children and adults (their legal representatives), identifying risk factors and causes
		maintaining and strengthening health and including the formation of a	structure of teeth Histology and embryology of the oral cavity and teeth, the main violations of embryogenesis Anatomical and functional state of the organs	Anatomy of the head, maxillofacial region, features of blood supply and innervation, structure of teeth	(their legal representatives) with dental diseases, identify risk factors and causes of dental	children and adults (their legal representatives), identifying risk factors and causes of dental diseases;
		maintaining and strengthening health and including the formation of a healthy lifestyle	structure of teeth Histology and embryology of the oral cavity and teeth, the main violations of embryogenesis Anatomical and functional state of the organs of the maxillofacial region, taking into account	Anatomy of the head, maxillofacial region, features of blood supply and innervation, structure of teeth Histology and	(their legal representatives) with dental diseases, identify risk factors and causes of dental diseases;	children and adults (their legal representatives), identifying risk factors and causes of dental diseases; skills in
		maintaining and strengthening health and including the formation of a healthy lifestyle for the patient	structure of teeth Histology and embryology of the oral cavity and teeth, the main violations of embryogenesis Anatomical and functional state of the organs of the maxillofacial region, taking into account age	Anatomy of the head, maxillofacial region, features of blood supply and innervation, structure of teeth Histology and embryology of the	(their legal representatives) with dental diseases, identify risk factors and causes of dental diseases; Interpret	children and adults (their legal representatives), identifying risk factors and causes of dental diseases; skills in examination and
		maintaining and strengthening health and including the formation of a healthy lifestyle for the patient (their relatives /	structure of teeth Histology and embryology of the oral cavity and teeth, the main violations of embryogenesis Anatomical and functional state of the organs of the maxillofacial region, taking into account age Normal and pathological physiology of the	Anatomy of the head, maxillofacial region, features of blood supply and innervation, structure of teeth Histology and embryology of the oral cavity and	(their legal representatives) with dental diseases, identify risk factors and causes of dental diseases; Interpret information	children and adults (their legal representatives), identifying risk factors and causes of dental diseases; skills in examination and physical
		maintaining and strengthening health and including the formation of a healthy lifestyle for the patient (their relatives / legal	structure of teeth Histology and embryology of the oral cavity and teeth, the main violations of embryogenesis Anatomical and functional state of the organs of the maxillofacial region, taking into account age Normal and pathological physiology of the dentition, its relationship with the functional	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	(their legal representatives) with dental diseases, identify risk factors and causes of dental diseases; Interpret information received from	children and adults (their legal representatives), identifying risk factors and causes of dental diseases; skills in examination and physical examination of
		maintaining and strengthening health and including the formation of a healthy lifestyle for the patient (their relatives /	structure of teeth Histology and embryology of the oral cavity and teeth, the main violations of embryogenesis Anatomical and functional state of the organs of the maxillofacial region, taking into account age Normal and pathological physiology of the dentition, its relationship with the functional state of other body systems and the levels of	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 violations of	(their legal representatives) with dental diseases, identify risk factors and causes of dental diseases; Interpret information received from children and adults	children and adults (their legal representatives), identifying risk factors and causes of dental diseases; skills in examination and physical examination of children and adults
		maintaining and strengthening health and including the formation of a healthy lifestyle for the patient (their relatives / legal representatives). Prevention of the	structure of teeth Histology and embryology of the oral cavity and teeth, the main violations of embryogenesis Anatomical and functional state of the organs of the maxillofacial region, taking into account age Normal and pathological physiology of the dentition, its relationship with the functional state of other body systems and the levels of their regulation	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 violations of embryogenesis	(their legal representatives) with dental diseases, identify risk factors and causes of dental diseases; Interpret information received from children and adults (their legal	children and adults (their legal representatives), identifying risk factors and causes of dental diseases; skills in examination and physical examination of children and adults with dental
		maintaining and strengthening health and including the formation of a healthy lifestyle for the patient (their relatives / legal representatives).	structure of teeth Histology and embryology of the oral cavity and teeth, the main violations of embryogenesis Anatomical and functional state of the organs of the maxillofacial region, taking into account age Normal and pathological physiology of the dentition, its relationship with the functional state of other body systems and the levels of	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 violations of	(their legal representatives) with dental diseases, identify risk factors and causes of dental diseases; Interpret information received from children and adults	children and adults (their legal representatives), identifying risk factors and causes of dental diseases; skills in examination and physical examination of children and adults
		maintaining and strengthening health and including the formation of a healthy lifestyle for the patient (their relatives / legal representatives). Prevention of the occurrence and	structure of teeth Histology and embryology of the oral cavity and teeth, the main violations of embryogenesis Anatomical and functional state of the organs of the maxillofacial region, taking into account age Normal and pathological physiology of the dentition, its relationship with the functional state of other body systems and the levels of their regulation The role of oral hygiene, nutrition and the use	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 violations of embryogenesis Anatomical and	(their legal representatives) with dental diseases, identify risk factors and causes of dental diseases; Interpret information received from children and adults (their legal representatives)	children and adults (their legal representatives), identifying risk factors and causes of dental diseases; skills in examination and physical examination of children and adults with dental diseases; diagnostic
		maintaining and strengthening health and including the formation of a healthy lifestyle for the patient (their relatives / legal representatives). Prevention of the occurrence and (or) spread of	structure of teeth Histology and embryology of the oral cavity and teeth, the main violations of embryogenesis Anatomical and functional state of the organs of the maxillofacial region, taking into account age Normal and pathological physiology of the dentition, its relationship with the functional state of other body systems and the levels of their regulation The role of oral hygiene, nutrition and the use of fluoride in the prevention of dental and	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 violations of embryogenesis Anatomical and functional state of	(their legal representatives) with dental diseases, identify risk factors and causes of dental diseases; Interpret information received from children and adults (their legal representatives) with dental	children and adults (their legal representatives), identifying risk factors and causes of dental diseases; skills in examination and physical examination of children and adults with dental diseases; diagnostic skills in children
		maintaining and strengthening health and including the formation of a healthy lifestyle for the patient (their relatives / legal representatives). Prevention of the occurrence and (or) spread of dental diseases,	structure of teeth Histology and embryology of the oral cavity and teeth, the main violations of embryogenesis Anatomical and functional state of the organs of the maxillofacial region, taking into account age Normal and pathological physiology of the dentition, its relationship with the functional state of other body systems and the levels of their regulation The role of oral hygiene, nutrition and the use of fluoride in the prevention of dental and periodontal diseases	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 violations of embryogenesis Anatomical and functional state of the organs of the	(their legal representatives) with dental diseases, identify risk factors and causes of dental diseases; Interpret information received from children and adults (their legal representatives) with dental diseases;	children and adults (their legal representatives), identifying risk factors and causes of dental diseases; skills in examination and physical examination of children and adults with dental diseases; diagnostic skills in children and adults:
		maintaining and strengthening health and including the formation of a healthy lifestyle for the patient (their relatives / legal representatives). Prevention of the occurrence and (or) spread of dental diseases, their early diagnosis, identification of	structure of teeth Histology and embryology of the oral cavity and teeth, the main violations of embryogenesis Anatomical and functional state of the organs of the maxillofacial region, taking into account age Normal and pathological physiology of the dentition, its relationship with the functional state of other body systems and the levels of their regulation The role of oral hygiene, nutrition and the use of fluoride in the prevention of dental and periodontal diseases The method of collecting an anamnesis of life and diseases, complaints from children and adults (their legal representatives) with dental	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 violations of embryogenesis Anatomical and functional state of the organs of the maxillofacial region, taking into account age	(their legal representatives) with dental diseases, identify risk factors and causes of dental diseases; Interpret information received from children and adults (their legal representatives) with dental diseases; Apply methods of examination and physical	children and adults (their legal representatives), identifying risk factors and causes of dental diseases; skills in examination and physical examination of children and adults with dental diseases; diagnostic skills in children and adults: - dental caries, - non-carious lesions,
		maintaining and strengthening health and including the formation of a healthy lifestyle for the patient (their relatives / legal representatives). Prevention of the occurrence and (or) spread of dental diseases, their early diagnosis, identification of the causes and	structure of teeth Histology and embryology of the oral cavity and teeth, the main violations of embryogenesis Anatomical and functional state of the organs of the maxillofacial region, taking into account age Normal and pathological physiology of the dentition, its relationship with the functional state of other body systems and the levels of their regulation The role of oral hygiene, nutrition and the use of fluoride in the prevention of dental and periodontal diseases The method of collecting an anamnesis of life and diseases, complaints from children and adults (their legal representatives) with dental diseases	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 violations of embryogenesis Anatomical and functional state of the organs of the maxillofacial region, taking into account age Normal and	(their legal representatives) with dental diseases, identify risk factors and causes of dental diseases; Interpret information received from children and adults (their legal representatives) with dental diseases; Apply methods of examination and physical examination of	children and adults (their legal representatives), identifying risk factors and causes of dental diseases; skills in examination and physical examination of children and adults with dental diseases; diagnostic skills in children and adults: - dental caries, - non-carious
		maintaining and strengthening health and including the formation of a healthy lifestyle for the patient (their relatives / legal representatives). Prevention of the occurrence and (or) spread of dental diseases, their early diagnosis, identification of the causes and conditions for the	structure of teeth Histology and embryology of the oral cavity and teeth, the main violations of embryogenesis Anatomical and functional state of the organs of the maxillofacial region, taking into account age Normal and pathological physiology of the dentition, its relationship with the functional state of other body systems and the levels of their regulation The role of oral hygiene, nutrition and the use of fluoride in the prevention of dental and periodontal diseases The method of collecting an anamnesis of life and diseases, complaints from children and adults (their legal representatives) with dental diseases Goals and objectives of individual and	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 violations of embryogenesis Anatomical and functional state of the organs of the maxillofacial region, taking into account age Normal and pathological	(their legal representatives) with dental diseases, identify risk factors and causes of dental diseases; Interpret information received from children and adults (their legal representatives) with dental diseases; Apply methods of examination and physical examination of children and adults	children and adults (their legal representatives), identifying risk factors and causes of dental diseases; skills in examination and physical examination of children and adults with dental diseases; diagnostic skills in children and adults: - dental caries, - non-carious lesions, - diseases of the pulp and
		maintaining and strengthening health and including the formation of a healthy lifestyle for the patient (their relatives / legal representatives). Prevention of the occurrence and (or) spread of dental diseases, their early diagnosis, identification of the causes and conditions for the occurrence and	structure of teeth Histology and embryology of the oral cavity and teeth, the main violations of embryogenesis Anatomical and functional state of the organs of the maxillofacial region, taking into account age Normal and pathological physiology of the dentition, its relationship with the functional state of other body systems and the levels of their regulation The role of oral hygiene, nutrition and the use of fluoride in the prevention of dental and periodontal diseases The method of collecting an anamnesis of life and diseases, complaints from children and adults (their legal representatives) with dental diseases Goals and objectives of individual and professional oral hygiene	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 violations of embryogenesis Anatomical and functional state of the organs of the maxillofacial region, taking into account age Normal and pathological physiology of the	(their legal representatives) with dental diseases, identify risk factors and causes of dental diseases; Interpret information received from children and adults (their legal representatives) with dental diseases; Apply methods of examination and physical examination of children and adults with dental	children and adults (their legal representatives), identifying risk factors and causes of dental diseases; skills in examination and physical examination of children and adults with dental diseases; diagnostic skills in children and adults: - dental caries, - non-carious lesions, - diseases of the pulp and periodontium,
		maintaining and strengthening health and including the formation of a healthy lifestyle for the patient (their relatives / legal representatives). Prevention of the occurrence and (or) spread of dental diseases, their early diagnosis, identification of the causes and conditions for the occurrence and development, as	structure of teeth Histology and embryology of the oral cavity and teeth, the main violations of embryogenesis Anatomical and functional state of the organs of the maxillofacial region, taking into account age Normal and pathological physiology of the dentition, its relationship with the functional state of other body systems and the levels of their regulation The role of oral hygiene, nutrition and the use of fluoride in the prevention of dental and periodontal diseases The method of collecting an anamnesis of life and diseases, complaints from children and adults (their legal representatives) with dental diseases Goals and objectives of individual and professional oral hygiene Hygienic indices and methods for their	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 violations of embryogenesis Anatomical and functional state of the organs of the maxillofacial region, taking into account age Normal and pathological physiology of the dentition, its	(their legal representatives) with dental diseases, identify risk factors and causes of dental diseases; Interpret information received from children and adults (their legal representatives) with dental diseases; Apply methods of examination and physical examination of children and adults with dental diseases;	children and adults (their legal representatives), identifying risk factors and causes of dental diseases; skills in examination and physical examination of children and adults with dental diseases; diagnostic skills in children and adults: - dental caries, - non-carious lesions, - diseases of the pulp and periodontium, - periodontium,
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		maintaining and strengthening health and including the formation of a healthy lifestyle for the patient (their relatives / legal representatives). Prevention of the occurrence and (or) spread of dental diseases, their early diagnosis, identification of the causes and conditions for the occurrence and development, as well as	structure of teeth Histology and embryology of the oral cavity and teeth, the main violations of embryogenesis Anatomical and functional state of the organs of the maxillofacial region, taking into account age Normal and pathological physiology of the dentition, its relationship with the functional state of other body systems and the levels of their regulation The role of oral hygiene, nutrition and the use of fluoride in the prevention of dental and periodontal diseases The method of collecting an anamnesis of life and diseases, complaints from children and adults (their legal representatives) with dental diseases Goals and objectives of individual and professional oral hygiene Hygienic indices and methods for their determination Methods of examination and physical examination, features of clinical dental examination in children and adults with dental diseases	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 violations of embryogenesis Anatomical and functional state of the organs of the maxillofacial region, taking into account age Normal and pathological physiology of the dentition, its relationship with the functional state of other body systems and the levels of their	(their legal representatives) with dental diseases, identify risk factors and causes of dental diseases; Interpret information received from children and adults (their legal representatives) with dental diseases; Apply methods of examination and physical examination of children and adults with dental diseases; Interpret the results of the examination and physical examination of children and adults	children and adults (their legal representatives), identifying risk factors and causes of dental diseases; skills in examination and physical examination of children and adults with dental diseases; diagnostic skills in children and adults: - dental caries, - non-carious lesions, - diseases of the pulp and periodontium, - periodontium, - mucous membranes of the mouth and lips, - defects of teeth, - defects in the
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		maintaining and strengthening health and including the formation of a healthy lifestyle for the patient (their relatives / legal representatives). Prevention of the occurrence and (or) spread of dental diseases, their early diagnosis, identification of the causes and conditions for the occurrence and development, as well as	structure of teeth Histology and embryology of the oral cavity and teeth, the main violations of embryogenesis Anatomical and functional state of the organs of the maxillofacial region, taking into account age Normal and pathological physiology of the dentition, its relationship with the functional state of other body systems and the levels of their regulation The role of oral hygiene, nutrition and the use of fluoride in the prevention of dental and periodontal diseases The method of collecting an anamnesis of life and diseases, complaints from children and adults (their legal representatives) with dental diseases Goals and objectives of individual and professional oral hygiene Hygienic indices and methods for their determination Methods of examination and physical examination, features of clinical dental examination in children and adults with dental diseases	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 violations of embryogenesis Anatomical and functional state of the organs of the maxillofacial region, taking into account age Normal and pathological physiology of the dentition, its relationship with the functional state of other body systems and the levels of their	(their legal representatives) with dental diseases, identify risk factors and causes of dental diseases; Interpret information received from children and adults (their legal representatives) with dental diseases; Apply methods of examination and physical examination of children and adults with dental diseases; Interpret the results of the examination and physical examination of children and adults	children and adults (their legal representatives), identifying risk factors and causes of dental diseases; skills in examination and physical examination of children and adults with dental diseases; diagnostic skills in children and adults: - dental caries, - non-carious lesions, - diseases of the pulp and periodontium, - periodontium, - mucous membranes of the mouth and lips, - defects of teeth, - defects in the

	and adults	and the use of	of the pulp and	and jaws,
	Clinical picture, diagnostic methods,	fluoride in the	periodontium,	- complete absence
	classification of diseases of the bone tissue of	prevention of	periodontal disease,	of teeth; skills
	the jaws, peripheral nervous system of the	dental and	oral mucosa and	identifying risk
	maxillofacial region, temporomandibular joint	periodontal	lips in children and	factors for
	in children and adults	diseases	adults with dental	oncological diseases
	Methods of laboratory and instrumental	The method of	diseases of hard	of the maxillofacial
	studies for assessing the state of health,	collecting an	tissues of the teeth;	region in children
	medical indications for conducting studies,	anamnesis of life	Diagnose in	and adults with
	rules for interpreting their results	and diseases,	children and adults	dental diseases
	Medical indications and contraindications for	complaints from	with dental diseases	Formulation of a
	the use of additional examination methods	children and adults	defects of the teeth,	preliminary
	Medical devices used in the provision of	(their legal	dentition,	diagnosis, drawing
	medical care to children and adults with dental	representatives)	dentoalveolar	up a plan for
	diseases	with dental	deformities and	instrumental,
	International Statistical Classification of	diseases	anomalies of the	laboratory,
	Diseases and Related Health Problems (ICD)	Goals and	teeth and jaws, the	additional studies,
	The procedure for providing medical care to	objectives of	complete absence	consultations of
	the adult population with dental diseases	individual and	of teeth and the	specialist doctors in
	The procedure for providing medical care to	professional oral	prerequisites for	children and adults
	children with dental diseases	hygiene	their development,	with dental
	Clinical guidelines for the provision of dental	Hygienic indices	trauma to the teeth,	diseases; skills
	care	and methods for	bones of the facial skeleton and soft	referral of children
	Conditions requiring emergency medical	their determination Methods of		and adults with
	attention Sanitary and epidemiological requirements	examination and	tissues of the	dental diseases for
	and issues of organizing sanitary and anti-		maxillofacial	instrumental,
	epidemic (preventive) measures in order to	physical examination,	region; To identify risk	laboratory, additional studies,
	prevent the occurrence and spread of	features of clinical	factors for	consultations of
	infectious diseases	dental examination	oncological	specialist doctors in
	IPC 1.2 Able to:	in children and	diseases of the	children and adults
	Collect complaints, anamnesis of life and	adults with dental	maxillofacial region	with dental diseases
	disease in children and adults (their legal	diseases	in children and	in accordance with
	representatives) with dental diseases, identify	Clinical picture,	adults with dental	the current
	risk factors and causes of dental diseases	diagnostic	diseases;	procedures for
	Interpret information received from children	methods,	Formulate a	providing dental
	and adults (their legal representatives) with	classification of	preliminary	care to adults and
	dental diseases	diseases of the	diagnosis, draw up	children, clinical
	Apply methods of examination and physical	teeth,	a plan for	recommendations,
	examination of children and adults with dental	periodontium, oral	conducting	taking into account
	diseases	mucosa, lips in	laboratory,	the standards of
	Interpret examination and physical	children and adults	instrumental and	medical care;
	examination findings in children and adults	Clinical picture,	additional studies in	skills in interpreting
	with dental disease	diagnostic	children and adults	data from additional
	Diagnose diseases of the pulp and	methods,	with dental diseases	(laboratory and
	periodontium, periodontal disease, oral	classification of	in accordance with	instrumental)
	mucosa and lips in children and adults with	diseases of the	the procedures for	examinations of
	dental diseases of the hard tissues of the teeth	bone tissue of the	providing medical	patients (including
	Diagnose in children and adults with dental	jaws, peripheral	care, clinical	radiological
	diseases defects of teeth, dentition,	nervous system of	recommendations,	methods); skills
	dentoalveolar deformities and anomalies of	the maxillofacial	taking into account	making a
	teeth and jaws, complete absence of teeth and	region,	the standards of	preliminary
	prerequisites for their development, injuries of	temporomandibular	medical care;	diagnosis in
	teeth, bones of the facial skeleton and soft	joint in children	Refer children and	accordance with the
	tissues of the maxillofacial region	and adults	adults with dental	International
	To identify risk factors for oncological	Methods of	diseases for	Statistical
	diseases of the maxillofacial region in children	laboratory and	laboratory,	Classification of
	and adults with dental diseases	instrumental	instrumental and	Diseases and
	Formulate a preliminary diagnosis, draw up a	studies for	additional studies in	Related Health
	plan for conducting laboratory, instrumental	assessing the state	accordance with the	Problems (ICD);
	and additional studies in children and adults	of health, medical	current procedures	skills
	with dental diseases in accordance with the	indications for	for the provision of	differential
	procedures for providing medical care, clinical	conducting studies, rules for	dental medical care,	diagnosis of dental diseases; skills
	recommendations, taking into account the standards of medical care	interpreting their	clinical guidelines,	making a final
	Refer children and adults with dental diseases	results	taking into account the standards of	diagnosis in
	for laboratory, instrumental and additional	Medical indications	medical care;	accordance with the
	studies in accordance with the current	and	Refer children and	International
	procedures for the provision of dental care,	contraindications	adults with dental	Statistical
	clinical guidelines, taking into account the	for the use of	diseases for	Classification of
	standards of medical care	additional	consultations with	Diseases and
	Refer children and adults with dental diseases	examination	specialist doctors in	Related Health
	for consultations with specialist doctors in	methods	accordance with the	Problems (ICD);
	accordance with the procedures for providing	Medical devices	procedures for	skills
	medical care, clinical guidelines, taking into	used in the	providing medical	recognition of
	account the standards of medical care	provision of	care, clinical	conditions arising
	Interpret and analyze the results of	medical care to	recommendations,	from sudden acute
	consultations by medical specialists of	children and adults	taking into account	illnesses,
	children and adults with dental diseases	with dental	the standards of	exacerbation of

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			Justify the need and scope of additional	diseases	medical care;	chronic diseases
			examinations of patients (including X-ray	International	Interpret and	without obvious
			methods)	Statistical	analyze the results	signs of a threat to
			Interpret and analyze the results of basic	Classification of	of consultations by	the patient's life and
			(clinical) and additional (laboratory,	Diseases and	medical specialists	requiring
			instrumental) examination methods in children	Related Health	for children and	emergency medical
			and adults with dental diseases, including X-	Problems (ICD)	adults with dental	care
			ray data Conduct differential diagnosis of dental	The procedure for	diseases;	
			Conduct differential diagnosis of dental	providing medical	Justify the need and	
			diseases in children and adults	care to the adult	scope of additional	
1			Formulate a final diagnosis in accordance with the International Statistical Classification of	population with dental diseases	examinations of	
			Diseases and Related Health Problems (ICD)	The procedure for	patients (including X-ray methods);	
			Diseases and Related Health Hoblenis (ICD) Detect clinical signs of sudden acute diseases,	providing medical	Interpret and	
			conditions, exacerbations of chronic diseases	care to children	analyze the results	
			without obvious signs of a threat to life,	with dental	of basic (clinical)	
			requiring emergency medical care	diseases	and additional	
			IPC 1.3 Has practical experience:	Clinical guidelines	(laboratory,	
			Collection of complaints, anamnesis of life	for the provision of	instrumental)	
			and disease in children and adults (their legal	dental care	examination	
			representatives), identification of risk factors	Conditions	methods in children	
			and causes of dental diseases	requiring	and adults with	
			Examination and physical examination of	emergency medical	dental diseases,	
			children and adults with dental diseases	attention	including X-ray	
			Diagnosis in children and adults:	Sanitary and	data;	
			- dental caries,	epidemiological	Conduct differential	
			- non-carious lesions,	requirements and	diagnosis of dental	
			- diseases of the pulp and periodontium,	issues of	diseases in children	
			- periodontium,	organizing sanitary	and adults;	
			- mucous membranes of the mouth and lips,	and anti-epidemic	Formulate a final	
			- defects of teeth,	(preventive)	diagnosis in	
			- defects in the dentition,	measures in order	accordance with the	
			- dental deformities,	to prevent the	International	
			- anomalies of teeth and jaws,	occurrence and	Statistical	
			- complete absence of teeth	spread of infectious	Classification of	
			Identification of risk factors for oncological	diseases	Diseases and	
1			diseases of the maxillofacial region in children		Related Health	
			and adults with dental diseases		Problems (ICD);	
			Formulation of a preliminary diagnosis,		Detect clinical signs	
			drawing up a plan for instrumental, laboratory,		of sudden acute	
			additional studies, consultations of specialist		diseases,	
			doctors in children and adults with dental		conditions,	
			diseases		exacerbations of	
1			Referral of children and adults with dental		chronic diseases	
			diseases for instrumental, laboratory,		without obvious	
			additional studies, consultations of specialist		signs of a threat to	
			doctors in children and adults with dental		life, requiring	
			diseases in accordance with the current procedures for the provision of dental medical		emergency medical	
			care to adults and children, clinical		care	
			recommendations, taking into account the			
1			standards of medical care			
			Interpretation of data from additional			
			(laboratory and instrumental) examinations of			
			patients (including radiological methods)			
			Making a preliminary diagnosis in accordance			
	1	1	with the International Statistical Classification	1		
1						
			of Diseases and Related Health Problems			
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1			of Diseases and Related Health Problems			
			of Diseases and Related Health Problems (ICD)			
			of Diseases and Related Health Problems (ICD) Carrying out differential diagnostics of dental			
			of Diseases and Related Health Problems (ICD) Carrying out differential diagnostics of dental diseases			
			of Diseases and Related Health Problems (ICD) Carrying out differential diagnostics of dental diseases Making a final diagnosis in accordance with			
			of Diseases and Related Health Problems (ICD) Carrying out differential diagnostics of dental diseases Making a final diagnosis in accordance with the International Statistical Classification of			
			of Diseases and Related Health Problems (ICD) Carrying out differential diagnostics of dental diseases Making a final diagnosis in accordance with the International Statistical Classification of Diseases and Related Health Problems (ICD) Recognition of conditions arising from sudden acute illnesses, exacerbation of chronic			
			of Diseases and Related Health Problems (ICD) Carrying out differential diagnostics of dental diseases Making a final diagnosis in accordance with the International Statistical Classification of Diseases and Related Health Problems (ICD) Recognition of conditions arising from sudden acute illnesses, exacerbation of chronic diseases without obvious signs of a threat to			
			of Diseases and Related Health Problems (ICD) Carrying out differential diagnostics of dental diseases Making a final diagnosis in accordance with the International Statistical Classification of Diseases and Related Health Problems (ICD) Recognition of conditions arising from sudden acute illnesses, exacerbation of chronic diseases without obvious signs of a threat to the patient's life and requiring emergency			
			of Diseases and Related Health Problems (ICD) Carrying out differential diagnostics of dental diseases Making a final diagnosis in accordance with the International Statistical Classification of Diseases and Related Health Problems (ICD) Recognition of conditions arising from sudden acute illnesses, exacerbation of chronic diseases without obvious signs of a threat to the patient's life and requiring emergency medical care			
8.	PC-6	Willingness to	of Diseases and Related Health Problems (ICD) Carrying out differential diagnostics of dental diseases Making a final diagnosis in accordance with the International Statistical Classification of Diseases and Related Health Problems (ICD) Recognition of conditions arising from sudden acute illnesses, exacerbation of chronic diseases without obvious signs of a threat to the patient's life and requiring emergency medical care IPC 6.1 Knows:	The methodology	Interpret the results	The skills of
8.	PC-6	collect and	of Diseases and Related Health Problems (ICD) Carrying out differential diagnostics of dental diseases Making a final diagnosis in accordance with the International Statistical Classification of Diseases and Related Health Problems (ICD) Recognition of conditions arising from sudden acute illnesses, exacerbation of chronic diseases without obvious signs of a threat to the patient's life and requiring emergency medical care IPC 6.1 Knows: The methodology for collecting complaints	for collecting	of examination,	interpreting the
8.	PC-6	collect and analyze	of Diseases and Related Health Problems (ICD) Carrying out differential diagnostics of dental diseases Making a final diagnosis in accordance with the International Statistical Classification of Diseases and Related Health Problems (ICD) Recognition of conditions arising from sudden acute illnesses, exacerbation of chronic diseases without obvious signs of a threat to the patient's life and requiring emergency medical care IPC 6.1 Knows: The methodology for collecting complaints and anamnesis from patients (their legal	for collecting complaints and	of examination, laboratory,	interpreting the results of
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provision of Diseases and Related Health Problems, and taking into account diagnosis, a	e and
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s on the provision Development of a treatment plan for children clinical	,
of medical care, and adults with dental diseases, taking into	tions
etc.) account the diagnosis, age and clinical picture taking into	
in accordance with the current procedures for	
the provision of medical care, clinical medical care	
recommendations, taking into account the	
standards of medical care	
9. PC-7 Able to refer the patient for Methods of drug and non-drug treatment, Methods of drug and non-drug treatment, Skills in the treatment of selection and selection a	1
laboratory, medical indications for the use of medical treatment, medical children and adults prescription	
instrumental devices for dental diseases indications for the with dental diseases medicines,	
examination, for a Groups of drugs used to provide medical care use of medical in accordance with devices (inc	
consultation with in the treatment of dental diseases; the devices for dental the procedures for dental mate	
specialist doctors mechanism of their action, medical indications diseases the provision of the treatment	
if there are and contraindications to the appointment; Groups of drugs medical care, dental diseases	
medical compatibility, possible complications, side used to provide clinical guidelines, children and	
indications in effects, adverse reactions, including serious medical care in the taking into account in accordan	
accordance with and unexpected and unexpected the standards of the current	
the current Principles, techniques and methods of diseases; the care procedures	or the
procedures for the anesthesia, selection of the type of local mechanism of their Select and prescribe provision of	
provision of anesthesia in the treatment of dental diseases action, medical medicines, medical medical car	
medical care, Ways to prevent or eliminate complications, indications and devices (including clinical	
clinical side effects, adverse reactions, including contraindications to dental materials), recommend	tions.
recommendations serious and unforeseen, that occurred during the appointment; dietary nutrition, taking into	
(treatment the examination or treatment of patients with compatibility, medical and the standard	
protocols) on the diseases of the teeth, pulp, periodontium, possible recreational medical car	
provision of periodontium, oral mucosa and lips complications, side regimen for the prescribing	
medical care, Materials science, technologies, equipment effects, adverse treatment of nutrition, he	-
taking into and medical products used in dentistry reactions, including children and adults improving r	
account the Anatomy of the head, maxillofacial region, serious and with dental diseases in the treatr	0
standards of features of blood supply and innervation; the unexpected in accordance with dental disea	
medical care, and structure of the teeth; histology and Principles, the current children and	
also refer the embryology of the oral cavity and teeth, the techniques and procedures for the in accordan	
patient for main violations of embryogenesis methods of provision of the current	-
providing IPK 7.2. Able to: anesthesia, medical care, procedures	or the
specialized Develop a plan for the treatment of children selection of the clinical provision of	
medical care in an and adults with dental diseases in accordance type of local recommendations, medical care	
inpatient setting with the procedures for the provision of anesthesia in the taking into account clinical	,
or in a day medical care, clinical guidelines, taking into treatment of dental the standards of recommend	
	tions.

hospital if there	account the standards of care	diseases	medical care	taking into account
are medical	Select and prescribe medicines, medical	Ways to prevent or	Determine medical	the standards of
indications in	devices (including dental materials), dietary	eliminate	indications and	medical care; skills
accordance with	nutrition, medical and recreational regimen for	complications, side	contraindications	performing medical
the current	the treatment of children and adults with	effects, adverse	for local anesthesia	interventions in
procedures for the	dental diseases in accordance with the current	reactions, including	techniques in the	children and adults
provision of	procedures for the provision of medical care,	serious and	maxillofacial region	with dental diseases
medical care,	clinical recommendations, taking into account	unforeseen, that	Perform local	in accordance with
clinical	the standards of medical care	occurred during the	anesthesia	the current
recommendations	Determine medical indications and	examination or	(application,	procedures for the
(treatment	contraindications for local anesthesia	treatment of	infiltration.	provision of
protocols) on the	techniques in the maxillofacial region	patients with	conduction) in	medical care,
provision of	Perform local anesthesia (application,	diseases of the	children and adults	clinical guidelines,
medical care,	infiltration, conduction) in children and adults	teeth, pulp,	with dental diseases	taking into account
taking into	with dental diseases	periodontium,	Perform medical	the standards of
account the	Perform medical interventions, including	periodontium, oral	interventions,	medical care; skills
standards of	therapeutic ones, in children and adults with	mucosa and lips	including	evaluating the
medical care	dental diseases on an outpatient basis	Materials science,	therapeutic ones, in	results of medical
inculcar care	(excluding repeated endodontic treatment):	technologies,	children and adults	interventions in
	- individual training in oral and dental	equipment and	with dental diseases	children and adults
	hygiene, selection of means and items for oral	medical products		with dental
		used in dentistry	on an outpatient	
	hygiene		basis (excluding repeated endodontic	diseases; skills
	- controlled brushing of teeth	Anatomy of the	1	selection of the type
	- professional oral and dental hygiene	head, maxillofacial	treatment):	and conduct of local
	- injection of drugs in the maxillofacial area	region, features of	- individual training	anesthesia
	- local application of remineralizing	blood supply and	in oral and dental	(application,
	preparations in the area of the tooth	innervation; the	hygiene, selection	infiltration,
	- deep fluoridation of tooth enamel	structure of the	of means and items	conduction) in
	- sealing the fissure of the tooth with a sealant	teeth; histology and	for oral hygiene	children and adults
	- professional teeth whitening	embryology of the	- controlled	with dental
	- grinding of hard tissues of the tooth	oral cavity and	brushing of teeth	diseases; skills
	- restoration of a tooth with a filling using	teeth, the main	- professional oral	evaluation of the
	dental cements, chemical curing materials,	violations of	and dental hygiene	effectiveness and
	photopolymers	embryogenesis	 injection of drugs 	safety of the use of
	- restoration of teeth with a violation of the		in the maxillofacial	drugs, medical
	contact point		area	devices and non-
	- tooth restoration with filling material using		- local application	drug treatment in
	anchor pins		of remineralizing	children and adults
	- application of devitalizing paste		preparations in the	with dental
	- pulpotomy (amputation of the coronal pulp)		area of the tooth	diseases; skills
	- pulp extirpation		- deep fluoridation	counseling children
	- instrumental and medical treatment of a well-		of tooth enamel	and adults with
	passable root canal		- sealing the fissure	diseases of the
	- temporary filling of the root canal with a		of the tooth with a	mucous membranes
	drug		sealant	of the mouth and
	- filling the root canal of the tooth with paste,		- professional teeth	lips, determining
	gutta-percha pins		whitening	indications for
	- removal of supragingival and subgingival		- grinding of hard	referral to a
	plaque in the tooth area (manual method)		tissues of the tooth	consultation with
	- ultrasonic removal of supragingival and		- restoration of a	specialist doctors;
	subgingival dental deposits in the tooth area		tooth with a filling	skills
	- closed curettage for periodontal diseases in		using dental	selection and
	the tooth area		cements, chemical	prescription of
	- application of a medical dressing for		curing materials,	medicines and
	periodontal diseases in the area of one jaw		photopolymers	medical devices,
	- prescription of drug therapy for diseases of		- restoration of teeth	taking into account
	the oral cavity and teeth		with a violation of	the diagnosis, age
	- appointment of dietary therapy for diseases		the contact point	and clinical picture
	of the oral cavity and teeth		- tooth restoration	of a dental disease
	Perform medical interventions, including		with filling material	in accordance with
	surgical ones, in children and adults with		using anchor pins	the procedures for
	dental diseases on an outpatient basis		- application of	providing medical
	(excluding the extraction of impacted and		devitalizing paste	care, clinical
	dystopic teeth):		- pulpotomy	recommendations,
	- removal of a tooth		(amputation of the	taking into account
	- removal of a temporary tooth		coronal pulp)	the standards of
	- removal of a temporary tooth - permanent tooth extraction		- pulp extirpation	medical care; skills
	- permanent tooth extraction - opening and drainage of odontogenic abscess		- pulp extirpation - instrumental and	determining the
			- instrumental and medical treatment	methods of
	Carry out phased sanitation of the oral cavity (excluding sanitation of the oral cavity in			
			of a well-passable	administration,
	children under anesthesia)		root canal	regimen and dose of
	Perform medical interventions, including		- temporary filling	drugs; skills
	orthopedic, in adults with dental diseases on		of the root canal	selection and
	an outpatient basis (excluding prosthetics on		with a drug	appointment of non-
	dental implants, technologies for automated		- filling the root	drug treatment for
	production of orthopedic structures, complete		canal of the tooth	children and adults
	removable lamellar and clasp dentures):		with paste, gutta-	with dental diseases
	- obtaining anatomical and functional		percha pins	in accordance with
	impressions		- removal of	the procedures for

			-
	- restoration of a tooth with a crown	supragingival and	providing medical
	- restoration of the integrity of the dentition	subgingival plaque	care, clinical
	with fixed bridges	in the tooth area	recommendations,
	- prosthetics with partial removable lamellar	(manual method)	taking into account
	dentures	 ultrasonic removal 	the standards of
	- correction of a removable orthopedic	of supragingival	medical care; skills
	structure	and subgingival	prevention and
	- removal of a fixed orthopedic structure	dental deposits in	treatment of
	Interpret the results of X-ray studies of the	the tooth area	complications, side
	maxillofacial region	- closed curettage	effects, adverse
	Conduct counseling for children and adults	for periodontal	reactions, including
	with diseases of the mucous membranes of the	diseases in the tooth	unforeseen ones,
	mouth and lips, determine indications for	area	resulting from
	referral for a consultation with specialist	- application of a	diagnostic or
	doctors	medical dressing	therapeutic
	Prevent or eliminate complications, side	for periodontal	manipulations, the
	effects, adverse reactions, including	diseases in the area	use of drugs and
	unforeseen ones, resulting from diagnostic or	of one jaw	(or) medical
	therapeutic manipulations, the use of drugs	- prescription of	devices, non-drug
	and (or) medical devices, non-drug treatment	drug therapy for	treatment at a dental
	IPC 7.3 Has practical experience:	diseases of the oral	appointment; skills
	Selection and prescription of medicines,	cavity and teeth	11
		•	providing medical
	medical devices (including dental materials)	- appointment of	care to children and
	for the treatment of dental diseases in children	dietary therapy for	adults in case of
	and adults in accordance with the current	diseases of the oral	sudden acute
	procedures for the provision of medical care,	cavity and teeth	diseases, conditions,
	clinical guidelines, taking into account the	Perform medical	exacerbation of
	standards of medical care	interventions,	chronic diseases
	Prescribing dietary nutrition, health-improving	including surgical	without obvious
	regimen in the treatment of dental diseases in	ones, in children	signs of a threat to
	children and adults in accordance with the	and adults with	the life of the
	current procedures for the provision of	dental diseases on	patient in an
	medical care, clinical recommendations, taking	an outpatient basis	emergency; skills
	into account the standards of medical care	(excluding the	the use of medicines
	Performing medical interventions in children	extraction of	and medical devices
	and adults with dental diseases in accordance	impacted and	in the provision of
	with the current procedures for the provision	dystopic teeth):	medical care in an
	of medical care, clinical guidelines, taking into	- removal of a tooth	emergency form
	account the standards of medical care	- removal of a	energency form
	Evaluation of the results of medical		
		temporary tooth	
	interventions in children and adults with dental	- permanent tooth	
	diseases	extraction	
	Selection of the type and conduct of local	- opening and	
	anesthesia (application, infiltration,	drainage of	
	conduction) in children and adults with dental	odontogenic	
	diseases	abscess	
	Evaluation of the efficacy and safety of the use	Carry out phased	
	of drugs, medical devices and non-drug	sanitation of the	
	treatment in children and adults with dental	oral cavity	
	diseases	(excluding	
	Counseling children and adults with diseases	sanitation of the	
	of the mucous membranes of the mouth and	oral cavity in	
	lips, determining indications for referral for a	children under	
	consultation with specialist doctors	anesthesia)	
	Selection and prescription of medicines and	Perform medical	
	medical devices, taking into account the	interventions,	
	diagnosis, age and clinical picture of a dental	including	
	diagnosis, age and ennear picture of a dentar disease in accordance with the procedures for	orthopedic, in	
	providing medical care, clinical	adults with dental	
	recommendations, taking into account the	diseases on an	
	standards of medical care		
		outpatient basis	
	Definitions of routes of administration,	(excluding	
	regimen and dosage of drugs	prosthetics on	
	Selection and prescription of non-drug	dental implants,	
	treatment for children and adults with dental	technologies for	
	diseases in accordance with the procedures for	automated	
	providing medical care, clinical guidelines,	production of	
	taking into account the standards of medical	orthopedic	
	care	structures, complete	
	Prevention and treatment of complications,	removable lamellar	
	side effects, adverse reactions, including	and clasp dentures):	
	unforeseen ones, resulting from diagnostic or	- obtaining	
	therapeutic procedures, the use of drugs and	anatomical and	
	(or) medical devices, non-drug treatment at a	functional	
	dental appointment	impressions	
	Providing medical care to children and adults	- restoration of a	
	with sudden acute diseases, conditions,	tooth with a crown	
	exacerbation of chronic diseases without	- restoration of the	
	obvious signs of a threat to the life of the	integrity of the	
· · · ·	obvious signs of a uncat to the life of the	integrity of the	1

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10. PC-9	Willingness to determine the need for the use of natural healing factors, drug, non- drug therapy and other methods in patients with diseases of the maxillofacial region in need of	Patient in an emergency form The use of medicines and medical devices in the provision of medical care in an emergency form IPC 9.1 Knows: indications and contraindications for the use of natural healing factors, medicinal, non-drug therapy and other methods in patients with diseases of the maxillofacial region in need of medical rehabilitation and spa treatment; efficacy and safety of non-drug therapy; features of the interaction of methods of non-drug therapy in patients with diseases of the maxillofacial region in need of medical rehabilitation and spa treatment;	Indications and contraindications for the use of natural healing factors, medicinal, non-drug therapy and other methods in patients with diseases of the maxillofacial region in need of	dentition with fixed bridges - prosthetics with partial removable lamellar dentures - correction of a removable orthopedic structure - removal of a fixed orthopedic structure Interpret the results of X-ray studies of the maxillofacial region Conduct counseling for children and adults with diseases of the mucous membranes of the mouth and lips, determine indications for referral for a consultation with specialist doctors Prevent or eliminate complications, side effects, adverse reactions, including unforeseen ones, resulting from diagnostic or therapeutic manipulations, the use of drugs and (or) medical devices, non-drug treatment Determine the indications and contraindications for the use of natural healing factors, drug, non- drug therapy and other methods in patients with diseases of the maxillofacial region	Skills in determining indications and contraindications for the use of natural healing factors, drug, non- drug therapy and other methods in patients with diseases of the
				specialist doctors Prevent or eliminate complications, side effects, adverse reactions, including	
				resulting from diagnostic or therapeutic manipulations, the use of drugs and (or) medical	
10. PC-9	determine the need for the use of natural healing factors, drug, non- drug therapy and other methods in patients with diseases of the maxillofacial	contraindications for the use of natural healing factors, medicinal, non-drug therapy and other methods in patients with diseases of the maxillofacial region in need of medical rehabilitation and spa treatment; efficacy and safety of non-drug therapy; features of the interaction of methods of non-drug therapy in patients with diseases of the maxillofacial region in need of medical rehabilitation and	contraindications for the use of natural healing factors, medicinal, non-drug therapy and other methods in patients with diseases of the maxillofacial	treatment Determine the indications and contraindications for the use of natural healing factors, drug, non- drug therapy and other methods in patients with diseases of the	determining indications and contraindications for the use of natural healing factors, drug, non- drug therapy and other methods in patients with

Type of educational work	Labor intensity		Labor intensity (AH) in semesters
	volume in	volume in	
	credit units (CU)	academic hours (AH)	7 semester (fall)
Classroom work, including			
Lectures (L)	0,22	8	8
Laboratory practicum (LP)*			
Practicals (P)	0,72	26	26
Seminars (S)			
Student's individual work (SIW)	0,5	18	18
Mid-term assessment			
credit	0,06	2	2
TOTAL LABOR INTENSITY	1,5	54	54

4. Volume of the academic discipline and types of academic work Total labor intensity of the discipline is 1,5 CU (54 AH)

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

N⁰	Compet ence code	Section name of the discipline	The content of the section in teaching units
1.	UC-1, UC-6, GPC-1, GPC-2, GPC-4, GPC-5, PC-1, PC-6, PC-7, PC-9	Theoretical foundations of phthisiology.	 General issues of phthisiology. Tuberculosis dispensary. At-risk groups. Prevention of tuberculosis. BCG vaccination. Sanepid. mode in dental institutions. The current state of the tuberculosis situation in the Volga Federal District, Russia, and the world. The main epidemiological indicators of tuberculosis. Etiology, pathogenesis and pathomorphism of tuberculosis. Organizing the fight against tuberculosis. Tuberculosis dispensary and its contingents. Groups of people at increased risk of tuberculosis. Prevention of tuberculosis. BCG and BCG-M vaccination, indications and contraindications. Evaluation of the effectiveness of vaccination, possible complications. Sanitary and epidemiological regime in dental institutions.
	UC-1,	General issues	1. General principles for the diagnosis, detection and
	UC-6,	of phthisiology.	treatment of tuberculosis.
	GPC-1,	The main	2. The main clinical forms of respiratory tuberculosis.
2.	GPC-2,	clinical forms	Pulmonary bleeding.
2.	GPC-4,	of tuberculosis	
	GPC-5,	of the	Familiarization of students with the features of
	PC-1,	respiratory	collecting various types of anamnesis, objective
	PC-6,	system.	research methods. Features of laboratory and

	PC-7,	Complications	instrumental methods of examination of patients.
	PC-9	-	Identification of patients with tuberculosis.
			General principles and methods of tuberculosis
			chemotherapy. pathogenic therapy.
			Disseminated, focal, infiltrative, cavernous, fibrous-
			cavernous, cirrhotic pulmonary tuberculosis, caseous
			pneumonia, tuberculous pleurisy. Pathogenesis, clinic,
			diagnostics, treatment. Pulmonary bleeding.
			Pathogenesis, clinic, diagnostics, treatment. Emergency
			care for pulmonary hemorrhage.
3.	UC-1,	Tuberculosis of	1. Tuberculosis of the maxillofacial region as a
	UC-6,		manifestation of extrapulmonary tuberculosis.
	GPC-1,	the	2. Test.
	GPC-2,	maxillofacial	
	GPC-4,	region. Credit	Tuberculosis of the maxillofacial region (mucosa of the
	GPC-5,	(for all sections	oral cavity, tonsils, pharynx, bones and joints of the
	PC-1,	of the discipline).	facial skeleton, peripheral lymph nodes, salivary glands,
	PC-6,		periodontal tissues). Clinic, diagnostics, differential
	PC-7,		diagnostics, treatment. Credit (for all sections of the
	PC-9		discipline).