# Federal State Autonomic Educational Institution of Higher Education «Peoples' Friendship University of Russia»

# Medical Faculty

Adopted by Academic Council of Medical Faculty Approved

Vice Rector for Agademic Affairs

Protocol № 3

«17» march 2016 г.

A.P.Efremov

2016 г.

# **Basic Educational Program of Higer Education**

# Direction of training (speciality) 31.05.03 Dentistry

Approved by the order of the Ministry of Education and Science of Russian Federation 12.09.2013 № 1061.

The program is designed in 2014 in accordance with the requirements of the FSES HPE by the order of the Ministry of Education and Science of Russian Federation January 14, 2011 №16;

The program was updated in 2016 in accordance with the requirements of the FSES HE approved by order № 96 of the Ministry of Education and Science of the Russian Federation of February 09, 2016.

Qualification (degree) of graduate

General Practice Dentist

Program (profile, specialization)

Dentistry

Standart term of the study of the program

Form of education

5 years full-time

Information about the features of the implementation of the main professional educational program implemented in Russian and English

Agreed:

Agreed:

Head of the program:

Chairman MSSP

Dean of the Faculty

Daurova F.U.

fay Daurova F.U.

Abramov A.Yu.

17.03.2016 г.

17.03.2016 г.

17.03.2016 г.

2016 г.

# Description of the educational program.

# General characteristics of the educational programs of higher education

### 1.1. The purpose (mission).

The educational program (EP) of higher education in the specialty 31.05.03 – Dentistry, implemented at the Medical Institute of People's Friendship University aims to prepare qualified specialists in demand on the labor market. Educational program regulates the objectives, expected results, content, conditions and technologies of educational process, quality assessment of graduate training in this area of training.

### 1.2. Basic information.

The amount of EP is 300 credit units (CU). The amount of EP in full-time education, implemented for one academic year is 60 CU. The amount of EP for one academic year in teaching on an individual curriculum is not more than 75 CU. The term of education on EP: in full-time education, including holidays provided after passing the state final examination, regardless of the applied educational technologies, is 5 years.

## 1.3. Features of the EP implementation.

With the implementation of the basic educational program on a specialty 31.05.03 – Dentistry used various forms of e-learning, distance education using technology with a modular principle. The program is also being implemented in English «31.05.03 Dentistry – English medium».

## 1.4. Labor market demand for graduates of EP.

The educational program implemented at the Medical Institute of People's Friendship University, focused on a specific type of professional activity, which trains specialists on the basis of labor market needs. The main potential employers are public and private medical institutions.

#### 1.5. Admission Requirements.

Admission is on a competitive basis by the statements of the persons having the document of the state sample of secondary (full) general education or secondary vocational education, the results of the exam or test results of the disciplines.

## 1.6. Characteristics of professional activity of graduates of EP:

1.6.1 The area of professional activity.

## The area of professional activity of graduates of specialty programs include:

the protection of public health through the provision of medical care in accordance with the requirements and standards in health care.

# 1.6.2 The object of professional activity. **Objects of professional work of graduates of specialty programs are:**

individuals (patients); population; a set of tools and technologies aimed at creating conditions for the protection of public health.

#### 1.6.3 Professional activities.

Professional activities which prepare graduates of specialty programs 31.05.03 Dentistry following: prevention activities, diagnostic activity, therapeutic activity, rehabilitation activities, psycho-pedagogical activity, organizational and managerial activities, research activities.

## 1.6.4 Objectives of professional activity.

Graduate specialty programs (31.05.03 Dentistry) according to the type (types) of professional activity, which is (are) oriented specialty program is ready to solve the following professional tasks:

## prevention activities:

the prevention of disease among the population by preventive and anti-epidemic measures; participation in carrying out preventive medical examinations, clinical examination, clinical supervision;

Data collection and statistical analysis of health information dental disease rates of different age and sex groups and its impact on their health status;

## diagnostic activity:

Diagnosis of dental diseases and pathological conditions of patients; diagnostics of urgent conditions; examination of temporary disability and participation in other types of medical examination;

## therapeutic activity:

the provision of dental care in the outpatient setting and day hospital; participation in the delivery of health care in emergency situations, including participation in the medical evacuation;

## rehabilitation activities:

participation in medical rehabilitation and sanatorium treatment of patients with dental diseases;

## psycho-pedagogical activity:

the formation of the population, patients and their families motivation aimed at preserving and strengthening their health and others; teaching patients basic hygiene measures improving character, contributing to the prevention of dental diseases and health promotion;

## organizational and managerial activities:

application of the basic principles of the organization providing dental care in health care organizations and their structural divisions;

the establishment of medical institutions dental Profilefavorable conditions for the stay of patients and work medical staff; medical records in medical institutions; organization of medical examination; participation in the organization evaluate the quality of dental patient care; compliance with the basic requirements of information security;

# research activities:

analysis of scientific literature and official statistical surveys, participation in statistical analysis and public presentation the results obtained;

participation in solving specific research and scientific and applied problems in the field of health care for the diagnosis, treatment, medical rehabilitation and prevention.

# 1.7. Requirements for the results of the development of EP.

The results of the development program are defined acquiree graduate competencies, ie its ability to apply knowledge, skills and personal qualities in accordance with the objectives of professional activity.

# 1.8. Competence Matrix.

Competence Matrix is formed in the course of development programs on the basis of the State educational standard of higher education in the respective field of study and in accordance with the goals and objectives of the educational programs of higher education in the specialty 31.05.03 – Dentistry.

# Requirements for the results of mastering the main educational program

Educational program 31.05.03 – Dentistry

Type of professional activity: prevention activities, diagnostic activity, herapeutic activity, rehabilitation activities, psycho-pedagogical activity, organizational and managerial activities, research activities.

				Ger	neral cognitive	competencie	es (GCC)		
	Наименование дисциплин (модулей) в соответствии с учебным планом	GCC-1: capacities for abstract thinking, analysis, synthesis	GCC-2: ability to apply the fundamentals of philosophical knowledge in forming a personal worldview	GCC-3: ability to analyze the main historical stages and patterns of social development in forming good citizenship	GCC-4: ability to act in a non-typical situation, assume social and ethical responsibility for decisions made	GCC-5: willingness to engage in self-development, self-fulfillment, self-directed learning, creative thinking	GCC-6: ability to use methods and means of physical training to ensure full-scale social and professional engagement	GCC-7: ability to deliver first aid and CPR, apply protective measures in emergency situations	GCC-8: willingness to work in a team, tolerance to social, ethnic, religious and cultural differences
Блок 1	Базовая часть								
Б.1.Б.1	Phylosophy	+	+						
Б.1.Б.2	Bioethics	+	+		+				+
Б.1.Б.3	National History			+	+				+
Б.1.Б.4	History of medicine			+					+
Б.1.Б.5	Legal science			+					
Б.1.Б.6	Economics	+				+			
Б.1.Б.7	Foreign language	+				+			
Б.1.Б.8	Latin language								
Б.1.Б.9	Psychology, pedagogigs	+				+			
Б.1.Б.10	Physics	+							
Б.1.Б.11	Mathematics	+				+			
Б.1.Б.12	Medical informatics	+							
Б.1.Б.13	Chemistry	+							
Б.1.Б.14	Biochemistry-biochemistry of oral cavity	+				+			
Б.1.Б.15	Biology	+				+			

E.1.E.17	Б.1.Б.16	Human anatomy - anatomy of head and neck							
5.1.5.17									
Silva	Б.1.Б.17	oral cavity	+						
Racial region   Normal physiology   + Normal physiology of maxillo-facial region   +	F 1 F 18								
Physiology of maxillo-facial region	D.1.D.10								
Description of the content of the			+						
B.1.B.19   Cavity   Farmacology   Farmacol			+						
B.1.B.20   Pharmacology	Б.1.Б.19		+		+				
B.1.B.21   Immunology, clinical immunology	Б.1.Б.20		+			+			
Date	Б.1.Б.21		+		+				
Description	Б.1.Б.22	Pathologic anatomy - pathologic anatomy of							
B.1.B.2.5	E 1 E 22					_			
E.1.5.25         Public Health & Public Health Services           B.1.5.26         Epidemiology           E.1.6.27         Internal diseases, Clinical pharmacology           Internal diseases         ————————————————————————————————————		and neck	+			+			
B.1.B.26         Epidemiology           B.1.B.27         Internal diseases, Clinical pharmacology           Internal diseases         Clinical pharmacology           C. Clinical pharmacology         +           B.1.B.28         General surgery, surgical diseases           General surgery         +           surgical diseases         +           +         +           B.1.B.29         Radiodiagnostics           +         +           B.1.B.30         Disaster Medicine, Life safety           -         Life safety           -         +           -         Life safety           -         +           -         +           -         -           -         +           -         +           -         +           -         +           -         +           -         +           -         +           -         +           -         +           -         +           -         +           -         +           -         +           -         - <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>									
Disaster Medicine									
Internal diseases									
Clinical pharmacology	Б.1.Б.27								
E.1.E.28         General surgery, surgical diseases           General surgery         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +		Internal diseases							
General surgery			+						
Surgical diseases	Б.1.Б.28								
6.1.6.29       Radiodiagnostics       +       +       +         6.1.6.30       Disaster Medicine, Life safety       +       -         Life safety       +       +       +         6.1.6.31       Infections disease, phthisiology       -       -         6.1.6.32       Medical Rehabilitation       -       -         6.1.6.33       Dermatovenereology       +       -         6.1.6.34       Neurology       +       -         6.1.6.35       Psychiatry and narcology       -       -         6.1.6.36       Otorhinolaryngology       +       +       +         6.1.6.37       Ophthalmology       -       +       +         6.1.6.39       Obstetrics       -       -       -         6.1.6.40       Pediatry       -       -       -			+		+	+		+	+
E.1.E.30         Disaster Medicine, Life safety         +           Disaster Medicine         +           Life safety         +           E.1.E.31         Infections disease, phthisiology           E.1.E.32         Medical Rehabilitation           E.1.E.33         Dermatovenereology           +         -           E.1.E.34         Neurology           +         -           E.1.E.35         Psychiatry and narcology           E.1.E.36         Otorhinolaryngology           E.1.E.37         Ophthalmology           E.1.E.38         Forensic medicine           E.1.E.39         Obstetrics           E.1.E.40         Pediatry			+		+	+		+	+
Disaster Medicine	Б.1.Б.29	Radiodiagnostics	+			+			+
Life safety	Б.1.Б.30	Disaster Medicine, Life safety							
B.1.B.31         Infections disease, phthisiology           B.1.B.32         Medical Rehabilitation           B.1.B.33         Dermatovenereology           B.1.B.34         Neurology           B.1.B.35         Psychiatry and narcology           B.1.B.36         Otorhinolaryngology           B.1.B.37         Ophthalmology           B.1.B.38         Forensic medicine           B.1.B.39         Obstetrics           B.1.B.40         Pediatry		Disaster Medicine		+					
B.1.B.32         Medical Rehabilitation           B.1.B.33         Dermatovenereology           B.1.B.34         Neurology           B.1.B.35         Psychiatry and narcology           B.1.B.36         Otorhinolaryngology           B.1.B.37         Ophthalmology           B.1.B.38         Forensic medicine           B.1.B.39         Obstetrics           B.1.B.40         Pediatry		Life safety		+				+	
B.1.B.32         Medical Rehabilitation           B.1.B.33         Dermatovenereology           B.1.B.34         Neurology           B.1.B.35         Psychiatry and narcology           B.1.B.36         Otorhinolaryngology           B.1.B.37         Ophthalmology           B.1.B.38         Forensic medicine           B.1.B.39         Obstetrics           B.1.B.40         Pediatry	Б.1.Б.31	Infections disease, phthisiology							
B.1.B.34         Neurology         +	Б.1.Б.32	Medical Rehabilitation							
5.1.5.34         Neurology         +	Б.1.Б.33	Dermatovenereology	+						
E.1.E.35         Psychiatry and narcology           E.1.E.36         Otorhinolaryngology         +         +           E.1.E.37         Ophthalmology         -         -           E.1.E.38         Forensic medicine         -         -           E.1.E.39         Obstetrics         -         -           E.1.E.40         Pediatry         -         -	Б.1.Б.34		+						
5.1.5.36         Otorhinolaryngology         +         +         +           5.1.5.37         Ophthalmology         5.1.5.38         Forensic medicine         5.1.5.39         Obstetrics         5.1.5.40         Pediatry         Forensic medicine         5.1.5.40         Forensic medi									
Б.1.Б.37         Ophthalmology           Б.1.Б.38         Forensic medicine           Б.1.Б.39         Obstetrics           Б.1.Б.40         Pediatry	Б.1.Б.36					+		+	
Б.1.Б.38         Forensic medicine           Б.1.Б.39         Obstetrics           Б.1.Б.40         Pediatry	Б.1.Б.37								
5.1.5.40   Pediatry									
5.1.5.40   Pediatry	Б.1.Б.39	Obstetrics							
	Б.1.Б.40	Pediatry							
	Б.1.Б.41	Physical culture				+	+		

	Dentistry						
Б.1.Б.42	Prevention and communal dentistry						
Б.1.Б.43	Propedeutics of dental diseases			+			+
Б.1.Б.44	Cariesology and hard tissues diseases						
Б.1.Б.45	Endodontics						
Б.1.Б.46	Geriatric dentistry and mucosal disease	+					
Б.1.Б.47	Periodontology						
	Local anesthesia and anesthesiology in						
Б.1.Б.48	dentistry						
Б.1.Б.49	Oral Surgery						
Б.1.Б.50	Prosthethics (simple prosthetics)						
Б.1.Б.51	Prosthetics in total absence of teeth						
Б.1.Б.52	Prosthethics (complicacy prosthetics)						
Б.1.Б.53	Science of Dental materials						
	Maxillo-facial surgery						
Б.1.Б.54	Maxillo-facial and Orthognathic surgery						
Б.1.Б.55	Head and neck diseases						
Б.1.Б.56	Paediatric maxillo-facial dentistry						
	Paediatric dentistry:						
Б.1.Б.57	Paediatric dentistry						
Б.1.Б.58	Orthodontology and paediatric prosthetics						
Б.1.В	Вариативная часть						
Б.1.В.1	Foreign language (professional level)	+			+		
Б.1.В.2	Russian language and speech culture	+			+		
E 1 D 2	Medical emergencies in out-patient dentistry						
Б.1.В.3	practice			+			
Б.1.В.4	Topographic Anatomy & Operative Surgery	+					
D.1.D.4	head and neck						
Б.1.В.5	Implantology and reconstructive surgery						
Б.1.В.6	Dental Oncology and radiotherapy						
Б.1.В.7	Clinical dentistry						
Б.1.В.8	Medical genetics in dentistry						
Б.1.В.9	Ethics, Law and management in dentistry			+			+
Б.1.В.10	Gnathology and temporo-mandibular joint's						
	functional diagnostics						
Б.1.В.11	Maxillo-facial prosthetics						
Б.1.В.12	Applied physical culture				+	+	
	Дисциплины по выбору						
Б.1.В.ДВ.1	Cad-cam technologies in dentistry/3D						
р.т.р.др.т	technologies in dentistry						

Б.1.В.ДВ.2	Medical ecology/ Adaptive and age physiology	+				
Б.1.В.ДВ.3	Chemistry of Biogenic Elements/ Biononorganic chemistry	+				
Б.1.В.ДВ.4	Biochemistry of bone/ development and structure of teeh-jaw apparatus					
Б.1.В.ДВ.5	Intoduction to the medical elementology/ Medical elemenlogy					
Б.1.В.ДВ.6	Physiotherapy of the dental diseases / Dental management in oncology patients	+				
Блок 2	Практики, в том числе научно- исследовательская работа (НИР)					
Б.2.П.1	Assistant ward and procedural nurses					
Б.2.П.2	Dentist (hygienist) assistant					
Б.2.П.3	Dentist assistant (surgeon)					
Б.2.П.4	Dentist assistant (dental therapist)					
Б.2.П.5	Dentist assistant (prosthodontist)					
Б.2.П.6	Dentist assistant (paediatric)					
Б.2.П.7	Dentist assistant (general dentist)					

				G	eneral ı	orofession	al con	npetencies (	GPC)			
	Наименование дисциплин (модулей) в соответствии с учебным планом	GPC-1: capacities for performance of standard professional duties with the use of information and bibliographic resources, biomedical terminology, information and communication technologies and with due regard to the basic rules of information security	GPC-2: ability to communicate verbally and in writing in Russian and foreign languages in the course of professional activities	GPC-3: ability to apply the basic knowledge of economics and law in professional activities	GPC-4: ability and willingness to implement ethical and deontological principles in professional activities	GPC-5: ability and willingness to analyze the results of their own performance to prevent malpractice	GPC-6: preparedness to keep medical records properly	GPC-7: capacities for using the basic physicochemical, mathematical and other natural science concepts and methods in addressing professional issues	GPC-8: preparedness to use medicines and other pharmaceutical substances and their combinations in the course of professional activities	GPC-9: ability to assess morphological, physiological conditions and pathologic processes in the human body in the course of professional activities	GPC-10: preparedness to deliver patient care and primary prehospital medical care	GPC-11: preparedness to apply medical devices as prescribed by the established guidelines of dental care
Блок 1	Базовая часть											
Б.1.Б.1	Phylosophy											
Б.1.Б.2	Bioethics											
Б.1.Б.3	National History											
Б.1.Б.4	History of medicine											
Б.1.Б.5	Legal science			+		+						
Б.1.Б.6	Economics			+								
Б.1.Б.7	Foreign language		+									
Б.1.Б.8	Latin language	+	+				+					
Б.1.Б.9	Psychology, pedagogigs				+							
Б.1.Б.10	Physics	+						+				
Б.1.Б.11	Mathematics							+				
Б.1.Б.12	Medical informatics	+						+				+

Б.1.Б.13	Chemistry	+					+				
Б.1.Б.14	Biochemistry-biochemistry of oral cavity	+					+				
Б.1.Б.15	Biology						+				
Б.1.Б.16	Human anatomy - anatomy of head and neck	+					+		+		
Б.1.Б.17	Histology, embriology, cytology - histology of oral cavity								+		
Б.1.Б.18	Normal physiology, physiology of maxillo- facial region										
	Normal physiology	+					+		+		
	Physiology of maxillo-facial region	+					+		+		
Б.1.Б.19	Microbiology, virology-microbiology of oral cavity										
Б.1.Б.20	Pharmacology	+				+	+	+			
Б.1.Б.21	Immunology, clinical immunology								+		
Б.1.Б.22	Pathologic anatomy - pathologic anatomy of head and neck	+							+		
Б.1.Б.23	Pathophysiology - pathophysiology of head and neck	+							+		
Б.1.Б.24	Hygiene				+						
Б.1.Б.25	Public Health & Public Health Services					+					
Б.1.Б.26	Epidemiology	+			+				+		
Б.1.Б.27	Internal diseases, Clinical pharmacology										
	Internal diseases	+			+	+		+	+	+	
	Clinical pharmacology							+			
Б.1.Б.28	General surgery, surgical diseases										
	General surgery	+		+	+	+		+	+	+	+
	surgical diseases	+		+	+	+		+	+	+	+
Б.1.Б.29	Radiodiagnostics	+		+		+		+	+		
Б.1.Б.30	Disaster Medicine, Life safety										
	Disaster Medicine										
	Life safety	+									
Б.1.Б.31	Infections disease, phthisiology	+			+	+			+		
Б.1.Б.32	Medical Rehabilitation	+			+				+		+
Б.1.Б.33	Dermatovenereology	+			+	+			+		
Б.1.Б.34	Neurology	+			+	+			+		
Б.1.Б.35	Psychiatry and narcology							+			
Б.1.Б.36	Otorhinolaryngology					+		+			
Б.1.Б.37	Ophthalmology									+	
Б.1.Б.38	Forensic medicine	+			+	+			+		

E.1.5.40   Pediatry	Б.1.Б.39	Obstetrics	+			+			+	+	
Dentity   Dent			+			+			+	+	
B.1.6.42   Prevention and communal dentistry	Б.1.Б.41	Physical culture									
Sil.B.43   Propedutics of dental diseases											
Fal.16.44   Caricsology and hard tissues diseases	Б.1.Б.42	Prevention and communal dentistry									+
1.1.1.2.4.5	Б.1.Б.43	Propedeutics of dental diseases	+		+	+	+	+			+
B.1.B.46   Geriatric dentistry and mucosal disease		Cariesology and hard tissues diseases			+		+	+			+
5.1.5.47   Periodontology	Б.1.Б.45	Endodontics			+		+	+			+
Local anesthesia and anesthesiology in definistry	Б.1.Б.46	Geriatric dentistry and mucosal disease					+	+			
5.1.5.48   dentistry	Б.1.Б.47						+	+			
B.1.B.50   Prosthethics (simple prosthetics)   +	Б.1.Б.48		+			+	+	+	+		+
B.1.B.51   Prosthetics in total absence of teeth			+			+	+	+	+		+
Б.1.Б.52         Prosthethics (complicacy prosthetics)         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         + </td <td></td> <td></td> <td>+</td> <td></td> <td></td> <td>+</td> <td>+</td> <td></td> <td></td> <td></td> <td></td>			+			+	+				
Science of Dental materials			+			+	+				
Maxillo-facial surgery           Б.1.Б.54         Maxillo-facial and Orthognathic surgery         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +			+			+	+				
Б.1.Б.54       Maxillo-facial and Orthognathic surgery       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       +       <	Б.1.Б.53		+		+	+					+
Б.1.Б.55         Head and neck diseases         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         +         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         - <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>											
Б.1.Б.56       Paediatric maxillo-facial dentistry       Paediatric dentistry:         Б.1.Б.57       Paediatric dentistry			+			+	+	+	+		+
Paediatric dentistry:			+			+	+	+	+		+
Б.1.Б.57       Paediatric dentistry         Б.1.Б.58       Orthodontology and paediatric prosthetics         Б.1.В       Bариативная часть         Б.1.В.1       Foreign language (professional level)         Б.1.В.2       Russian language and speech culture         Б.1.В.3       Medical emergencies in out-patient dentistry practice         Б.1.В.4       Topographic Anatomy & Operative Surgery head and neck         Б.1.В.5       Implantology and reconstructive surgery         +       +         Б.1.В.6       Dental Oncology and radiotherapy         Б.1.В.7       Clinical dentistry         Б.1.В.8       Medical genetics in dentistry         Б.1.В.9       Ethics, Law and management in dentistry         Б.1.В.10       Gnathology and temporo-mandibular joint's functional diagnostics	Б.1.Б.56	Paediatric maxillo-facial dentistry									
Б.1.Б.58       Orthodontology and paediatric prosthetics         Б.1.В       Вариативная часть         Б.1.В.1       Foreign language (professional level)         Б.1.В.2       Russian language and speech culture         Б.1.В.3       Medical emergencies in out-patient dentistry practice         Б.1.В.4       Topographic Anatomy & Operative Surgery head and neck         Б.1.В.5       Implantology and reconstructive surgery         +       +         Б.1.В.6       Dental Oncology and radiotherapy         +       +         Б.1.В.7       Clinical dentistry         Б.1.В.8       Medical genetics in dentistry         Б.1.В.9       Ethics, Law and management in dentistry         Б.1.В.10       Gnathology and temporo-mandibular joint's functional diagnostics         +       +											
Б.1.В       Вариативная часть         Б.1.В.1       Foreign language (professional level)       +         Б.1.В.2       Russian language and speech culture       +         Б.1.В.3       Medical emergencies in out-patient dentistry practice       +         Б.1.В.4       Topographic Anatomy & Operative Surgery head and neck       +         Б.1.В.5       Implantology and reconstructive surgery       +         +       +       +         Б.1.В.6       Dental Oncology and radiotherapy       +         Б.1.В.7       Clinical dentistry       +         Б.1.В.8       Medical genetics in dentistry       +         Б.1.В.9       Ethics, Law and management in dentistry       +         Б.1.В.10       Gnathology and temporo-mandibular joint's functional diagnostics       +											
B.1.B.1       Foreign language (professional level)       +											
B.1.B.2   Russian language and speech culture											
B.1.B.3   Medical emergencies in out-patient dentistry practice				+							
B.1.B.3   practice	Б.1.В.2			+			+				
B.1.B.4   head and neck   +	Б.1.В.3	practice							+		
B.1.B.6   Dental Oncology and radiotherapy   +	Б.1.В.4		+			+			+		
B.1.B.7   Clinical dentistry   +	Б.1.В.5	Implantology and reconstructive surgery	+			+	+	+	+		+
B.1.B.8     Medical genetics in dentistry       B.1.B.9     Ethics, Law and management in dentistry       B.1.B.10     Gnathology and temporo-mandibular joint's functional diagnostics	Б.1.В.6	Dental Oncology and radiotherapy							+		
5.1.B.9     Ethics, Law and management in dentistry     +     +       5.1.B.10     Gnathology and temporo-mandibular joint's functional diagnostics     +     +	Б.1.В.7	Clinical dentistry							+		
E.1.B.10 Gnathology and temporo-mandibular joint's + + + +	Б.1.В.8	Medical genetics in dentistry									
functional diagnostics	Б.1.В.9				+			+			
	Б.1.В.10		+			+	+				
	Б.1.В.11		+			+	+				

Б.1.В.12	Applied physical culture									
	Дисциплины по выбору									
Б.1.В.ДВ.1	Cad-cam technologies in dentistry/3D technologies in dentistry									
Б.1.В.ДВ.2	Medical ecology/ Adaptive and age physiology							+		
Б.1.В.ДВ.3	Chemistry of Biogenic Elements/ Biononorganic chemistry					+				
Б.1.В.ДВ.4	Biochemistry of bone/ development and structure of teeh-jaw apparatus							+		
Б.1.В.ДВ.5	Intoduction to the medical elementology/ Medical elemenlogy						+	+		
Б.1.В.ДВ.6	Physiotherapy of the dental diseases / Dental management in oncology patients						+			+
Блок 2	Практики, в том числе научно- исследовательская работа (НИР)									
Б.2.П.1	Assistant ward and procedural nurses	+		+	+			+	+	
Б.2.П.2	Dentist (hygienist) assistant	+			+					
Б.2.П.3	Dentist assistant (surgeon)				+			+	+	+
Б.2.П.4	Dentist assistant (dental therapist)				+		_	+		+
Б.2.П.5	Dentist assistant (prosthodontist)				+			+		+
Б.2.П.6	Dentist assistant (paediatric)				+			+		+
Б.2.П.7	Dentist assistant (general dentist)				 +			+		+

				Profes	sional com	petencies (PC)				
	Наименование дисциплин (модулей) в соответствии с учебным планом	PC-1: ability and preparedness to implement a set of measures aimed at maintaining and improving health, including the promotion of a healthy lifestyle, prevention of the onset and (or) spread of dental diseases, their early diagnosis, the identification of causes and conditions of their occurrence and development, aimed at eliminating the harmful impact of environmental factors on human health	PC-2: ability and preparedness to conduct preventive medical examinations, medical check-ups and follow-up of dental patients	PC-3: ability and preparedness to conduct anti-epidemic measures, organize the protection of population in the foci of highly infectious diseases, under the deteriorating radiation situation, natural disasters and other emergences	PC-4: ability and preparedness to use socio-hygienic methods of data collection and medical statistical analysis of dental incidence	PC-5: preparedness to collect and analyze patient complaints, their medical history, examination results, laboratory, instrumental, autopsy and other examinations in order to evaluate the patient's condition or diagnose dental disease	PC-6: ability to determine the main pathological dental conditions, symptoms, syndromes of dental diseases, nosological forms in accordance with the International Statistical Classification of Diseases and Related Health Problems, the 10th revision	PC-7: preparedness to conduct an evaluation of temporary disability, participate in the medical and social examination, confirmation of the biological death of a person	PC-8: ability to determine the strategies of managing patients with various dental diseases	PC-9: preparedness to manage and treat dental patients in the outpatient unit and in the day hospital settings
Блок 1	Базовая часть									
Б.1.Б.1	Phylosophy									
Б.1.Б.2	Bioethics									
Б.1.Б.3	National History									
Б.1.Б.4	History of medicine									
Б.1.Б.5	Legal science									
Б.1.Б.6	Economics									
Б.1.Б.7	Foreign language									
Б.1.Б.8	Latin language						+			
Б.1.Б.9	Psychology, pedagogigs									
Б.1.Б.10	Physics									
Б.1.Б.11	Mathematics									
Б.1.Б.12	Medical informatics									

Б.1.Б.13	Chemistry									
	Biochemistry-biochemistry of oral									
Б.1.Б.14	cavity					+				
Б.1.Б.15	Biology	+								
Б.1.Б.16	Human anatomy - anatomy of head and									
	neck									
Б.1.Б.17	Histology, embriology, cytology - histology of oral cavity						+			
Б.1.Б.18	Normal physiology, physiology of maxillo-facial region									
	Normal physiology	+				+				
	Physiology of maxillo-facial region	+				+				
Б.1.Б.19	Microbiology, virology-microbiology of oral cavity		+	+						
Б.1.Б.20	Pharmacology									
Б.1.Б.21	Immunology, clinical immunology		+							
Б.1.Б.22	Pathologic anatomy - pathologic anatomy of head and neck					+				
Б.1.Б.23	Pathophysiology - pathophysiology of head and neck	+								
Б.1.Б.24	Hygiene	+	+							
Б.1.Б.25	Public Health & Public Health Services				+					
Б.1.Б.26	Epidemiology			+						
Б.1.Б.27	Internal diseases, Clinical									
D.1.D.2/	pharmacology									
	Internal diseases								+	+
	Clinical pharmacology								+	+
Б.1.Б.28	General surgery, surgical diseases									
	General surgery									
	surgical diseases									
Б.1.Б.29	Radiodiagnostics	+	+			+	+		+	+
Б.1.Б.30	Disaster Medicine, Life safety									
	Disaster Medicine			+						
D 1 D 21	Life safety			+						
Б.1.Б.31	Infections disease, phthisiology									
Б.1.Б.32	Medical Rehabilitation									+
Б.1.Б.33	Dermatovenereology	+	+			+		+	+	+
Б.1.Б.34	Neurology	+				+	+		+	+

Б.1.Б.35	Psychiatry and narcology					+			
Б.1.Б.36	Otorhinolaryngology								
Б.1.Б.37	Ophthalmology				+	+			+
Б.1.Б.38	Forensic medicine						+		
Б.1.Б.39	Obstetrics							+	
Б.1.Б.40	Pediatry							+	
Б.1.Б.41	Physical culture								
	Dentistry								
Б.1.Б.42	Prevention and communal dentistry	+	+	+	+	+		+	
Б.1.Б.43	Propedeutics of dental diseases				+				+
Б.1.Б.44	Cariesology and hard tissues diseases	+			+	+		+	
Б.1.Б.45	Endodontics	+			+	+		+	
Б.1.Б.46	Geriatric dentistry and mucosal disease	+			+	+		+	
Б.1.Б.47	Periodontology	+			+	+		+	
Б.1.Б.48	Local anesthesia and anesthesiology in dentistry	+	+		+	+			+
Б.1.Б.49	Oral Surgery	+	+		+	+			+
Б.1.Б.50	Prosthethics (simple prosthetics)		+		+	+		+	+
Б.1.Б.51	Prosthetics in total absence of teeth		+		+	+		+	+
Б.1.Б.52	Prosthethics (complicacy prosthetics)		+		+	+		+	+
Б.1.Б.53	Science of Dental materials								
	Maxillo-facial surgery								
Б.1.Б.54	Maxillo-facial and Orthognathic surgery	+	+		+	+			+
Б.1.Б.55	Head and neck diseases	+	+		+	+			+
Б.1.Б.56	Paediatric maxillo-facial dentistry		+		+	+		+	+
	Paediatric dentistry:								
Б.1.Б.57	Paediatric dentistry				+	+		+	+
Б.1.Б.58	Orthodontology and paediatric prosthetics				+	+		+	+
Б.1.В	Вариативная часть								
Б.1.В.1	Foreign language (professional level)								
Б.1.В.2	Russian language and speech culture								
Б.1.В.3	Medical emergencies in out-patient dentistry practice				+	+			
Б.1.В.4	Topographic Anatomy & Operative Surgery head and neck	+			+				
Б.1.В.5	Implantology and reconstructive surgery	+	+		+	+			+
Б.1.В.6	Dental Oncology and radiotherapy	·			+	+		+	

Б.1.В.7	Clinical dentistry					+	+		+	
Б.1.В.8	Medical genetics in dentistry	+	+			+	+			
Б.1.В.9	Ethics, Law and management in dentistry									
Б.1.В.10	Gnathology and temporo-mandibular joint's functional diagnostics		+			+	+		+	+
Б.1.В.11	Maxillo-facial prosthetics		+			+	+		+	+
Б.1.В.12	Applied physical culture									
	Дисциплины по выбору									
Б.1.В.ДВ.1	Cad-cam technologies in dentistry/3D technologies in dentistry							+		+
Б.1.В.ДВ.2	Medical ecology/ Adaptive and age physiology				+	+				
Б.1.В.ДВ.3	Chemistry of Biogenic Elements/ Biononorganic chemistry									
Б.1.В.ДВ.4	Biochemistry of bone/ development and structure of teeh-jaw apparatus	+				+				
Б.1.В.ДВ.5	Intoduction to the medical elementology/ Medical elemenlogy	+								
Б.1.В.ДВ.6	Physiotherapy of the dental diseases / Dental management in oncology patients	+								
Блок 2	Практики, в том числе научно- исследовательская работа (НИР)									
Б.2.П.1	Assistant ward and procedural nurses	+		+			+	+		
Б.2.П.2	Dentist (hygienist) assistant	+	+		+					
Б.2.П.3	Dentist assistant (surgeon)					+	+		+	+
Б.2.П.4	Dentist assistant (dental therapist)	+	+			+	+		+	+
Б.2.П.5	Dentist assistant (prosthodontist)					+	+		+	+
Б.2.П.6	Dentist assistant (paediatric)	+	+			+	+		+	+
Б.2.П.7	Dentist assistant (general dentist)	+	+			+	+		+	+

		Professional competencies (PC)									
	Наименование дисциплин (модулей) в соответствии с учебным планом	PC-10: preparedness to participate in providing care in emergency situations, including medical evacuation	PC-11: ability to determine the need of applying natural healing factors, medication, non-drug therapy and other methods in dental patients who need medical rehabilitation and health resort treatment	PC-12: preparedness to educate the population in basic hygienic and health-enhancing activities, selfmonitoring skills to check basic physiological indicators that contribute to maintaining and improving health, and disease prevention	PC-13: preparedness for educational activities aimed at eliminating risk factors and developing healthy lifestyle habits	PC-14: ability to apply the basic healthcare organization and management principles in health organizations and their structural units	PC-15: preparedness to participate in dental care quality assessment with the use of the basic healthcare and statistical indicators	PC-16: ability to organize emergency medical care	PC-17: capacities for analysis and public presentation of evidence-based medical information	PC-18: ability to participate in studies and research	PC-19: preparedness to take part in introducing new ways and methods intended to protect the health of the population
Блок 1	Базовая часть										
Б.1.Б.1	Phylosophy										
Б.1.Б.2	Bioethics										
Б.1.Б.3	National History										
Б.1.Б.4	History of medicine										
Б.1.Б.5	Legal science										
Б.1.Б.6	Economics									+	
Б.1.Б.7	Foreign language										
Б.1.Б.8	Latin language								+	+	
Б.1.Б.9	Psychology, pedagogigs				+						
Б.1.Б.10	Physics										
Б.1.Б.11	Mathematics										
Б.1.Б.12	Medical informatics										
Б.1.Б.13	Chemistry										
Б.1.Б.14	Biochemistry-biochemistry of oral cavity								+	+	
Б.1.Б.15	Biology										

Б.1.Б.16	Human anatomy - anatomy of head and neck								+		
Б.1.Б.17	Histology, embriology, cytology - histology of oral cavity								+	+	
Б.1.Б.18	Normal physiology, physiology of maxillo-facial region										
	Normal physiology										
	Physiology of maxillo-facial region										
Б.1.Б.19	Microbiology, virology-microbiology of oral cavity	+									
Б.1.Б.20	Pharmacology								+		
Б.1.Б.21	Immunology, clinical immunology								+		
Б.1.Б.22	Pathologic anatomy - pathologic anatomy of head and neck										
Б.1.Б.23	Pathophysiology - pathophysiology of head and neck										
Б.1.Б.24	Hygiene			+	+						
Б.1.Б.25	Public Health & Public Health Services					+	+				+
Б.1.Б.26	Epidemiology										
Б.1.Б.27	Internal diseases, Clinical pharmacology										
	Internal diseases								+		
	Clinical pharmacology								+		
Б.1.Б.28	General surgery, surgical diseases										
	General surgery	+							+		
	surgical diseases	+							+		
Б.1.Б.29	Radiodiagnostics	+	+								
Б.1.Б.30	Disaster Medicine, Life safety										
	Disaster Medicine	+			+			+			+
	Life safety				+						+
Б.1.Б.31	Infections disease, phthisiology										
Б.1.Б.32	Medical Rehabilitation		+								
Б.1.Б.33	Dermatovenereology		+								
Б.1.Б.34	Neurology										
Б.1.Б.35	Psychiatry and narcology										
Б.1.Б.36	Otorhinolaryngology										
Б.1.Б.37	Ophthalmology	+	+							+	
Б.1.Б.38	Forensic medicine										
Б.1.Б.39	Obstetrics			1							

Б.1.Б.40	Pediatry									
Б.1.Б.41	Physical culture									
	Dentistry									
Б.1.Б.42	Prevention and communal dentistry			+						
Б.1.Б.43	Propedeutics of dental diseases									
Б.1.Б.44	Cariesology and hard tissues diseases									
Б.1.Б.45	Endodontics									
Б.1.Б.46	Geriatric dentistry and mucosal disease									
Б.1.Б.47	Periodontology									
Б.1.Б.48	Local anesthesia and anesthesiology in dentistry		+		+	+	+	+	+	+
Б.1.Б.49	Oral Surgery		+		+	+	+	+	+	+
Б.1.Б.50	Prosthethics (simple prosthetics)									
Б.1.Б.51	Prosthetics in total absence of teeth									
Б.1.Б.52	Prosthethics (complicacy prosthetics)									
Б.1.Б.53	Science of Dental materials									
	Maxillo-facial surgery									
Б.1.Б.54	Maxillo-facial and Orthognathic surgery		+		+	+	+	+	+	+
Б.1.Б.55	Head and neck diseases		+		+	+	+	+	+	+
Б.1.Б.56	Paediatric maxillo-facial dentistry									
	Paediatric dentistry:									
Б.1.Б.57	Paediatric dentistry							+		
Б.1.Б.58	Orthodontology and paediatric prosthetics							+		
Б.1.В	Вариативная часть									
Б.1.В.1	Foreign language (professional level)								+	
Б.1.В.2	Russian language and speech culture									
Б.1.В.3	Medical emergencies in out-patient dentistry practice	+					+			
Б.1.В.4	Topographic Anatomy & Operative Surgery head and neck									+
Б.1.В.5	Implantology and reconstructive surgery	+		+	+	+	+	+	+	+
Б.1.В.6	Dental Oncology and radiotherapy									
Б.1.В.7	Clinical dentistry									
Б.1.В.8	Medical genetics in dentistry			 +				+	+	+
Б.1.В.9	Ethics, Law and management in dentistry				+					

Б.1.В.10	Gnathology and temporo-mandibular joint's functional diagnostics								
Б.1.В.11	Maxillo-facial prosthetics								
Б.1.В.12	Applied physical culture								
	Дисциплины по выбору								
Б.1.В.ДВ.1	Cad-cam technologies in dentistry/3D technologies in dentistry								+
Б.1.В.ДВ.2	Medical ecology/ Adaptive and age physiology								+
Б.1.В.ДВ.3	Chemistry of Biogenic Elements/ Biononorganic chemistry							+	
Б.1.В.ДВ.4	Biochemistry of bone/ development and structure of teeh-jaw apparatus							+	
Б.1.В.ДВ.5	Intoduction to the medical elementology/ Medical elemenlogy		+						
Б.1.В.ДВ.6	Physiotherapy of the dental diseases / Dental management in oncology patients		+						
Блок 2	Практики, в том числе научно- исследовательская работа (НИР)								
Б.2.П.1	Assistant ward and procedural nurses			+					
Б.2.П.2	Dentist (hygienist) assistant								
Б.2.П.3	Dentist assistant (surgeon)	+							
Б.2.П.4	Dentist assistant (dental therapist)								
Б.2.П.5	Dentist assistant (prosthodontist)		_						
Б.2.П.6	Dentist assistant (paediatric)	+			+	+	+	+	+
Б.2.П.7	Dentist assistant (general dentist)								