

Документ подписан простой электронной подписью  
Информация о владельце:  
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Должность: Ректор  
Дата подписания: 21.05.2026 17:37:17  
Уникальный программный ключ:  
ca953a0120d891083f939673078ef1a989dae18a

**Federal State Autonomous Educational Institution of Higher Education  
PEOPLES' FRIENDSHIP UNIVERSITY OF RUSSIA  
NAMED AFTER PATRICE LUMUMBA**

**Medical Institute**

(educational division (faculty/institute/academy) as higher education programme developer)

Approved at the meeting of the Academic  
Council of RUDN University  
Protocol No. 1  
January 24, 2011

(date, month, year)

Opened by order of the Rector of  
RUDN University  
No. 353  
April 20, 2011

(date, month, year)

**PROFESSIONAL EDUCATION PROGRAMME OF HIGHER EDUCATION**

Field of Studies/Speciality:

**31.05.03 Dentistry**

(field of studies/speciality code and title)

Profile/Specialisation:

**Dentistry**

(higher education programme title)

The Educational Programme is developed in compliance with:

**Federal State Educational Standard of Higher Education**, approved by Order of the  
Ministry of Education and Science of Russian Federation No. 984 dated August 12, 2020

Level of education:

**specialist's**

(bachelor's/specialist's/master's – to fill in the required)

Graduate's Qualification:

**Doctor of Dentistry**

(graduate's qualification in compliance with the order of the Ministry of Education and Science of Russian Federation  
dated September 12, 2013, No. 1061)

Length of Educational Programme:

**5 years**

(full-time education)

-

(part-time education)

-

(correspondence education)

AGREED by:

Head  
of Educational Programme  
**S.N. Razumova**

(signature)

(day, month, year)

Chairperson  
of Didactic Council  
**I.V. Radysh**

(signature)

(day, month, year)

Head  
of Educational Department  
**A.Yu. Abramov**

(signature)

(day, month, year)

## 1. EDUCATIONAL PROGRAMME GOAL (MISSION)

The educational program of higher education in the specialty 31.05.03 – Dentistry, implemented at the RUDN Medical Institute, aims to train qualified specialists who are in demand on the labor market.

## 2. EDUCATIONAL PROGRAMME RELEVANCE, SPECIFICITY, AND UNIQUENESS

Dentistry is a rapidly developing branch of medicine and one of the most popular medical specialties. Students are taught methods of prevention, diagnosis and treatment.

## 3. LABOUR MARKET NEEDS FOR PERSONNEL TRAINING IN EDUCATIONAL PROGRAMME PROFILE

The educational program implemented at the RUDN University Medical Institute focuses on a specific type of professional activity for which a specialist is trained, based on the needs of the labor market. The main potential employers are public and private medical institutions.

## 4. SPECIAL REQUIREMENTS FOR POTENTIAL APPLICANTS

Admission is carried out on a competitive basis based on the applications of persons who have a state-issued document on secondary (full) general education or secondary vocational education, based on the results of the Unified State Exam or the results of testing in disciplines.

## 5. FEATURES OF EDUCATIONAL PROGRAMME IMPLEMENTATION

5.1. E-learning is implemented *with elements* of e-learning/distance learning technologies (*giving lectures in the DOT*).

5.2. The implementation language of the VO OP is *Russian*.

5.3. If necessary, the educational program of higher education may be adapted for teaching individuals with disabilities and persons with limited health capacities. The elements of e-learning and distance educational technologies used in teaching individuals with disabilities and persons with limited health capacities provide for the possibility of receiving and transmitting information in forms accessible to them.

5.4. Information on the planned bases for conducting training / industrial practices and(or) RESEARCH PROJECT

<b>Internship*</b>	<b>Internship location</b> ( <i>organization name and location</i> )
Introductory practice ( <i>training</i> )	Patrice Lumumba RUDN University, Moscow
Practice on obtaining primary professional skills in the positions of secondary medical personnel (Assistant of ward and procedural nurse) ( <i>training</i> )	Clinical bases, Moscow, Moscow region

<b>Internship*</b>	<b>Internship location</b> ( <i>organization name and location</i> )
Assistant to the dentist (hygienist) ( <i>production</i> )	Clinical bases, Moscow, Moscow region
Assistant dentist (surgeon) ( <i>production</i> )	Clinical bases, Moscow, Moscow region
Assistant to the dentist (therapist) ( <i>production</i> )	Clinical bases, Moscow, Moscow region
Assistant to the dentist (orthopedist) ( <i>production</i> )	Clinical bases, Moscow, Moscow region
Assistant to the dentist (children's) ( <i>production</i> )	Clinical bases, Moscow, Moscow region
Assistant to the dentist (general practice), including research work ( <i>production</i> )	Clinical bases, Moscow, Moscow region

\* - indicate the type of practice (educational/industrial), the type of practice – its name (introductory, technological, research, pre-graduate, etc.), the method of conducting (stationary/field).

## **6. CHARACTERISTICS OF EDUCATIONAL PROGRAMME GRADUATE'S PROFESSIONAL ACTIVITIES**

6.1. Areas and spheres of professional activity in which graduates who have completed the specialty program can carry out professional activities:

- 01 Education and science (in the field of scientific research);
- 02 Healthcare (in the field of providing medical care for dental diseases);
- 07 Administrative, managerial and office activities (in the field of healthcare organizations)

6.2. Types of professional activity tasks that a graduate is preparing to solve in the framework of mastering the higher professional education program:

**Medical** (prevention of the occurrence of diseases among the population through preventive and anti-epidemic measures; conducting preventive medical examinations, medical examinations, dispensary observation; collecting and medico-statistical analysis of information on the health indicators of the population of various age and gender groups that characterize their state of health; diagnosis of diseases and pathological conditions of patients; diagnosis of emergency conditions; conducting expert examinations temporary disability and participation in other types of medical expertise; provision of primary medical care in outpatient and day-care settings; provision of primary medical care in cases of sudden acute diseases, conditions, exacerbation of chronic diseases that are not accompanied by a threat to the patient's life and do not require emergency medical care; participation in the provision of emergency medical care medical assistance for conditions that require urgent medical intervention; formation of motivation among the population, patients and their families aimed at preserving and strengthening their health and the health of others; training patients in basic hygiene measures of a health-improving nature that contribute to the prevention of diseases and health promotion);

**Scientific research** (analysis of scientific literature and official statistical reviews, participation in statistical analysis and public presentation of the results obtained; participation in solving individual research and scientific-applied problems in the field of health care for diagnosis, treatment, medical rehabilitation and prevention);

**Organizational and managerial** (application of the basic principles of organization of medical care in medical organizations and their structural divisions; creation of favorable conditions

in medical organizations for the stay of patients and the work of medical personnel; maintenance of medical documentation in medical organizations; organization of medical expertise; participation in the organization of quality assessment of medical care to patients; compliance with the basic requirements of information security);

### Educational

6.3. The list of generalized labor functions and labor functions related to the professional activity of a graduate of OP HE, in accordance with which the program was developed\*

Code and title of occupational standard	Generalized labor functions			Labor functions		
	Code	Title	Qualification level	Code	Title	Qualification level
02.005 02.005 Dentist	A	Providing medical care for dental diseases	7	Conducting a patient examination to establish a diagnosis	A / 01.7	7
				Prescribing, monitoring the effectiveness and safety of non-drug and drug treatment	A/02.7	7
				Development, implementation and monitoring of effectiveness individual rehabilitation programs	A / 03.7	7
				Conducting and monitoring the effectiveness of sanitary, anti-epidemic and other preventive measures to protect public health	A/04.7	7
				Conducting sanitary and hygienic education among the population and medical workers in order to form a healthy lifestyle	A/05.7	7
				Organizational and managerial activities	A/06.7	7

\* - the wording of labor functions is taken from the relevant Professional Standards (if any).

## 7. REQUIREMENTS FOR EDUCATIONAL PROGRAMME OUTCOMES

7.1. Upon completion of the Educational Programme, the graduate is expected to acquire the following Generic Competences (GCs):

Code and descriptor of generic competence	Code and competence level indicator
GC-1. It is able to carry out a critical analysis of problem situations based on a systematic approach, develop a strategy for	GC-1.1. It analyzes the problem situation as a system, identifying its components and links between them. GC-1.2. Identifies gaps in information needed to resolve a problem situation and designs processes to address them. GC - 1. 3. Critically evaluates the reliability of information sources,

<b>Code and descriptor of generic competence</b>	<b>Code and competence level indicator</b>
actions	works with conflicting information from different sources. GC-1.4. Develops and substantiates a strategy for solving a problem situation based on a systematic and interdisciplinary approach. GC-1.5. Uses logical and methodological tools for critical evaluation of modern concepts of a philosophical and social nature in its subject area.
GC-2. Able to manage a project at all stages of its life cycle	GC-2.1. Formulates a project task based on the problem and the way to solve it through the implementation of project management. GC-2.2. Develops the project concept within the framework of the identified problem: formulates the goal, objectives, justifies the relevance, significance, expected results and possible areas of their application. GC-2.3. Plans the necessary resources, including taking into account their replaceability. GC-2.4. Develops a project implementation plan using planning tools. GC-2.5. Monitors the progress of project implementation, corrects deviations, makes additional changes to the project implementation plan, specifies the areas of responsibility of project participants.
GC-3. Able to organize and manage team work, developing a team strategy to achieve the goal	GC-3.1. Develops a cooperation strategy and, based on it, organizes the selection of team members to achieve the goal, allocating roles in the team. GC-3.2. Plans and adjusts the work of the team, taking into account the interests, behavioral characteristics, and opinions of its members; distributes assignments and delegates authority to team members. GC-3.3. Resolves conflicts and contradictions in business communication based on taking into account the interests of all parties. GC-3.4. Organizes discussions on a given topic and discussion of the results of the team's work with the involvement of opponents to the developed ideas.
GC-4. Able to apply modern communication technologies, including in a foreign language(s), for academic and professional interaction	GC-4.1. Establishes and develops professional contacts in accordance with the needs of joint activities, including the exchange of information and the development of a unified interaction strategy. GC-4.2. Composes, translates from a foreign language into the state language of the Russian Federation and from the state language of the Russian Federation into a foreign one, and also edits various academic texts (essays, essays, reviews, articles, etc.), including in a foreign language. GC-4.3. Presents the results of academic and professional activities at various public events, including international ones, choosing the most appropriate format. GC-4.4. Defends its positions and ideas in a reasoned and constructive manner in academic and professional discussions in the state language of the Russian Federation and a foreign language. GC-4.5. Selects the style of business communication in the official language of the Russian Federation and a foreign language, depending on the purpose and conditions of the partnership; adapts speech, communication style and sign language to interaction situations.

<b>Code and descriptor of generic competence</b>	<b>Code and competence level indicator</b>
GC-5. Able to analyze and take into account the diversity of cultures in the process of cross-cultural interaction	GC-5.1. Interprets the history of Russia in the context of world historical development. GC-5.2. Analyzes the most important: ideological and value systems formed in the course of historical development; justifies the relevance of their use in social and professional interaction. GC-5.3. Builds social and professional interaction taking into account the peculiarities of the main forms of scientific and religious consciousness, business and general culture of representatives of other ethnic groups and confessions, and various social groups. GC-5.4. Ensures the creation of a non-discriminatory interaction environment when performing professional tasks.
GC-6. Able to determine and implement the priorities of their own activities and ways to improve them on the basis of self-assessment and education throughout the life	GC-6.1. Assesses their resources and their limits (personal, situational, temporary), optimally uses them for the successful performance of the assigned task. GC-6.2. Determines the priorities of professional growth and ways to improve their own activities based on self-assessment according to the selected criteria. GC-6.3. Builds a flexible professional trajectory using the tools of continuing education, taking into account the accumulated professional experience and dynamically changing requirements of the labor market.
GC-7. Able to maintain the proper level of physical fitness to ensure full-fledged social and professional activities	GC-7.1. Selects health-saving technologies for maintaining a healthy lifestyle, taking into account the physiological characteristics of the body. GC-7.2. Plans your working hours for an optimal combination of physical and mental activity and ensuring working capacity. GC-7.3. Observes and promotes healthy lifestyle standards in various life situations and in professional activities.
GC-8. It is able to create and maintain safe living conditions in everyday life and in professional activities to preserve the natural environment, ensure sustainable development of society, including in the event of a threat and occurrence of emergencies and military conflicts	GC-8.1. Analyzes factors of harmful influence on the life of elements of the environment (technical means, technological processes, materials, buildings, etc.). structures, natural and social phenomena). GC-8.2. Identifies dangerous and harmful factors within the scope of its activities. GC-8.3. Solves problems related to safety violations and participates in measures to prevent emergencies in the workplace. GC-8.4. Complies with and explains the rules of conduct in the event of natural and man-made emergencies, provides first aid, participates in recovery activities.
GC-9. Able to use basic dialectological knowledge in the social and professional spheres	GC-9.1. Knows the concept of inclusive competence, its components and structure; applies basic dialectological knowledge in the social and professional spheres. GC-9.2. Interacts in the social and professional spheres with persons with disabilities and persons with disabilities. GC-9.3. Knows the basics of defectology.
GC-10. Able to make informed economic decisions in various areas of life	GC-10.1. Uses in the professional sphere the main documents regulating economic activity, as well as the principles of planning economic activity. GC-10.2. Justifies the adoption of economic decisions, uses economic planning methods to achieve its goals.

<b>Code and descriptor of generic competence</b>	<b>Code and competence level indicator</b>
GC-11. It is able to form an intolerant attitude to manifestations of extremism, terrorism, and corrupt behavior and counteract them in the professional activities	GC-11.1. Uses the legal framework for combating corruption; ethical standards of relations between a doctor and a patient (their legal representatives). GC-11.2. Uses practical experience: communicating with patients (their legal representatives) in various situations. GC-11.3. Is able to correctly determine the tactics of relationships with patients in various situations, including cases of provoking a doctor to corrupt behavior on the part of the patient (his legal representative).

7.2. Upon completion of the Educational Programme, the graduate is expected to acquire the following general professional competences (GPCs):

<b>Code and descriptor of generic competence</b>	<b>Code and competence level indicator</b>
GPC-1. Able to implement moral and legal norms, ethical and deontological principles in professional activities.	GPC-1.1. Complies with the fundamentals of medical ethics and deontology; fundamentals of legislation in the field of healthcare; legal aspects of medical activity. GPC-1.2. Apply ethical standards 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 professional tasks; apply the rules and norms of interaction of a doctor with colleagues and patients (their legal representatives). GPC-1.3. Has practical experience in solving standard tasks of professional activity based on ethical standards and deontological principles in interaction with colleagues and patients (their legal representatives), knowledge of legal aspects of medical activity.
GPC-2. It is able to analyze the results of its own activities to prevent professional mistakes.	GPC-2.1. Analyzes the causes of professional errors, unfavorable treatment outcomes, and conflict situations. GPC-2.2. Scientifically substantiates and implements recommendations aimed at improving the medical and legal training of dentists, preventing professional errors, adverse outcomes and conflict situations. GPC-2.3. Evaluates the effectiveness of preventive measures aimed at preventing professional errors, adverse outcomes and conflict situations in dentistry.
GPC-3. Capable of countering and combating doping in sports.	GPC-3.1. Prepares information materials aimed at preventing the problem of doping in sports, for the implementation of the health and educational potential of sports. GPC-3.2. Understands the effect of the main types of doping on a person's physical qualities and their side effects. GPC-3.3. Determines the methods of anti-doping research.
GPC-4. It is able to carry out and monitor the effectiveness of prevention measures, the formation of a healthy lifestyle and sanitary and hygienic education of the population.	GPC-4.1. Analyzes the population's awareness of a healthy lifestyle and medical literacy. GPC-4.2. Develops a plan for improving the health culture and prevention of diseases of the population. organizational and methodological measures aimed at raising public awareness about a healthy lifestyle, its literacy in the prevention of dental diseases. GPC-4.3. Prepares an oral presentation or printed text that promotes a healthy lifestyle and increases the population's literacy

<b>Code and descriptor of generic competence</b>	<b>Code and competence level indicator</b>
	in the prevention of dental diseases.
GPC-5. Able to conduct a patient examination in order to establish a diagnosis when solving professional problems.	<p>GPC-5.1. Collects medical history, analyzing patient complaints, performing physical examination at a dental appointment.</p> <p>GPC-5.2. Formulates a preliminary diagnosis and make a plan for laboratory and instrumental examinations of the dental patient.</p> <p>GPC-5.3. Draws up medical documentation of a dental patient in accordance with regulatory requirements.</p> <p>GPC-5.4. Directs the patient for laboratory examination in the presence of medical indications in accordance with the current procedures for providing medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of dental care.</p> <p>GPC-5.5. Directs the patient for an instrumental examination if there are medical indications in accordance with the current procedures for providing medical care, clinical recommendations (treatment protocols) on the provision of dental care, taking into account the standards.</p> <p>GPC-5.6. Directs the patient for consultation with specialist doctors in the presence of medical indications in accordance with the current procedures for providing medical care, clinical recommendations (treatment protocols) on the provision of dental care, taking into account the standards.</p> <p>GPC-5.7. Directs the patient to provide specialized medical care in an inpatient setting or in a day hospital setting if there are medical indications in accordance with the current procedures for providing medical care, clinical recommendations (treatment protocols) on the provision of dental care.</p> <p>GPC-5.8. Performs differential diagnostics with other diseases/conditions, including urgent ones.</p> <p>GPC-5.9. Establishes a diagnosis based on the current international statistical classification of diseases and health-related problems.</p>
GPC-6. Able to prescribe, monitor the effectiveness and safety of non-drug and drug treatment in solving professional problems.	<p>GPC-6.1. Develops a plan for the treatment of dental diseases, taking into account the diagnosis, age and clinical picture in accordance with the current procedures for providing medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care.</p> <p>GPC-6.2. Selects medical devices (including dental materials) for drawing up a comprehensive treatment plan for dental diseases. Monitoring the patient's further treatment.</p> <p>GPC-6.3. Assesses possible side effects from taking medications.</p> <p>GPC-6.4. Provides medical assistance to a dental patient in an emergency or emergency form.</p> <p>GPC-6.5. Organizes the prevention and treatment of complications, side effects, and undesirable reactions, including unforeseen ones, that have occurred as a result of diagnostic or therapeutic manipulations, the use of medicines and (or) medical devices, and non-drug treatment at a dental appointment.</p> <p>GPC-6.6. Organizes personalized treatment of dental patients,</p>

<b>Code and descriptor of generic competence</b>	<b>Code and competence level indicator</b>
	<p>including elderly and senile patients, pregnant women, children with somatic pathologies, and evaluates the effectiveness and safety of treatment.</p> <p>GPC-6.7. Prescribes medicines and medical devices taking into account the diagnosis, age and clinical picture, and in accordance with the current procedures for providing medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care.</p> <p>GPC-6.8. Prescribes non-drug treatment taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for providing medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care.</p> <p>GPC-6.9. Assesses the effectiveness and safety of the use of medicines, medical devices and other treatment methods at a dental appointment.</p>
<p>GPC-7. Able to organize work and make professional decisions in emergency situations, in emergency situations, epidemics and in hotbeds of mass destruction.</p>	<p>OPK-7.1. Is able to organize work and make professional decisions in emergency situations, in emergency situations, epidemics, and in hotbeds of mass destruction.</p> <p>GPC-7.2. Knows the algorithm for providing first aid in emergency situations, including in extreme conditions and foci of mass destruction.</p> <p>GPC-7.3. Provides emergency medical care to patients with conditions that pose a threat to their lives, including clinical death (stopping vital functions of the human body (blood circulation and / or respiration).</p> <p>GPC-7.4. Uses medicines and medical devices when providing emergency medical care.</p>
<p>GPC-8. He is able to use basic physical and chemical, mathematical and natural science concepts and methods in solving professional problems.</p>	<p>GPC-8.1. Applies basic fundamental physical and chemical knowledge to solve professional problems.</p> <p>GPC-8.2. Applies applied natural science knowledge to solve professional problems.</p> <p>GPC-8.3. Applies fundamental mathematical knowledge to solve professional problems.</p>
<p>GPC-9. It is able to assess morpho functional, physiological states and pathological processes in the human body for solving professional tasks.</p>	<p>GPC-9.1. Knows the algorithm of clinical, laboratory and functional diagnostics in solving professional problems.</p> <p>GPC-9.2. Evaluates the results of clinical, laboratory and functional diagnostics when solving professional tasks, including using artificial intelligence technologies.</p> <p>GPC-9.3. Determines morpho functional, physiological states and pathological processes of the human body.</p>
<p>GPC-10. Able to organize the work of junior and secondary medical personnel in patient care.</p>	<p>GPC-10.1. Controls the performance of medical appointments by medical workers holding the positions of secondary and junior medical personnel.</p> <p>GPC-10.2. Monitors and evaluates the quality of medical care provided.</p> <p>GPC-10.3. Supervises medical professionals who hold the positions of secondary and junior medical personnel.</p> <p>GPC-10.4. Draws up a plan and report on its work.</p> <p>GPC-10.5. Analyzes the main medical and statistical indicators</p>

<b>Code and descriptor of generic competence</b>	<b>Code and competence level indicator</b>
	(morbidity, disability, mortality, lethality) of the population of the served territory.
GPC-11. Able to implement the principles of quality management in professional activities.	GPC-11.1. Performs professional activities of proper quality. GPC-11.2. Analyzes and critically evaluates the quality of professional activity based on the specified indicators. GPC-11.3. Develops a plan of organizational and methodological measures to achieve an appropriate level of professional activity quality.
GPC-12. It is able to implement and monitor the effectiveness of medical rehabilitation of a dental patient.	GPC-12.1. Develops optimal tactics for the treatment of dental pathology in children and adults, taking into account the general somatic disease and further rehabilitation of the patient. GPC-12.2. Applies methods of comprehensive rehabilitation of patients with dental diseases, taking into account the general condition of the body and the presence of concomitant pathology.
GPC-13. It is able to solve standard tasks of professional activity using information, bibliographic resources, medical and biological terminology, information and communication technologies, taking into account the basic requirements of information security.	GPC-13.1. Applies information technologies in professional activities, including the use of artificial intelligence technologies, and complies with the rules of information security; information and communication tools and technologies in professional activities. GPC-13.2. Complies with the rules of information security in professional activities.

7.3. Upon completion of the Educational Programme, the graduate is expected to acquire the following professional competences (PCs)\* :

<b>Code and descriptor of professional competence</b>	<b>Code and competence level indicator</b>	<b>Code and title of occupational standard for relevant PC</b>
PC-1 is formulated. Capable of conducting a patient examination in order to establish a diagnosis.	PC-1.1. Conducts a primary and / or repeated examination of the patient in order to establish a preliminary diagnosis. PC-1.2. Receives information from patients (their relatives/legal representatives), conducts a survey of patients on the general state of health, identification of concomitant diseases in order to establish a preliminary diagnosis. PC-1.3. Identifies dental and facial anomalies, deformities and prerequisites for their development, defects in the crowns of teeth and dentition rows in patients on the basis of examination of the patient, laboratory, instrumental, as well as additional examinations in order to establish a preliminary/final diagnosis. PC-1.4. Identifies risk factors for cancer pathology in patients (including various background processes, precancerous conditions) based on laboratory, instrumental and additional examinations in order to	02.005 Dentist

<b>Code and descriptor of professional competence</b>	<b>Code and competence level indicator</b>	<b>Code and title of occupational standard for relevant PC</b>
	<p>establish a preliminary/final diagnosis.</p> <p>PC-1.5. Establishes a preliminary / final diagnosis based on the patient's examination, laboratory and instrumental studies.</p> <p>PC-1.6. Establishes the final diagnosis based on additional examinations of patients.</p>	
<p>PC-2. It is capable of prescribing, monitoring the effectiveness and safety of non-drug and drug treatment.</p>	<p>PC-2.1. Organizes the provision of medical care in emergency and urgent forms for acute dental diseases, conditions, exacerbation of chronic diseases that pose a threat to the patient's life or without obvious signs of a threat to the patient's life.</p> <p>PC-2.2. Selects medicines and medical devices (including dental materials) for the treatment of dental diseases, assessing possible side effects from taking medications.</p> <p>PK-2.3. Conducts counseling the patient on the treatment of dental diseases, the plan for the complex treatment with the justification of the most appropriate tactics and assessing the possible complications caused by the application of the methodology.</p> <p>PC-2.4. Conducts recruitment of local anesthesia/analgesia, and evaluates the possible complications associated with their use.</p> <p>PC-2.5. Conducts specialized admission adults and/or children, monitoring the progress of treatment of caries, non-carious dental caries, pulpitis, periodontitis, periodontal disease, jaw bones, and peripheral nervous system of the maxillofacial region, temporomandibular joint, salivary glands, diseases of the mucous membrane of the oral cavity with the use of modern methods of treatment approved for use in medical practice.</p> <p>PC-2.6. Holds orthopedic treatment of individuals with defects of the teeth, dentition within the temporary prosthesis prosthetic single teeth defects, prostheses up to three pages (excluding the prosthesis on dental implants), full and partial removable laminar dentures with the use of modern methods of treatment approved for use in medical practice.</p> <p>PC-2.7. Conducts surgical care to adults and/or children within the operation of tooth extraction (excluding impacted and dystopian), the autopsy of subperiosteal abscesses in the periostitis of the jaw, acute and chronic odontogenic inflammatory processes, exacerbation of chronic diseases of the maxillofacial region with the use of modern methods of treatment approved for use in medical practice.</p>	<p>02.005 Dentist</p>

<b>Code and descriptor of professional competence</b>	<b>Code and competence level indicator</b>	<b>Code and title of occupational standard for relevant PC</b>
	<p>PC-2.8. Conducts surveillance and treatment of diseases of the mucous membrane of the mouth, lips, except for specialized treatment of oral precancerous conditions of the mucous membrane of the oral cavity and lips., treatment of children with symptoms of viral, bacterial, allergic, and other childhood infections in the mouth.</p> <p>PC-2.9. Performs stage-by-stage rehabilitation of the oral cavity (excluding rehabilitation of children in the conditions of an anesthetic allowance).</p> <p>PC-2.10. Provides emergency and emergency medical care, eliminating foci of infection and intoxication.</p> <p>PC-2.11. Conducts referral of patients for inpatient treatment for dental diseases in accordance with the established procedure and conducts epacrisis formation.</p> <p>PC-2.12. Provides care for patients with injuries to the maxillofacial region, persons with disabilities at home.</p> <p>PC-2.13. Performs physiotherapy procedures.</p>	
<p>PC-3. Capable of developing, implementing and monitoring the effectiveness of individual rehabilitation programs.</p>	<p>PC-3.1. Provides the provision of qualified medical care in its specialty using modern rehabilitation methods that are allowed for use in medical practice.</p> <p>PC-3.2. Draws up an individual rehabilitation plan for a patient with maxillofacial diseases.</p> <p>PC-3.3. Conducts monitoring and selection of medications for the patient's rehabilitation.</p>	<p>02.005 Dentist</p>
<p>PC-4. It is capable of carrying out and monitoring the effectiveness of sanitary, anti-epidemic and other preventive measures to protect public health.</p>	<p>PC-4.1. Conducts brief preventive counseling, preventive examinations of the population and measures to reduce morbidity, including infectious diseases, disability, mortality, and lethality.</p> <p>PC-4.2. Forms a plan of preventive dental care for the patient and selects medicines and medical devices in the category "Dental materials" for the prevention of dental diseases and monitors their implementation.</p> <p>PC-4.3. Provides qualified medical care in its specialty using modern methods of prevention that are allowed for use in medical practice.</p> <p>PC-4.4. Organizes control of the prevention of diseases of the oral mucosa and lips, including oncohygienic prevention and secondary prevention of oncological neoplasms, with the exception of specialized admission for the treatment of precancerous oral mucosa and gub.</p>	<p>02. 005 Dentist</p>
<p>PC-5. It is capable of conducting sanitary and hygienic education</p>	<p>PC-5.1. Creates motivation for patients (their relatives/legal representatives) to lead a healthy lifestyle and give up bad habits.</p>	<p>02.005 Dentist</p>

<b>Code and descriptor of professional competence</b>	<b>Code and competence level indicator</b>	<b>Code and title of occupational standard for relevant PC</b>
among the population and medical workers in order to form a healthy lifestyle.	PC-5.2. Develops positive behavior in patients (their relatives/legal representatives) aimed at maintaining and improving the level of health.	
PC-6. Able to analyze and publicly present medical information based on evidence-based medicine, to participate in scientific research, to introduce new methods and techniques aimed at protecting public health.	PC-6.1. Searches for medical information based on evidence-based medicine, interprets data from scientific publications and/or prepares a presentation for public presentation of medical information, information, results of scientific research. PC-6.2. Develops algorithms for examination and treatment of adults and children with dental diseases in accordance with the principles of evidence-based medicine, as well as search and interpretation of medical information based on evidence-based medicine. PC-6.3. Conducts public presentation of medical information based on evidence-based medicine/partial participation in scientific research.	02.005 Dentist
PC-7. Capable of conducting organizational and managerial activities.	PC-7.1. Maintains medical records. PC-7.2. Organizes the management of medical workers holding the positions of secondary and junior medical personnel, quality control of the implementation/provision of medical care, and medical appointments. PC-7.3. Conducts expert examinations of temporary disability of patients, disability in caring for a sick child, determination of medical indications for employment, transfer to light working conditions, sanatorium treatment. PC-7.4. Analyzes and provides basic medical and statistical indicators in accordance with the established procedure (morbidity, disability, mortality, lethality) of the population PC-7.5. Draws up a work plan and a report on its work.	02.005 Dentist

\* - The PC is formulated by the developer of the program, taking into account the requirements of professional standards and the orientation of the OP HE.

**8. MATRIX OF COMPETENCES that students acquire** when mastering the Educational Programme **Dentistry**, implemented under the RUDN University Academic Council decision dated " \_\_ " \_\_\_\_\_ 20\_\_ (Protocol No. \_\_\_\_\_) in the field of studies / specialty **31.05.03 Dentistry**

Code	Courses/modules that form students' competences	GENERIC COMPETENCIES										
		GC-1	GC-2	GC-3	GC-4	GC-5	GC-6	GC-7	GC-8	GC-9	GC-10	GC-11
<b>Block 1. Disciplines (modules)</b>												
<b>Mandatory part</b>												
B1. O.01	<b>Language block</b>											
B1. O. 01. DV. 01. 01	Foreign Language				GC-4.1-4.5							
B1. O. 01. DV. 01. 02	Russian as a Foreign				GC-4.1-4.5							
B1. O.02	History of Russia					GC-5.1-5.4						
B1. O.03	Fundamentals of military training. The health and safety								GC-8.1-8.4			
B1. About.04	the Foundations of Russian statehood					GC-5.1-5.4						
B1. About.05	the history of the religions of Russia					GC-5.1-5.4						
B1. About.06	the Philosophy	GC-1.1-1.2				GC-5.1						
B1. About.07	introduction to the profession											
B1. About.08	History of medicine	GC-1.3				GC-5.4						
B1. About.09	Jurisprudence											GC-11.1-11.3
B1. About.10	Latin				GC-4.4							

Code	Courses/modules that form students' competences	GENERIC COMPETENCIES										
		GC-1	GC-2	GC-3	GC-4	GC-5	GC-6	GC-7	GC-8	GC-9	GC-10	GC-11
B1. About.11	Psychology, pedagogy	GC-1.1-1.3		GC-3.1-3.2			GC-6.1-6.3			GC-9.1-9.3		
B1. About.12	Maths	GC-1.1-1.4					UK-6.1					
B1. About.13	Physics	GC-1.1-1.5										
B1. About.14	Health Informatics											
B1. About.15	Chemistry						GC-6.1					
B1. About.16	Biological chemistry - Biochemistry of the mouth											
B1. About.17	Biology											
B1. About.18	Anatomy of man	GC-1.1										
B1. About.19	Histology, embryology, Cytology - Histology of the oral cavity											
B -1. About.20	Normal physiology, physiology of the maxillo - facial region											
B1. About.21	Microbiology, Virology - Microbiology of the oral cavity											
B -1. About.22	Immunology, clinical immunology	GC-1.1-1.5										
B1. About.23	organization of the overall patient-care											
B1. About.24	Pharmacology			GC-3.3								
B1. About.25	of Pathological anatomy - pathology is a head and neck											

Code	Courses/modules that form students' competences	GENERIC COMPETENCIES										
		GC-1	GC-2	GC-3	GC-4	GC-5	GC-6	GC-7	GC-8	GC-9	GC-10	GC-11
B1. About.26	Pathophysiology the Pathophysiology of head and neck	GC-1.1										
B1. About.27	Hygiene							GC-7.1-7.3	GC-8.1-8.2			
B1. About.28	Public health and health care			GC-3.4				GC-7.1-7.3			GC-10.1-10.2	
B1. About.29	Epidemiology								GC-8.3-8.4			
B1. About.30	Internal medicine											
B1. About.31	Clinical pharmacology											
B1. About.32	General surgery											
B1. About.33	Surgical disease											
B1. About.34	radiodiagnosis											
B1. About.35	emergency Medicine		GC-2.1-2.5	GC-3.4								
B1. About.36	Infectious diseases and Phthisiology								GC-8.3-8.4			
B1. About.37	Dermatovenereology											
B1. About.38	Neuroscience											
B1. About.39	Psychiatry and narcology											
B1. About.40	Otorhinolaryngology	GC-1.1										
B1. About.41	Ophthalmology											
B1. About.42	Forensic medicine											
B1. About.43	Obstetrics	GC-1.1-1.5										
B1. About.44	Pediatrics											
B1. About.45	Prevention and communal dentistry											
B1. About.46	Propedeutics of dental diseases											

Code	Courses/modules that form students' competences	GENERIC COMPETENCIES											
		GC-1	GC-2	GC-3	GC-4	GC-5	GC-6	GC-7	GC-8	GC-9	GC-10	GC-11	
B1. About.47	Karjalohja and diseases of hard tissues of teeth												
B1. About.48	Endodontics												
B1. About.49	Gerontostomatology and diseases of the mucous membranes of the oral cavity												
B -1. About.50	Periodontics												
B1. About.51	Local anesthesia and anesthesiology in dentistry												
B1. About.52	Surgery of the oral cavity												
B -1. About.53	Gnathology and functional diagnostics of the temporal mandibular joint	GC-1.1											
B1. About.54	Dentures (easy prosthetics)	GC-1.1											
B1. O.55	Prosthetics in the complete absence of teeth	GC-1.1											
B1. O.56	Prosthetics of dentition rows (complex prosthetics)	GC-1.1											
B1. O.57	Materials Science												
B1. O.58	Maxillofacial and gnatic surgery												
B1. O.59	Diseases of the head and neck												
B1. O.60	Children's Maxillofacial Surgery	GC-1.1											
B1. O.61	Maxillofacial prosthetics	GC-1.1											
B1. O.62	Children's dentistry	GC-1.1											
B1. O.63	Orthodontics and children's prosthetics	GC-1.1											

Code	Courses/modules that form students' competences	GENERIC COMPETENCIES										
		GC-1	GC-2	GC-3	GC-4	GC-5	GC-6	GC-7	GC-8	GC-9	GC-10	GC-11
B1. O.64	Physical culture							GC-7.1-7.3				
<b>Part formed by participants of educational relations</b>												
B1. V.01	<b>Language block</b>											
B1. V. 01. DV. 01. 01	Foreign language (professional level)				GC-4.2, GC-4.4	GC-5.3						
B1. V. 01. DV. 01. 02	Russian language (professional level)				GC-4.1-4.5							
B1. V.02	Russian language and Speech culture				GC-4.1-4.3							
B1. V.03	Innovative technologies in dentistry											
B1. V.04	Topographic anatomy and operative surgery of the head and neck											
B1. V.05	Emergency conditions in outpatient dental practice											
B1.B. 06	Physiotherapy of dental diseases											
B.1. V.07	Medical genetics in dentistry	GC-1.1										
B1. V.08	Medical rehabilitation	GC-1.1-1.5							GC-8.1-8.4			
B1. V.09	Socially significant projects in medicine	GC-1.4	GC-2.1-2.5		GC-4.1							
B1. V.10	Clinical dentistry											
B1. V.11	Implantology and reconstructive surgery of the oral cavity											

Code	Courses/modules that form students' competences	GENERIC COMPETENCIES										
		GC-1	GC-2	GC-3	GC-4	GC-5	GC-6	GC-7	GC-8	GC-9	GC-10	GC-11
B1.V.12	Oncostomatology and radiation therapy											
B1.V.13	Applied physical culture							GC-7.1-7.3				
B1. V. DV. 01	<b>Elective subjects (modules) 1 (DV. 1)</b>											
B1. V. DV. 01. 01	Bioethics					GC-5.2-5.3						GC-11.1-11.2
B1. V. DV. 01. 02	Economics										GC-10.1-10.2	
B1. V. DV. 01. 03	Fundamentals of Professional Ethics					GC-5.2-5.3						GC-11.1-11.2
B1. V. DV. 02	<b>Elective subjects (modules) 2 (DV. 2)</b>											
B1. V. DV. 02. 01	Chemistry of biogenic elements	GC-1.1										
B1. V. DV. 02. 02	Dental modeling of teeth	GC-1.1-1.2										
B1. V. DV. 03	<b>Elective subjects (modules) 3 (DV. 3)</b>											
B1. V. DV. 03. 01	Medical elementology	GC-1.3										
B1. V. DV. 03. 02	Bioelements in medicine	GC-1.3										
B1. V. DV. 04	<b>Elective subjects (modules) 4 (DV. 4)</b>											
B1. V. DV. 04. 01	Three-dimensional-radiological diagnostic methods in dentistry											
B1. V. DV. 04. 02	Three-dimensional-computer modeling of teeth											
B1. V. DV. 05	<b>Elective subjects (modules) 5 (DV. 5)</b>											

Code	Courses/modules that form students' competences	GENERIC COMPETENCIES										
		GC-1	GC-2	GC-3	GC-4	GC-5	GC-6	GC-7	GC-8	GC-9	GC-10	GC-11
B1. V. DV. 05. 01	Modern endodontics											
B1. V. DV. 05. 02	Aesthetic restoration of teeth											
<b>Block 2.Practice</b>												
<b>Required part</b>												
B2.O. 01(Y)	Introductory practice											
B2.O. 02(Y)	Practice in obtaining primary professional skills in the positions of secondary medical personnel (Assistant ward and procedural nurse)											
B2. O. 03(P)	Assistant to a dentist (hygienist)											
B2. O. 04(P)	Assistant to a dentist (surgeon)											
B2.O. 05(P)	Assistant to a dentist (therapist)	GC-1.1										
B2.O. 06(P)	Assistant to a dentist (orthopedic surgeon)	GC-1.1										
B2.O. 07(P)	Assistant dentist (children's)											
B2. O. 08(P)	Assistant to a dentist (general practitioner), including research work			GC-3.1-3.4						GC-9.1-9.3		
<b>FTD.Optional services disciplines</b>												
<b>Part formed by participants of educational relations</b>												

Code	Courses/modules that form students' competences	GENERIC COMPETENCIES										
		GC-1	GC-2	GC-3	GC-4	GC-5	GC-6	GC-7	GC-8	GC-9	GC-10	GC-11
FTD. V. 01	Foreign language (optional)				GC-4.1-4.5							
FTD.V. 02	Russian language for foreign students				GC-4.1-4.5							
FTD. V. 03	Russian language in the academic sphere				GC-4.1-4.5							
FTD. V. 04	Methods of teaching Russian as a foreign				GC-4.1-4.2, GC-4.5							
FTD. V. 05	Fundamentals of translation				GC-4.1-4.2, GC-4.5							
FTD. V. 06	Telemedicine											
FTD. V. 07	General medical skills											
FTD. V. 08	Emergency conditions											
FTD. V. 09	Cone-beam computed tomography in the diagnosis, planning and evaluation of the effectiveness of dental decisions											
FTD. V. 10	Evidence-based medicine	GC-1.1-1.3										
FTD. V. 11	Clinical studies											
of FTD. V. 12	Digital dentistry											

Code	Courses/modules that form students' competences	GENERAL PROFESSIONAL COMPETENCIES												
		GPC-1	GPC-2	GPC-3	GPC-4	GPC-5	GPC-6	GPC-7	GPC-8	GPC-9	GPC-10	GPC-11	GPC-12	GPC-13
<b>Block 1. Disciplines (modules)</b>														
<b>Mandatory part</b>														
B1.O.01	<b>Language block</b>													
B1. O. 01. DV. 01. 01	Foreign language													
B1. O. 01. DV. 01. 02	Russian as a foreign language													
B1.O.02	History of Russia													
B1.O.03	Fundamentals of military training. Life safety						GPC-6.1-6.9							
B1. O.04	Fundamentals of Russian Statehood													
B1. O.05	History of Religions of Russia													
B1. O.06	Philosophy													
B1. O.07	Introduction to the specialty	GPC-1.1												
B1.O.08	History of medicine	GPC-1.1												
B1. O.09	Law	GPC-1.1-1.3												
B1. O.10	Latin language													
B1.O.11	Psychology, Pedagogy													
B1.O.12	Mathematics								GPC-8.1-8.3					
B1.O.13	Physics								GPC-8.1-8.3					GPC-13.1-13.2
B1. O.14	Medical informatics													GPC-13.1-13.2
B1. O.15	Chemistry			GPC-3.2										
B1.O.16	Biological Chemistry-Oral Biochemistry									GPC-9.1-9.3				
B1.O.17	Biology								GPC-8.2					
B1.O.18	Human anatomy									GPC-9.3				GPC-13.1

Code	Courses/modules that form students' competences	GENERAL PROFESSIONAL COMPETENCIES												
		GPC-1	GPC-2	GPC-3	GPC-4	GPC-5	GPC-6	GPC-7	GPC-8	GPC-9	GPC-10	GPC-11	GPC-12	GPC-13
B1.About.19	Histology, embryology, Cytology - Histology of the oral cavity									GPC-9.1-9.3				
B1.About.20	Normal physiology, physiology of the maxillo - facial region									GPC-9.1-9.3				
B1.About.21	Microbiology, Virology - Microbiology of the oral cavity									GPC-9.1-9.3				
B1.About.22	Immunology, clinical immunology						GPC-6.1-6.9							
B1.About.23	General nursing	GPC-1.1-1.3									GPC-10.1, GPC-10.3			
B1.About.24	Pharmacology						GPC-6.1							GPC-13.1-13.2
B1.About.25	of Pathological anatomy - pathology is a head and neck						GPC-5.8-5.9			GPC-9.3				
B1.About.26	Pathophysiology the Pathophysiology of head and neck									GPC-9.1-9.3				
B1.About.27	Hygiene				GPC-4.1-4.2									
B1.About.28	Public health and health care										GPC-10.5	GPC-11.1		
B1.About.29	Epidemiology							GPC-7.1						
B1.About.30	Internal medicine					GPC-5.1-5.9	GPC-6.1-6.9				GPC-10.2			
B1.About.31	Clinical pharmacology						GPC-6.1, GPC-6.3, GPC-6.5, GPC				GPC-10.4			

Code	Courses/modules that form students' competences	GENERAL PROFESSIONAL COMPETENCIES												
		GPC-1	GPC-2	GPC-3	GPC-4	GPC-5	GPC-6	GPC-7	GPC-8	GPC-9	GPC-10	GPC-11	GPC-12	GPC-13
							-6.7, GPC-6.9							
B1.About.32	General surgery					GPC-5.1-5.3	GPC-6.1-6.3	GPC-7.1-7.3						
B1.About.33	Surgical disease					GPC-5.1-5.3	GPC-6.1-6.3	GPC-7.1-7.3						
B1.About.34	radiodiagnosis									GPC-6.2				
B1.About.35	emergency Medicine							GPC-7.1-7.4				GPC-11.3		
B1.About.36	Infectious diseases and Phthisiology													
B1.About.37	Dermatovenereology					GPC-5.1-5.9	GPC-6.1-6.9							
B1.About.38	Neuroscience					GPC-5.1-5.2, GPC-5.5., GPC-5.8	GPC-6.1, GPC-6.4, GPC-6.8							
B1.About.39	Psychiatry and narcology					GPC-5.1-5.3	GPC-6.1-6.3							
B1.About.40	Otorhinolaryngology	GPC-1.1-1.2												
B-1.About.41	Ophthalmology					GPC-5.6, GPC-5.8				GPC-9.3				
B1.About.42	Forensic medicine									OPK-9.1-9.3		GPC-11.2-11.3		
B1.About.43	Obstetrics					GPC-5.8-5.9	GPC-6.3	GPC-7.1-7.4	GPC-8.1-8.3	GPC-9.1-9.3				GPC-13.1-13.2
B1.About.44	Pediatrics					GPC-5.8	GPC-6.1, GPC-6.6						GPC-12.1	
B1.About.45	Prevention and communal dentistry				GPC-4.1-4.3									
B1.About.46	Propedeutics of dental diseases					GPC-5.1, GPC-5.3								

Code	Courses/modules that form students' competences	GENERAL PROFESSIONAL COMPETENCIES												
		GPC-1	GPC-2	GPC-3	GPC-4	GPC-5	GPC-6	GPC-7	GPC-8	GPC-9	GPC-10	GPC-11	GPC-12	GPC-13
B1.About.47	Karjalohja and diseases of hard tissues of teeth		GPC-2.1-2.2			GPC-5.1-5.5, GPC-5.9	GPC-6.1-6.2							
B1.About.48	Endodontics		GPC-2.1-2.2			GPC-5.1-5.5, GPC-5.9	GPC-6.1-6.2							
B1.About.49	Gerontostomatology and diseases of the mucous membranes of the oral cavity		GPC-2.1-2.2			GPC-5.1-5.5, GPC-5.9	GPC-6.1-6.2							
B1.About.50	Periodontics		GPC-2.1-2.2			GPC-5.1-5.5, GPC-5.9	GPC-6.1-6.2							
B1.About.51	Local anesthesia and anesthesiology in dentistry		GPC-2.2			GPC-5.1-5.2				GPC-9.1-9.2				
B1.About.52	Surgery of the oral cavity		GPC-2.1-2.2			GPC-5.1-5.2	GPC-6.1-6.2			GPC-9.1-9.2				
B1.About.53	Gnathology and functional diagnostics of the temporal mandibular joint					GPC-5.1-5.3, GPC-5.8-5.9	GPC-6.1-6.2							
B1.About.54	Dentures (easy prosthetics)					GPC-5.1-5.3, GPC-5.8-5.9	GPC-6.1-6.2			GPC-9.2				GPC-13.1
B1. O.55	Prosthetics in the complete absence of teeth					GPC-5.1-5.3, GPC-5.8-5.9	GPC-6.1-6.2							
B1.O.56	Prosthetics of dentition rows (complex prosthetics)					GPC-5.1-5.3, OPK-5.8-5.9	GPC-6.1-6.2			GPC-9.2				GPC-13.1
B1. O.57	Materials Science						GPC-6.2		GPC-8.1					
B1.O.58	Maxillofacial and gnatic surgery		GPC-2.1-2.2			GPC-5.1-5.2	OPK-6.1-6.2	GPC-7.1-7.2		GPC-9.1-9.2			GPC-12.2	
B1.O. 59	Diseases of the head and neck		GPC-2.1-2.2			GPC-5.1-5.2	GPC-6.1-6.2	GPC-7.1-7.2		GPC-9.1-9.2			GPC-12.2	

Code	Courses/modules that form students' competences	GENERAL PROFESSIONAL COMPETENCIES												
		GPC-1	GPC-2	GPC-3	GPC-4	GPC-5	GPC-6	GPC-7	GPC-8	GPC-9	GPC-10	GPC-11	GPC-12	GPC-13
B1. O.60	Children's maxillofacial surgery					GPC-5.1-5.3, GPC-5.8-5.9	GPC-6.1-							
6.2 B1. O.61	Maxillofacial prosthetics					GPC-5.1-5.3, OPK-5.8-5.9	GPC-6.1-6.2						GPC-12.2	
B1. O.62	Pediatric dentistry	GPC-1.1, GPC-1.3	GPC-2.1-2.3		GPC-4.1, GPC-4.3	GPC-5.1-5.6, GPC-5.8-5.9	GPC-6.1-6.5, GPC-6.9			GPC-9.1-9.3				
B1. O.63	Orthodontics and children's prosthetics	GPC-1.1, GPC-1.3	GPC-2.1-2.3		GPC-4.1, GPC-4.3	GPC-5.1-5.6, GPC-5.8-5.9	GPC-6.1-6.5, GPC-6.9			GPC-9.1-9.3				
B1. O.64	Physical culture			GPC-3.1, GPC-3.3										
<b>Part formed by participants of educational relations</b>														
B1. V.01	<b>Language block</b>													
B1. V. 01. DV. 01. 01	Foreign language (professional level)													
B1. V. 01. DV. 01. 02	Russian language (professional level)													
B1. V.02	Russian language and Speech culture													
B1. V.03	Innovative technologies in dentistry								GPC-8.1-8.2					
B1. V.04	Topographic anatomy and operative surgery of the head and neck							GPC-7.1-7.4		GPC-9.3				
B1. V.05	Emergency conditions in outpatient dental practice					GPC-5.8	GPC-6.7	GPC-7.2-7.4						
B1. V.06	Physiotherapy of dental diseases								GPC-8.1-8.2					

Code	Courses/modules that form students' competences	GENERAL PROFESSIONAL COMPETENCIES												
		GPC-1	GPC-2	GPC-3	GPC-4	GPC-5	GPC-6	GPC-7	GPC-8	GPC-9	GPC-10	GPC-11	GPC-12	GPC-13
B1. V.07	Medical genetics in dentistry					GPC-5.1-5.3, GPC-5.8-5.9	GPC-6.1-6.2							
B1. V.08	Medical rehabilitation	GPC- 1.1-1.2			GPC-4.1-4.3		GPC-6.1-6.9	GPC-7.1-7.4		GPC-9.1-9.3			GPC-12.1-12.2	GPC-13.1-13.2
B1. V.09	Socially significant projects in medicine		GPC-2.3											
B1.V.10	Clinical dentistry						GPC-6.1						GPC-12.1-12.2	
B1. V.11	Implantology and reconstructive surgery of the oral cavity		GPC-2.1-2.2			GPC-5.2	GPC-6.1-6.2	GPC-7.1-7.2		GPC-9.1-9.2				
B1. V.12	Oncostomatology and radiation therapy													
B1. V.13	Applied physical culture			GPC-3.1, GPC-3.3										
B1. V. DV. 01	<b>Elective subjects (modules) 1 (DV. 1)</b>													
B1. V. DV. 01. 01	Bioethics													
B1. V. DV. 01. 02	Economics													
B1. V. DV. 01. 03	Fundamentals of Professional Ethics													
B1. V. DV. 02	<b>Elective subjects (modules) 2 (DV. 2)</b>													
B1. V. DV. 02. 01	Biogenic element chemistry													
B1. V. DV. 02. 02	Dental modeling of teeth													
B1. V. DV. 03	<b>Elective subjects (modules) 3 (DV. 3)</b>													
B1. V. DV. 03. 01	Medical elementology													
B1. V. DV. 03. 02	Bioelements in medicine													
B1. V. DV. 04	<b>Elective subjects (modules) 4 (DV. 4)</b>													

Code	Courses/modules that form students' competences	GENERAL PROFESSIONAL COMPETENCIES												
		GPC-1	GPC-2	GPC-3	GPC-4	GPC-5	GPC-6	GPC-7	GPC-8	GPC-9	GPC-10	GPC-11	GPC-12	GPC-13
B1. V. DV. 04. 01	Three-dimensional-radiological diagnostic methods in dentistry													
B1. V. DV. 04. 02	Three-dimensional-computer modeling of teeth													
B1. V. DV. 05	<b>Elective subjects (modules) 5 (DV. 5)</b>													
B1. V. DV. 05. 01	Modern endodontics													
B1. V. DV. 05. 02	Aesthetic restoration of teeth													
<b>Block 2.Practice</b>														
<b>Required part</b>														
B2.O. 01(Y)	Introductory practice	GPC-1.1-1.3												
B2.O. 02(U)	Practice in obtaining primary professional skills in the positions of secondary medical personnel (Assistant ward and procedural nurse)	GPC-1.1-1.3									GPC-10.4			
B2. O. 03(P)	Assistant to a dentist (hygienist)													
B2. O. 04(P)	Assistant to a dentist (surgeon)													
B2.O. 05(P)	Assistant to a dentist (therapist)													
B2. O. 06(P)	Assistant to a dentist (orthopedic surgeon)	GPC-1.1-1.3	GPC-2.1, GPC -2.3				GPC-5.1-5.3, GPC-5.8-5.9							
B2.O. 07(P)	Assistant dentist (children's)													

Code	Courses/modules that form students' competences	GENERAL PROFESSIONAL COMPETENCIES												
		GPC-1	GPC-2	GPC-3	GPC-4	GPC-5	GPC-6	GPC-7	GPC-8	GPC-9	GPC-10	GPC-11	GPC-12	GPC-13
B2. O. 08(P)	Assistant to a dentist (general practitioner), including research work													
<b>of the FTD.Optional subjects</b>														
<b>Part formed by participants of educational relations</b>														
FTD. V. 01	Foreign language (optional)													
FTD. V. 02	Russian language for foreign students													
FTD. V. 03	Russian language in the academic sphere													
FTD. V. 04	Methods of teaching Russian as a foreign language													
FTD. V. 05	Fundamentals of translation													
FTD. V. 06	Telemedicine									GPC-9.2				GPC-13.1-13.2
FTD. V. 07	General medical skills								GPC-7.2-7.4					
FTD. V. 08	Emergency conditions								GPC-7.2-7.4					
FTD. V. 09	Cone beam computed tomography in the diagnosis, planning and evaluation of the effectiveness of a dental decision													
FTD. V. 10	Evidence-based medicine													
FTD. V.	11 Clinical research													
FTD. V. 12	Digital dentistry													GPC-13.1

Code	Courses/modules that form students' competences	PROFESSIONAL COMPETENCIES						
		PC-1	PC-2	PC-3	PC-4	PC-5	PC-6	PC-7
<b>Block 1. Disciplines (modules)</b>								
<b>Mandatory part</b>								
B1.O.01	<b>Language block</b>							
B1. O. 01. DV. 01. 01	Foreign language							
B1. O. 01. DV. 01. 02	Russian as a foreign language							
B1. O.02	History of Russia							
B1.O.03	Fundamentals of military training. Safety	PC-1.1-1.6						
B1.About.04	the Foundations of Russian statehood							
B1.About.05	the history of the religions of Russia							
B1.About.06	Philosophy							
B1.About.07	introduction to the profession							
B1.About.08	History of medicine							
B1.About.09	Jurisprudence							
B1.About.10	Latin							
B1.About.11	Psychology, pedagogy					PC-5.1-5.2		
B1.About.12	Mathematics							
B1.About.13	Physics							
B1.About.14	Health Informatics							
B1.About.15	Chemistry							
B1.About.16	Biological chemistry - Biochemistry of the mouth							
B1.About.17	Biology							
B1.About.18	human Anatomy							
B1.About.19	Histology, embryology, Cytology - Histology of the oral cavity							
B -1.About.20	Normal physiology, physiology of the maxillo - facial region							
B1.About.21	Microbiology, Virology - Microbiology of the oral cavity							
B -1.About.22	Immunology, clinical immunology	PC-1.1-1.6					PC-6.1-6.3	PC-7.1-7.5

Code	Courses/modules that form students' competences	PROFESSIONAL COMPETENCIES						
		PC-1	PC-2	PC-3	PC-4	PC-5	PC-6	PC-7
B1.About.23	Organization total care		PC-2.12-2.13					PC-7.2
B1.About.24	Pharmacology						PC-6.1-6.3	
B1.About.25	of Pathological anatomy - pathology is a head and neck	PC-1.5						
B1.About.26	Pathophysiology the Pathophysiology of head and neck	PC-1.4						
B1.About.27	Hygiene					PC-5.1-5.2		
B1.About.28	Public health and health care					PC-5.1-5.2		PC-7.1-7.5
B1.About.29	Epidemiology				PC-4.1			
B1.About.30	Internal medicine							
B1.About.31	Clinical pharmacology		PC-2.2, PC-2.4					
B1.About.32	General surgery							
B1.About.33	Surgical disease							
B1.About.34	radiodiagnosis	PC-1.5						
B1.About.35	emergency Medicine			PC-3.1-3.3				
B1.About.36	Infectious diseases and Phthisiology		PC-2.8, PC-2.10					
B1.About.37	Dermatovenereology							
B1.About.38	Neuroscience							
B1.About.39	Psychiatry and narcology							
B1.About.40	Otorhinolaryngology	PC-1.1-1.2						
B -1.About.41	Ophthalmology	PC 1.2					PC-6.1	
B1.About.42	Forensic medicine							
B1.About.43	Obstetrics	PC-1.1-1.2						
B -1.About.44	Pediatrics							
B1.About.45	Prevention and communal dentistry				PC-4.1-4.4	PC-5.1-5.2		
B1.About.46	Propedeutics of dental diseases	PC-1.1	PC 2.4					PC-7.1
B1.About.47	Karjalohja and diseases of hard tissues of teeth	PC-1.1-1.3	PC-2.1-2.4, PC 2.11					
B1.About.48	Endodontics	PC-1.1-1.3	PC-2.1-2.4					

Code	Courses/modules that form students' competences	PROFESSIONAL COMPETENCIES						
		PC-1	PC-2	PC-3	PC-4	PC-5	PC-6	PC-7
B1.About.49	Gerontostomatology and diseases of the mucous membranes of the oral cavity	PC-1.1-1.3	PK-2.1-2.4, PC-2.7					
B1.About.50	Periodontics	PC-1.1-1.3	PK-2.1-2.4					
B1.About.51	Local anesthesia and anesthesiology in dentistry	PC-1.1-1.2	PC-2.1-2.2	PC-3.1-3.2		PC-5.1-5.2		
B1.About.52	Surgery of the oral cavity	PC-1.1-1.2	PC-2.1-2.2	PC-3.1-3.2		PC-5.1-5.2		
B1.About.53	Gnathology and functional diagnostics of the temporal mandibular joint	PC-1.1-1.5	PC-2.6				PC-6.1	
B1.About.54	Dentures (easy prosthetics)	PC-1.1-1.5	PC-2.6				PC-6.1	
B1. O.55	Prosthetics in the complete absence of teeth	PC-1.1-1.5	PC-2.6				PC-6.1	
B1.O.56	Dentition (complex prosthetics)	PC-1.1-1.5	PC-2.6				PC-6.1	
B1. O.57	Materials Science							
B1.O.58	Maxillofacial and Gnatic surgery	PC-1.1-1.2	PC-2.1-2.2	PC-3.1-3.2		PC-5.1-5.2		
B1. O.59	Head and neck diseases	PC-1.1-1.2	PC-2.1-2.2, PC-2.11	PC-3.1-3.2		PC-5.1-5.2		
B1. O.60	Children's maxillofacial surgery	PC-1.1-1.5	PC-2.6				PC-6.1	
B1.O.61	Maxillofacial prosthetics	PC-1.1-1.5	PC-2.6				PC-6.1	
B1. O.62	Children's dentistry	PC-1.1-1.3, PC-1.5-1.6	PC-2.1-2.5, PC-2.8-2.9, PC-2.11			PC-5.1		
B1.O.63	Orthodontics and children's prosthetics	PC-1.1-1.3, PC-1.5-1.6	PC-2.1-2.5, PC-2.8-2.9			PC-5.1		
B1. O.64	Physical culture							
<b>Part formed by participants of educational relations</b>								
B1. V.01	<b>Language block</b>							
B1. V. 01. DV. 01. 01	Foreign language (professional level)							
B1. V. 01. DV. 01. 02	Russian language (professional level)							
B1. V.02	Russian language and speech culture							
B1. V.03	Innovative technologies in dentistry		PC-2.2					

Code	Courses/modules that form students' competences	PROFESSIONAL COMPETENCIES						
		PC-1	PC-2	PC-3	PC-4	PC-5	PC-6	PC-7
B1. V.04	Topographic anatomy and operative surgery of the head and neck							
B1. V.05	Emergency conditions in outpatient dental practice							
B1. V.06	Physiotherapy of dental diseases		PC-2.2, PC-2.13					
B1. V.07	Medical genetics in dentistry	PC-1.1-1.5	PC-2.6				PC-6.1	
B1. V.08	Medical rehabilitation	PC-1.1-1.6		PC-3.1-3.3	PC-4.1-4.4			
B1. V.09	Socially significant projects in medicine							
B1. V.10	Clinical dentistry		PC-2.3, PC-2.7				PC-6.3	
B1. V.11	Implantology and reconstructive surgery of the oral cavity	PC-1.1-1.2	PC-2.1-2.2	PC-3.1-3.2		PC-5.1-5.2		
B1.V.12	Oncostomatology and radiation therapy	PC-1.4-1.5						
B1. V.13	Applied physical culture							
B1. V. DV. 01	<b>Elective subjects (modules) 1 (DV. 1)</b>							
B1. V. DV. 01. 01	Bioethics							
B1. V. DV. 01. 02	Economics							
B1. V. DV. 01. 03	Fundamentals of Professional Ethics							
B1. V. DV. 02	<b>Elective subjects (modules) 2 (DV. 2)</b>							
B1. V. DV. 02. 01	Chemistry of biogenic elements	PC-1.1		PC-3.2				
B1. V. DV. 02. 02	Dental modeling of teeth	PC-1.3						
B1. V. DV. 03	<b>Elective subjects (modules) 3 (DV. 3)</b>							
B1. V. DV. 03. 01	Medical elementology		PC-2.3					
B1. V. DV. 03. 02	Bioelements in medicine		PC-2.3					
B1. V. DV. 04	<b>Elective disciplines (modules) 4 (DV. 4)</b>							
B1. V. DV. 04. 01	Three-dimensional-radiological diagnostic methods in dentistry	PC-1.1						
B1. V. DV. 04. 02	Three-dimensional-computer modeling of teeth	PC-1.1						
B1. V. DV. 05	<b>Elective subjects (modules) 5 (DV. 5)</b>							
B1. V. DV. 05. 01	Modern endodontics	PC-1.1-1.3	PC-2.1-2.4					

Code	Courses/modules that form students' competences	PROFESSIONAL COMPETENCIES						
		PC-1	PC-2	PC-3	PC-4	PC-5	PC-6	PC-7
B1. V. DV. 05. 02	Aesthetic restoration of teeth		PC-2.2					
<b>Block 2.Practice</b>								
<b>Required part</b>								
B2.O. 01(Y)	Introductory practice							
B2.O. 02(Y)	Practice in obtaining primary professional skills in the positions of secondary medical personnel (Assistant ward and procedural nurse)							
B2. O. 03(P)	Assistant to a dentist (hygienist)	PC-1.1-1.2			PC-4.1-4.3			
B2.O. 04(P)	Assistant to a dentist (surgeon)	PC-1.1-1.2, PC-1.5-1.6	PC-2.1-2.4, PC-2.7					
B2.O. 05(P)	Assistant to a dentist (therapist)	PC-1.1-1.5	PC-2.2			PC-5.1-5.2		
B2.O. 06(P)	Assistant to a dentist (orthopedic surgeon)	PC-1.1-1.5						
B2.O. 07(P)	Assistant dentist (children's)	PC-1.1-1.6	PC-2.3-2.5, PC-2.8-2.9					
B2.O. 08(P)	Assistant to a dentist (general practitioner), including research work	PC-1.1-1.6	PC-2.1-13			PC-5.1-5.2	PC-6.1-6.3	
<b>FTD.Optional services disciplines</b>								
<b>Part formed by participants of educational relations</b>								
FTD. V. 01	Foreign language (optional)							
FTD. V. 02	Russian language for foreign students							
FTD. V. 03	Russian language in the Academic field							
FTD. V. 04	Methods of teaching Russian as a Foreign language							
FTD. V. 05	Basics of translation							
FTD. V. 06	Telemedicine							
FTD. V. 07	General medical skills							
FTD. V. 08	Emergency conditions							

Code	Courses/modules that form students' competences	PROFESSIONAL COMPETENCIES						
		PC-1	PC-2	PC-3	PC-4	PC-5	PC-6	PC-7
FTD. V. 09	Cone-beam computed tomography in the diagnosis, planning and evaluation of the effectiveness of dental decisions	PC-1.3-1.6						
FTD. V. 10	Evidence-based medicine						PC-6.1-6.3	
FTD. V. 11	Clinical studies						PC-6.1-6.3	
FTD. V. 12	Digital dentistry							