

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE RUSSIAN
FEDERATION

Federal State Budgetary Educational Institution of Higher Education

"Kabardino-Balkarian State University named after A.I. HM. Berbekov (KBSU)

Institute of Dentistry and Maxillofacial Surgery

"APPROVE"

Academic Council of KBSU

(protocol No. 10 dated May 26, 2023)

Chairman of the Academic Council of KBSU

_____ Yu.K. Altudov

Main professional educational program

higher education

in the direction of training (specialty)

31.05.03 Dentistry

Orientation (profile)

Specialty

Graduate Qualification

Dentist

Form of study

full-time

Starting year of preparation: 2023

Nalchik 2023

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1. GENERAL PROVISIONS

1.1. Regulatory documents for the development of MPEP HE

- Federal Law of the Russian Federation of December 29, 2012 No. 273-FZ "On Education in the Russian Federation";

- Order of the Ministry of Education and Science of Russia dated April 6, 2021 No. 245 "On Approval of the Procedure for Organization and Implementation of Educational Activities in Educational Programs of Higher Education - Bachelor's Programs, Specialist's Programs, Master's Programs";

- Order of the Ministry of Education and Science of Russia dated November 19, 2013 No. 1259 "On approval of the Order organization and implementation of educational activities on educational higher education programs - programs for the preparation of scientific and pedagogical personnel in graduate school (adjuncture)";

- Order of the Ministry of Education and Science of Russia dated November 19, 2013 No. 1258 "On approval

The procedure for organizing and implementing educational activities for educational programs of higher education - residency programs";

- Order of the Ministry of Education and Science of Russia dated September 12, 2013 No. 1061 "On approval lists of specialties and areas of higher education training";

- Order of the Ministry of Education and Science of Russia No. 885, Ministry of Education of Russia No. 390 dated

08/05/2020 "On the practical training of students" (together with the "Regulations on practical training of students");

- Decree of the Government of the Russian Federation of 10/20/2021 No. No. 1802 "On approval of the Rules for posting on the official website of an educational organization in the information and telecommunication network "Internet" and updating information

about an educational organization, as well as on the invalidation of certain acts and certain provisions of certain acts of the Government of the Russian Federation”;

- Letter of the Ministry of Education and Science of Russia dated April 16, 2014 No. 05-785 “On the direction of methodological recommendations on the organization of the educational process for the education of disabled people” (together with the

- “Methodological recommendations on the organization of the educational process for the education of disabled people and persons with disabilities in educational institutions of higher education, including the equipment of the educational process”, approved by the Ministry of Education and Science of Russia on 04/08/2014 No. AK-44/05vn);

- Order of Rosobrnadzor dated August 14, 2020 No. 831 “On approval of the Requirements for the structure of the official website of an educational organization in the Internet information and telecommunication network and the format for presenting information”;

- Order of the Ministry of Education and Science of Russia dated June 29, 2015 No. 636 “On approval The procedure for conducting the state final certification for educational higher education programs - undergraduate programs, programs specialty and master's programs”;

- Decree of the Government of the Russian Federation of 10.07.2013 No. No. 582 "On approval of the Rules for posting on the official website of the educational organizations in the information and telecommunications network "Internet" and updating information about the educational organization”;

- Order of the Ministry of Education and Science of Russia dated August 23, 2017 N 816 "On approval of the Procedure application by organizations engaged in educational activities, e-learning, distance learning technologies with implementation of educational programs”;

- Order of the Ministry of Education and Science of the Russian Federation of September 12, 2013 No. 1061 “On Approval of the Lists of Specialties and Areas of Higher Education Training”;

- The procedure for organizing and conducting practical training of students in professional educational programs of higher education - bachelor's programs, master's programs, specialist's programs, approved by order of the Ministry of Health of the Russian Federation of 03.09.2013;

- Federal state educational standard of higher education - specialty in the specialty 31.05.03 Dentistry (FSES 3+)

- Federal State Educational Standard of Higher Education - Specialist in the specialty 31.05.03 Dentistry, approved by order of the Ministry of Education and Science of Russia dated August 12, 2020 No. 984; (FSES 3++)

- The professional standard "Dentist", approved by order of the Ministry of Labor and Social Protection of Russia dated May 10, 2016 No. 227 n.

- Charter and other local acts of the Federal State Budgetary Educational Institution of Higher Education KBGU named after Kh. M. Berbekov.

2. GENERAL CHARACTERISTICS OF MPEP HE

2.1. Purpose and objectives of the MPEP HE

The goal of EP HE 31.05.03 Dentistry is to form students' universal, general professional, professional competencies that ensure the graduate's ability to solve professional problems in the process of carrying out all types of professional activities in accordance with the requirements of the Federal State Educational Standard of HE and the needs of the labor market.

Tasks of professional activity of graduates of the corresponding types

As part of the development of EP HE 31.05.03 Stomatology, graduates are preparing to solve the tasks of professional activity of the following types:

- medical;
- research;
- organizational and managerial;
- pedagogical.

2.2 Labor intensity and duration of education by forms of education

Full-time form of education.

The volume of the specialist's program is 300 credit units (hereinafter referred to as credits), regardless of the educational technologies used, the implementation of the specialist's program using the network form, the implementation of the specialist's program according to the individual curriculum.

The volume of the specialist's program implemented in one academic year is no more than 70 CU. regardless of the educational technologies used, the implementation of the specialist's program using the network form, the implementation of the specialist's program according to an individual curriculum (with the exception of accelerated learning), and in case of accelerated learning - no more than 80 z.u.

The term for obtaining education under the specialist's program (regardless of the educational technologies used):

- including holidays provided after passing the state final certification, is 5 years;
- when studying according to an individual curriculum for disabled people and people with disabilities, it can be increased at their request by no more than 1 year.

The term for obtaining education under the program of a specialist according to an individual curriculum, including with accelerated learning; as well as the volume of the specialist's program, implemented in one academic year, is determined by the university independently and is reflected in the approved educational (individual educational) plans.

2.3. Information about the qualification assigned to graduates.

Qualification awarded to graduates of educational programs: dentist

3. REQUIREMENTS FOR THE LEVEL OF TRAINING REQUIRED FOR MPEP HE

Implementation of MPEP HE 31.05.03 Dentistry using exclusively electronic and distance learning technologies is not allowed.

When implementing MPEP HE 31.05.03 Dentistry, elements of blended learning are used using electronic and distance learning technologies.

The implementation of MPEP HE 31.05.03 Dentistry is possible using the network form in accordance with the legislation of the Russian Federation (Order of the Ministry of Science and Higher Education of the Russian Federation and the Ministry of Education of the Russian Federation of August 5, 2020 N 882/391 "On the organization and implementation of educational activities in the network form of implementation educational programs).

The implemented EP HE, if necessary, can be adapted for inclusive education of people with disabilities and people with disabilities (hereinafter - people with disabilities and people with disabilities), taking into account the peculiarities of their psychophysical development, individual capabilities and the necessary special conditions for their education.

Educational activities for EP HE 31.05.03 Dentistry is carried out in the state language of the Russian Federation.

4. CHARACTERISTICS OF PROFESSIONAL ACTIVITIES OF GRADUATES MPEP HE

4.1. Field and sphere of professional activity of graduates

The area and sphere of professional activity in which graduates who have mastered the EP HE 31.05.03 Dentistry (hereinafter referred to as graduates) carry out professional activities:

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

4.2. Type (types) of tasks and tasks of professional activity of graduates

Task types:

- Scientific research;
- Pedagogical;
- Medical;
- Organizational and managerial.

Tasks of professional activity of graduates:

- Participation in solving research and scientific-applied problems in the field of health and medical sciences;

- Education of the population and medical workers in basic hygienic measures of a health-improving nature, which contributes to the prevention of the occurrence of dental diseases and the promotion of health;
- Carrying out diagnostics of dental diseases and pathological conditions of patients; treatment of patients; diagnostics and treatment of patients in emergency and emergency form; taking measures to prevent dental diseases; conducting a medical examination;
- Application of the basic principles of organizing the provision of dental care in medical organizations and their structural divisions.

4.3. List of professional standards. Generalized labor and labor functions related to the professional activities of the graduate.

№ п/п	Код профессионального стандарта	Наименование профессионального стандарта
02 healthcare		
1.	02.005	Professional standard "Dentist", approved by order of the Ministry of Labor and Social Protection of the Russian Federation of May 10, 2016 No. 227n (registered by the Ministry of Justice of the Russian Federation on June 2, 2016, registration No. 42399)

Job functions related to the professional activity of a graduate of the specialist's program in the specialty 31. 05. 03 Dentistry

Code and name of the profession al standard	Generalized labor function			Labor functions		
02.005 Dentist	ко д	наименован ие	уровень квалификац ии	наименован ие	код	уровень квалификац ии
	A	Providing	7	Examination	A/01.	7

		medical care for dental diseases		of the patient in order to establish a diagnosis	7	
				Prescribing, monitoring the effectiveness and safety of non-drug and drug treatment	A/02. 7	7
				Development, implementati on and control of the effectiveness of individual rehabilitation programs	A/03. 7	7
				Carrying out and monitoring the effectiveness of sanitary and 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

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4.4. Objects of professional activity of graduates

The objects of professional activity of graduates who have mastered the EP HE Stomatology are:

- individuals (hereinafter referred to as patients);
- population;
- medical workers;
- a set of tools and technologies provided for the provision of dental care and aimed at creating conditions for protecting the health of citizens.

4.5. Orientation (profile) of the educational program

Orientation of EP HE 31.05.03 Dentistry corresponds to the specialty as a whole.

5. REQUIREMENTS FOR THE RESULTS OF THE DEVELOPMENT OF THE MPEP HE

As a result of mastering the EP HE 31.05.03 Dentistry, the graduate must have the following universal and general professional competencies:

Table 1. List of universal competencies of graduates and indicators of their achievement

Category (group) of universal competencies	Code and name of universal competence	Code and name of the indicator of achievement of universal competence
<i>Systems and critical thinking</i>	UK-1. Able to carry out a critical analysis of problem situations based on a systematic	IUK 1.1 Knows: methods of critical analysis and evaluation of modern scientific achievements; basic principles of critical analysis

	<p>approach, develop an action strategy</p>	<p>IUK 1.2 Able to: gain new knowledge based on analysis, synthesis, etc.; collect data on complex scientific problems related to the professional field; search for information and solutions based on action, experiment and experience</p> <p>IUK 1.3 Has practical experience: researching the problem of professional activity using analysis, synthesis and other methods of intellectual activity; developing an action strategy to solve professional problems</p>
<p><i>Development and implementation of projects</i></p>	<p>UK-2. Able to manage a project at all stages of its life cycle</p>	<p>IUK 2.1 Knows: methods of presenting and describing the results of project activities; methods, criteria and parameters for evaluating the results of the project; principles, methods and requirements for project work</p> <p>IUK 2.2 Is able to: substantiate the practical and theoretical significance of the results obtained; check and analyze project documentation; predict the development of processes in the design professional area; put forward innovative ideas and non-standard approaches to their implementation in order to implement the project; calculate the qualitative and quantitative results, the timing of the project work</p> <p>IUK 2.3 Has practical experience in: project management in the field</p>

		<p>corresponding to professional activity; distributing tasks and encouraging others to achieve goals; managing the development of the technical specifications of the project, managing the implementation of core design work; participation in the development of the terms of reference of the project and the program for the implementation of the project in the professional field</p>
<p><i>Teamwork and Leadership</i></p>	<p>UK-3. Able to organize and manage the work of the team, developing a team strategy to achieve the goal</p>	<p>IUK 3.1 Knows: problems of selecting an effective team; basic conditions for effective teamwork; fundamentals of strategic human resource management, regulatory legal acts relating to the organization and implementation of professional activities; models of organizational behavior, factors in the formation of organizational relations; strategies and principles of teamwork, the main characteristics of the organizational climate and the interaction of people in the organization</p> <p>IUK 3.2 Knows how to: determine the management style for effective team work; develop a team strategy; apply the principles and methods of organizing team activities</p> <p>IUK 3.3 Has practical experience: participation in the development of a team work strategy; participation in team work,</p>

		distribution of roles in the conditions of team interaction
<i>Communication</i>	UK-4. Able to apply modern communication technologies, including in a foreign language(s), for academic and professional interaction	<p>IUK 4.1 Knows: the basics of oral and written communication in Russian and foreign languages, functional styles of the native language, requirements for business communication, modern means of information and communication technologies</p> <p>IUK 4.2 Knows how to: express their thoughts in Russian and foreign languages in business communication</p> <p>IUK 4.3 Has practical experience in: compiling texts in Russian and foreign languages related to professional activities; experience in translating medical texts from a foreign language into Russian; experience of speaking Russian and foreign languages</p>
<i>Intercultural interaction</i>	UK-5. Able to analyze and take into account the diversity of cultures in the process of intercultural interaction	<p>IUK 5.1 Knows: the main categories of philosophy, the laws of historical development, the basics of intercultural communication; basic concepts of human interaction in an organization</p> <p>IUK 5.2 Is able to: competently, clearly present professional information in the process of intercultural interaction; observe ethical standards and human rights; analyze the features of social interaction, taking into account national,</p>

		ethno-cultural, confessional characteristics IUK 5.3 Has practical experience: productive interaction in a professional environment, taking into account national, ethno-cultural, confessional characteristics; overcoming communicative, educational, ethnic, confessional and other barriers in the process of intercultural interaction
<i>Self-organization and self-development (including health protection)</i>	UK-6. Able to identify and implement the priorities of their own activities and ways to improve them based on self-assessment and lifelong learning	ITP 6.1 Knows: the importance of planning long-term goals of activity, taking into account conditions, means, personal opportunities, stages of career growth, time perspective of development of activity and requirements of the labor market; technology and methodology of self-assessment; basic principles of self-education and self-education IEE 6.2 Is able to: determine the priorities of professional activity and ways to improve it on the basis of self-assessment; control and evaluate the components of professional activity; plan independent activities in solving professional problems IUK 6.3 Has practical experience: planning their own professional activities and self-development, studying additional educational programs
	UK-7. Able to	IEE 7.1 Knows: health-saving

	<p>maintain the proper level of physical fitness to ensure full-fledged social and professional activities</p>	<p>technologies for maintaining a healthy lifestyle, taking into account the physiological characteristics of the body</p> <p>IUK 7.2 Knows how to: competently and ergonomically, logically plan their work and free time for the optimal combination of physical and mental stress and ensuring performance; maintain the proper level of physical fitness to ensure full-fledged social and professional activities and observe the norms of a healthy lifestyle</p> <p>IEE 7.3 Has practical experience: maintaining an adequate level of physical fitness to ensure full-fledged social and professional activities and adherence to healthy lifestyles</p>
<p><i>Life safety</i></p>	<p>UK-8. Able to create and maintain safe living conditions in everyday life and in professional activities, including in the event of emergencies and military conflicts</p>	<p>IUK 8.1 Knows: factors of harmful influence on life activity; algorithms of actions in case of emergencies and military conflicts; IUK8.3 workplace safety rules</p> <p>IUK 8.2 Is able to: identify dangerous and harmful factors within the framework of the activities carried out, create and maintain safe living conditions in everyday life and in professional activities</p> <p>IUK 8.3 Has practical experience: participation in scheduled exercises to develop rules of conduct in case of</p>

		emergencies, first aid; adheres to workplace safety regulations
<i>Inclusive competence</i>	UK-9. Able to use basic defectological knowledge in social and professional areas	<p>IUK 9.1 Knows: the basics of defectology</p> <p>IEE 9.2 Is able to: establish effective communication and create a tolerant environment when working with persons with disabilities and people with disabilities</p> <p>IUK 9.3 Has practical experience in: medical, social and organizational support (accompaniment) of persons with disabilities and people with disabilities when they receive medical care</p>
<i>Economic culture, including financial literacy</i>	UK-10. Able to make informed economic decisions in various areas of life	<p>IUK 10.1 Knows: the basics of economic theory, the nature of economic ties and relationships</p> <p>IUK 10.2 Is able to: analyze specific economic situations in various areas of life</p> <p>ITP 10.3 Has practical experience: making informed economic decisions</p>
<i>civil position</i>	UK-11. Able to form an intolerant attitude towards corrupt behavior	<p>IET 11.1 Knows: the regulatory framework for combating corruption; ethical standards of the relationship between the doctor and the patient (his legal representatives)</p> <p>IUK 11.2 Is able to: correctly determine the tactics of relationships with patients in various situations, including cases of</p>

		provoking a doctor to corrupt behavior on the part of the patient (his legal representative)
		ITP 11.3 Has practical experience: communicating with patients (his legal representatives) in various situations

Table 2 List of general professional competencies of graduates and indicators of their achievement

Category of general professional competencies	Code and name of general professional competence	Code and name of the indicator of achievement of general professional competence
<i>Ethical and legal foundations of professional activity</i>	GPC-1. Able to implement moral and legal norms, ethical and deontological principles in professional activities	<p>IGPC 1.1 Knows: basics of medical ethics and deontology; fundamentals of legislation in the field of healthcare; legal aspects of medical practice</p> <p>IGPC 1.2 Is able to: apply ethical norms and principles of behavior of a medical worker in the performance of their professional duties; knowledge of modern legislation in the field of healthcare in solving problems of professional activity; apply the rules and norms of interaction between a doctor and colleagues and patients (their legal representatives)</p> <p>IGPC 1.3 Has practical experience: solving standard problems of professional activity based on ethical norms and deontological principles when interacting with colleagues</p>

		and patients (their legal representatives), knowledge of the legal aspects of medical practice
	GPC -2. Able to analyze the results of their own activities to prevent professional errors	<p>IGPC 2.1 Knows: the procedures for providing medical care, clinical recommendations, taking into account the standards of medical care; methodology for analyzing the results of one's own activities</p> <p>IGPC 2.2 Able to: analyze the results of examination and treatment of patients with dental diseases; draw up an action plan to prevent professional errors based on an analysis of the results of one's own activities</p> <p>IGPC 2.3 Has practical experience: participation in a clinical (clinical and anatomical) conference to analyze errors in professional activity</p>
	GPC-3. Capable of countering and combating doping in sport	<p>IGPC 3.1 Knows: fundamentals of anti-doping legislation in sport; mechanisms of action of essential drugs used as doping in sports</p> <p>IGPC 3.2 Is able to: apply knowledge of the mechanisms of action of the main drugs used as doping in sports to organize the fight against it; to carry out sanitary-educational work among various groups of the population.</p> <p>IGPC 3.3 Has practical experience: conducting health education work aimed at</p>

		combating doping in sports among students involved in sports.
<i>Formation of a healthy lifestyle</i>	OPK-4. Able to conduct and monitor the effectiveness of preventive measures, the formation of a healthy lifestyle and sanitary and hygienic education of the population	<p>IGPC 4.1 Knows: the main criteria for a healthy lifestyle and methods of its formation; socio-hygienic and medical aspects of alcoholism, drug addiction, substance abuse, the basic principles of their prevention; forms and methods of sanitary and hygienic education among patients (their legal representatives), medical workers; basic health-improving hygiene measures that promote health and prevent the most common diseases; fundamentals of preventive medicine; stages of planning and implementation of community programs for the prevention of the most common diseases</p> <p>IGPC 4.2 Is able to: conduct health and hygiene education among children and adults (their legal representatives) and medical workers in order to form a healthy lifestyle and prevent the most common diseases; to carry out sanitary and educational work among children and adults in order to form a healthy lifestyle and prevent the most common diseases; to form in children and adults (their legal representatives) behavior aimed at maintaining and improving the level of somatic health; develop and implement programs for the formation of a healthy</p>

lifestyle, including programs to reduce the consumption of alcohol and tobacco, prevent and combat the non-medical consumption of narcotic drugs and psychotropic substances; develop a plan of preventive measures and implement methods of group and individual prevention of the most common diseases; prescribe preventive measures to patients, taking into account risk factors for the prevention and early detection of diseases, including cancer; select and prescribe drugs and non-drug methods for the prevention of the most common diseases.

IGPC 4.3 Has practical experience in: promotion of a healthy lifestyle and prevention of the most common diseases; carrying out sanitary-educational work among children and adults; formation in children and adults (their legal representatives) of behavior aimed at maintaining and improving the level of somatic health; formation of healthy lifestyle programs, including programs to reduce alcohol and tobacco consumption, prevent and combat the non-medical consumption of narcotic drugs and psychotropic substances; development of a plan of preventive measures and the implementation of methods of group and individual prevention of the most common diseases; prescribing preventive measures

		for children and adults, taking into account risk factors, oncological and hygienic prevention in accordance with the procedures for providing medical care, clinical recommendations, taking into account the standards of medical care; selection and prescription of drugs and non-drug methods for the prevention of the most common diseases
<i>Diagnosis and treatment of diseases</i>	GPC -5. Able to conduct a patient examination in order to establish a diagnosis in solving professional problems	<p>IGPC 5.1 Knows the methodology for collecting anamnesis of life and diseases, complaints from children and adults (their legal representatives); method of examination and physical examination; clinical picture, diagnostic methods of the most common diseases; methods of laboratory and instrumental studies for assessing the state of health, medical indications for conducting studies, rules for interpreting their results; international statistical classification of diseases and related health problems (ICD); conditions requiring emergency medical care</p> <p>IGPC 5.2 Is able to: collect complaints, anamnesis of life and disease in children and adults (their legal representatives), identify risk factors and causes of diseases; apply methods of examination and physical examination of children and adults; interpret the results of the examination and physical examination of children and</p>

adults; diagnose the most common pathology in children and adults; identify risk factors for cancer; formulate a preliminary diagnosis, draw up a plan for conducting laboratory, instrumental and additional studies in children and adults in accordance with the procedures for providing medical care, clinical recommendations, taking into account the standards of medical care; refer children and adults to laboratory, instrumental and additional studies in accordance with the current procedures for the provision of dental care, clinical guidelines, taking into account the standards of medical care; refer children and adults for consultations to specialist doctors in accordance with the procedures for providing medical care, clinical recommendations, taking into account the standards of medical care; interpret and analyze the results of consultations by medical specialists for children and adults; interpret and analyze the results of basic (clinical) and additional (laboratory, instrumental) examination methods; conduct differential diagnosis of diseases in children and adults; identify clinical signs of sudden acute diseases, conditions, exacerbations of chronic diseases without obvious signs of a threat to life, requiring emergency medical care

IGPC 5.3 Has practical experience in:

		<p>collecting complaints, anamnesis of life and diseases in children and adults (their legal representatives), identifying risk factors and causes of diseases; examination and physical examination of children and adults; diagnosis of the most common diseases in children and adults; identification of risk factors for major cancers; formulating a preliminary diagnosis, drawing up a plan for instrumental, laboratory, additional studies, consultations with specialist doctors; referral of patients for instrumental, laboratory, additional studies, consultations of medical specialists in accordance with the current procedures for the provision of medical care, clinical recommendations, taking into account the standards of medical care; interpretation of data from additional (laboratory and instrumental) examinations of patients; making a preliminary diagnosis in accordance with the international statistical classification of diseases and related health problems (ICD); carrying out differential diagnostics of diseases; recognition of conditions arising from sudden acute illnesses, exacerbation of chronic diseases without obvious signs of a threat to the patient's life and requiring emergency medical care.</p>
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	<p>ОПК-6. Able to prescribe, monitor the effectiveness and safety of non-drug and drug treatment in solving professional problems</p>	<p>IGPC 6.1 Knows: methods of drug and non-drug treatment, medical indications for the use of medical devices for the most common diseases; groups of drugs used to provide medical care in the treatment of the most common diseases; the mechanism of their action, medical indications and contraindications to the appointment; compatibility, possible complications, side effects, adverse reactions, including serious and unforeseen; features of medical care in emergency forms</p> <p>IGPC 6.2 Able to: develop a treatment plan for children and adults with the most common diseases in accordance with the procedures for providing medical care, clinical recommendations, taking into account the standards of medical care; prevent or eliminate complications, side effects, adverse reactions, including unforeseen ones, resulting from diagnostic or therapeutic manipulations, the use of drugs and (or) medical devices, non-drug treatment.</p> <p>IGPC 6.3 Has practical experience in: development of a treatment plan for children and adults with the most common diseases in accordance with the current procedures for the provision of medical care, clinical guidelines, taking into account the standards of medical care;</p>
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		<p>provision of emergency and urgent medical care to patients with the most common diseases, in accordance with the current procedures for the provision of medical care, clinical guidelines, taking into account the standards of medical care; selection and prescription of medicines, medical devices with the most common diseases for the treatment of the most common diseases in children and adults in accordance with the current procedures for the provision of medical care, clinical recommendations, taking into account the standards of medical care; evaluation of the effectiveness and safety of the use of drugs, medical devices and non-drug treatment in children and adults with the most common diseases; selection and prescription of non-drug treatment for children and adults with the most common diseases in accordance with the procedures for providing medical care, clinical guidelines, taking into account the standards of medical care; prevention and treatment of complications, side effects, adverse reactions, including unforeseen ones, resulting from diagnostic or therapeutic manipulations, the use of drugs and (or) medical devices, non-drug treatment; providing medical care to children and adults in case of sudden acute diseases, conditions, exacerbation of</p>
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		chronic diseases without obvious signs of a threat to the patient's life in an emergency form; the use of medicines and medical devices in the provision of medical care in an emergency form.
	ОПК-7. Able to organize work and make professional decisions in emergency situations, in emergency situations, epidemics and in hotbeds of mass destruction	<p>IGPC 7.1 Knows: methods of collecting complaints and anamnesis from patients (their legal representatives); methods of physical examination of patients (examination, palpation, percussion, auscultation); principles and methods of providing medical care to patients in emergencies, in emergency situations, epidemics and in areas of mass destruction in accordance with the procedures for providing medical care, clinical recommendations, taking into account the standards of medical care; clinical signs of major medical emergencies; principles of medical evacuation in emergency situations, epidemics and in the centers of mass destruction; principles of work in the centers of mass destruction.</p> <p>IGPC 7.2 Able to: recognize conditions requiring emergency medical care, including in emergency situations, epidemics and in areas of mass destruction, requiring emergency medical care; organize the work of medical personnel in emergency situations, in emergency situations, epidemics and in the centers of</p>

mass destruction; provide emergency medical care to patients in conditions that pose a threat to the life of patients, including clinical death (stopping the vital functions of the human body (blood circulation and (or) respiration); use medicines and medical devices in the provision of medical care in emergency conditions; perform basic cardiopulmonary resuscitation measures; use personal protective equipment;

IGPC -7.3 He has practical experience in: assessing a condition requiring emergency medical care, including in emergency situations, epidemics and in areas of mass destruction; recognition of life-threatening conditions, including the state of clinical death (stoppage of vital functions of the human body (blood circulation and (or) respiration), requiring emergency medical care; providing emergency medical care to patients in conditions that threaten the lives of patients, including clinical death (stopping the vital functions of the human body (blood circulation and (or) breathing); the use of drugs and medical devices in the provision of medical care in emergencies and epidemics; the use of personal protective equipment.

<i>Fundamentals of fundamental and natural science knowledge</i>	OPIK-8. Able to use the basic physico-chemical, mathematical and natural science concepts and methods in solving professional problems	<p>IGPC 8.1 Knows: basic physicochemical, mathematical and natural science concepts and methods that are used in medicine</p> <p>IGPC 8.2 Able to: interpret the data of the main physical-chemical, mathematical and natural-science research methods in solving professional problems.</p> <p>IGPC 8.3 Has practical experience: application of basic physical-chemical, mathematical and natural-scientific research methods in solving professional problems.</p>
	OPIK-9. Able to assess morphofunctional states and pathological processes in the human body to solve professional problems	<p>IGPC -9.1 Knows: anatomy, histology, embryology, topographic anatomy, physiology, pathological anatomy and physiology of human organs and systems</p> <p>IGPC 9.2 Able to: assess the basic morphological and functional data, physiological conditions and pathological processes in the human body</p> <p>IGPC 9.3 Has practical experience: assessment of basic morphofunctional data, physiological conditions and pathological processes in the human body when solving professional problems</p>
<i>Organization and management</i>	OPIK-10. Able to organize the work of junior and middle medical staff for patient care	<p>IGPC 10.1 Knows: Fundamentals of multidisciplinary care</p> <p>IGPC 10.2 Able to: provide care for patients of various profiles; organize the</p>

		<p>work of junior and middle medical personnel for the care of patients</p> <p>IGPC 10.3 Has practical experience in: caring for patients of various profiles; organization of work of junior and middle medical personnel for patient care</p>
	<p>OPIK-11. Able to implement the principles of quality management in professional activities</p>	<p>IGPC 11.1 Knows: basic concepts of the quality management system of a medical organization; requirements for ensuring internal quality control and safety of medical activities</p> <p>IGPC 11.2 Can: analyze the quality of medical care for dental patients; ensure internal quality control and safety of medical activities; organize the work and monitor the performance of official duties of the medical personnel at their disposal</p> <p>IGPC 11.3 Has practical experience: carrying out work to ensure internal quality control of medical care for dental patients and the safety of medical activities</p>
<p><i>medical rehabilitation</i></p>	<p>OPIK-12. Able to implement and monitor the effectiveness of medical rehabilitation of a dental patient</p>	<p>IGPC 12.1 Knows: procedures for organizing medical rehabilitation and spa treatment; methods of medical rehabilitation of the patient, medical indications and medical contraindications for their implementation, taking into account the diagnosis in accordance with the current procedures for organizing medical rehabilitation, clinical</p>

recommendations, taking into account the standards of medical care; medical indications and medical contraindications for medical rehabilitation measures in patients with dental diseases; medical indications for referring patients with dental diseases to specialist doctors for the appointment of medical rehabilitation measures, sanatorium treatment; the procedure for providing medical care to the adult population in case of dental diseases; the procedure for providing medical care to children with dental diseases; ways to prevent or eliminate complications, side effects, adverse reactions, including serious and unforeseen, resulting from medical rehabilitation of children and adults with dental diseases

IGPC 12.2 Able to: develop an action plan for medical rehabilitation in patients with dental diseases in accordance with the current procedures for organizing medical rehabilitation, clinical guidelines, taking into account the standards of medical care; determine medical indications for medical rehabilitation of patients with dental diseases in accordance with the current procedure for organizing medical rehabilitation, clinical guidelines, taking into account the standards of medical care; refer patients with dental diseases for a consultation with specialist doctors for the

appointment and implementation of medical rehabilitation, sanatorium treatment, in accordance with the current procedures for organizing medical rehabilitation and sanatorium treatment, clinical recommendations, taking into account the standards of medical care; evaluate the effectiveness and safety of medical rehabilitation measures for patients with dental diseases in accordance with the current procedure for organizing medical rehabilitation, clinical recommendations, taking into account the standards of medical care

IGPC 12.3 Has practical experience in: drawing up an action plan for the medical rehabilitation of a patient with dental diseases in accordance with the current procedure for medical rehabilitation, clinical recommendations, taking into account the standards of medical care; carrying out medical rehabilitation measures for patients with dental diseases in accordance with the current procedure for organizing medical rehabilitation, clinical recommendations, taking into account the standards of medical care; referring patients with dental diseases for consultation with specialist doctors; evaluation of the effectiveness and safety of measures for the medical rehabilitation

		of patients with dental diseases
<i>information literacy</i>	ОПК-13. 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	<p>IGPC 13.1 Knows: the capabilities of reference and information systems and professional databases; methods of information search, information and communication technologies; modern medical and biological terminology; basics of information security in professional activity</p> <p>IGPC 13.2 Able to: apply modern information and communication technologies to solve problems of professional activity; to carry out an effective search for information necessary to solve the problems of professional activity using reference systems and professional databases; use modern medical and biological terminology; master and apply modern information and communication technologies in professional activities, taking into account the basic requirements of information security</p> <p>IGPC 13.3 Has practical experience in: using modern information and bibliographic resources, using special software and automated information systems to solve standard tasks of professional activity, taking into account the basic requirements of information security</p>

Table 3. Professional competencies of graduates and indicators of their achievement
Recommended professional competencies of graduates
and indicators of their achievement

The task of professional activity	An object	Code and name of professional competence (PC)	Code and name of the indicator of achievement of professional competence	Foundation (PS, experience analysis)
Type of tasks of professional activity: medical				
PC category: diagnosis of dental diseases				
<i>Carrying out diagnostics of dental diseases and pathological conditions of patients</i>	Individuals (patients), the population, a set of tools and technologies provided for in the provision of dental care and aimed at creating conditions for protecting the health of citizens	PC-1. Capable of diagnosing children and adults with dental diseases, making a diagnosis	IPC 1.1 Knows: General issues of organizing medical care for adults and children Anatomy of the head, maxillofacial region, features of blood supply and innervation, structure of teeth Histology and embryology of the oral cavity and teeth, the main violations of embryogenesis Anatomical and functional state of the organs of the maxillofacial region,	PIC 02.005 Dentist

			<p>taking into account age</p> <p>Normal and pathological physiology of the dentition, its relationship with the functional state of other body systems and the levels of their regulation</p> <p>The role of oral hygiene, nutrition and the use of fluoride in the prevention of dental and periodontal diseases</p> <p>The method of collecting an anamnesis of life and diseases, complaints from children and adults (their legal representatives) with dental diseases</p> <p>Goals and objectives of individual and professional oral hygiene</p> <p>Hygienic indices and</p>	
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			<p>methods for their determination</p> <p>Methods of examination and physical examination, features of clinical dental examination in children and adults with dental diseases</p> <p>Clinical picture, diagnostic methods, classification of diseases of the teeth, periodontium, oral mucosa, lips in children and adults</p> <p>Clinical picture, diagnostic methods, classification of diseases of the bone tissue of the jaws, peripheral nervous system of the maxillofacial region, temporomandibular joint in children and adults</p> <p>Methods of laboratory and instrumental studies for assessing the state of health,</p>	
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			<p>medical indications for conducting studies, rules for interpreting their results</p> <p>Medical indications and contraindications for the use of additional examination methods</p> <p>Medical devices used in the provision of medical care to children and adults with dental diseases</p> <p>International Statistical Classification of Diseases and Related Health Problems (ICD)</p> <p>The procedure for providing medical care to the adult population with dental diseases</p> <p>The procedure for providing medical care to children with dental diseases</p> <p>Clinical guidelines for the provision of dental</p>	
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			<p>care</p> <p>Conditions requiring emergency medical care</p> <p>Sanitary and epidemiological requirements and issues of organizing sanitary and anti-epidemic (preventive) measures in order to prevent the occurrence and spread of infectious diseases</p> <p>IPC 1.2 Able to:</p> <p>Collect complaints, anamnesis of life and disease in children and adults (their legal representatives) with dental diseases, identify risk factors and causes of dental diseases</p> <p>Interpret information received from children and adults (their legal representatives) with dental diseases</p> <p>Apply methods of</p>	
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			<p>examination and physical examination of children and adults with dental diseases</p> <p>Interpret examination and physical examination findings in children and adults with dental disease</p> <p>Diagnose diseases of the pulp and periodontium, periodontal disease, oral mucosa and lips in children and adults with dental diseases of the hard tissues of the teeth</p> <p>Diagnose in children and adults with dental diseases defects of teeth, dentition, dentoalveolar deformities and anomalies of teeth and jaws, complete absence of teeth and prerequisites for their development, injuries of teeth, bones of the facial skeleton and soft</p>	
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			<p>tissues of the maxillofacial region</p> <p>To identify risk factors for oncological diseases of the maxillofacial region in children and adults with dental diseases</p> <p>Formulate a preliminary diagnosis, draw up a plan for conducting laboratory, instrumental and additional studies in children and adults with dental diseases in accordance with the procedures for providing medical care, clinical recommendations, taking into account the standards of medical care</p> <p>Refer children and adults with dental diseases for laboratory, instrumental and additional studies in accordance with the</p>	
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			<p>current procedures for the provision of dental care, clinical guidelines, taking into account the standards of medical care</p> <p>Refer children and adults with dental diseases for consultations with specialist doctors in accordance with the procedures for providing medical care, clinical recommendations, taking into account the standards of medical care</p> <p>Interpret and analyze the results of consultations by medical specialists of children and adults with dental diseases</p> <p>Justify the need and scope of additional examinations of patients (including X-ray methods)</p> <p>Interpret and analyze</p>	
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			<p>the results of basic (clinical) and additional (laboratory, instrumental) examination methods in children and adults with dental diseases, including X-ray data</p> <p>Conduct differential diagnosis of dental diseases in children and adults</p> <p>Formulate a final diagnosis in accordance with the International Statistical Classification of Diseases and Related Health Problems (ICD)</p> <p>Detect clinical signs of sudden acute diseases, conditions, exacerbations of chronic diseases without obvious signs of a threat to life, requiring emergency medical care</p> <p>IPC 1.3 Has practical</p>	
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			<p>experience:</p> <p>Collection of complaints, anamnesis of life and disease in children and adults (their legal representatives),</p> <p>identification of risk factors and causes of dental diseases</p> <p>Examination and physical examination of children and adults with dental diseases</p> <p>Diagnosis in children and adults:</p> <ul style="list-style-type: none"> - dental caries, - non-carious lesions, - diseases of the pulp and periodontium, - periodontium, - mucous membranes of the mouth and lips, - defects of teeth, - defects in the dentition, - dental deformities, 	
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			<p>- anomalies of teeth and jaws,</p> <p>- complete absence of teeth</p> <p>Identification of risk factors for oncological diseases of the maxillofacial region in children and adults with dental diseases</p> <p>Formulation of a preliminary diagnosis, drawing up a plan for conducting instrumental, laboratory, additional studies, consultations of specialist doctors in children and adults with dental diseases</p> <p>Referral of children and adults with dental diseases for instrumental, laboratory, additional studies, consultations of specialist doctors in children and adults with dental diseases in accordance with the current procedures for</p>	
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			<p>the provision of dental medical care to adults and children, clinical recommendations, taking into account the standards of medical care</p> <p>Interpretation of data from additional (laboratory and instrumental) examinations of patients (including radiological methods)</p> <p>Making a preliminary diagnosis in accordance with the International Statistical Classification of Diseases and Related Health Problems (ICD)</p> <p>Carrying out differential diagnostics of dental diseases</p> <p>Making a final diagnosis in accordance with the International Statistical</p>	
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			<p>Classification of Diseases and Related Health Problems (ICD)</p> <p>Recognition of conditions arising from sudden acute illnesses, exacerbation of chronic diseases without obvious signs of a threat to the patient's life and requiring emergency medical care</p>	
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PC category: treatment of dental diseases

<i>Carrying out treatment of patients</i>	Individuals (patients), the population, a set of tools and technologies provided for the provision of dental care and aimed at creating conditions for protecting the health of citizens	PC-2. Capable of prescribing and conducting treatment for children and adults with dental diseases, monitoring its effectiveness and safety	<p>IPC 2.1 Knows:</p> <p>The procedure for providing medical care to the adult population with dental diseases</p> <p>The procedure for providing medical care to children with dental diseases</p> <p>Clinical guidelines on the provision of medical care to patients with dental diseases</p>	IIC 02.005 Dentist
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			<p>Standards of Care</p> <p>Methods of drug and non-drug treatment, medical indications for the use of medical devices for dental diseases</p> <p>Groups of drugs used to provide medical care in the treatment of dental diseases; the mechanism of their action, medical indications and contraindications to the appointment; compatibility, possible complications, side effects, adverse reactions, including serious and unexpected</p> <p>Principles, techniques and methods of anesthesia, selection of the type of local anesthesia in the treatment of dental diseases</p> <p>Ways to prevent or eliminate</p>	
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			<p>complications, side effects, adverse reactions, including serious and unforeseen, that occurred during the examination or treatment of patients with diseases of the teeth, pulp, periodontium, periodontium, oral mucosa and lips.</p> <p>Features of the provision of medical care in emergency forms for dental diseases</p> <p>Materials science, technologies, equipment and medical products used in dentistry</p> <p>Anatomy of the head, maxillofacial region, features of blood supply and innervation; the structure of the teeth; histology and embryology of the oral</p>	
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			<p>cavity and teeth, the main violations of embryogenesis</p> <p>IPK 22 Able to:</p> <p>Develop a plan for the treatment of children and adults with dental diseases in accordance with the procedures for the provision of medical care, clinical guidelines, taking into account the standards of care</p> <p>Select and prescribe medicines, medical devices (including dental materials), dietary nutrition, medical and recreational regimen for the treatment of children and adults with dental diseases in accordance with the current procedures for the provision of medical care, clinical recommendations, taking into account the standards of medical</p>	
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			<p>care</p> <p>Determine medical indications and contraindications for local anesthesia techniques in the maxillofacial region</p> <p>Perform local anesthesia (application, infiltration, conduction) in children and adults with dental diseases.</p> <p>Perform medical interventions, including therapeutic ones, in children and adults with dental diseases on an outpatient basis (excluding repeated endodontic treatment):</p> <ul style="list-style-type: none"> - individual training in oral and dental hygiene, selection of means and items for oral hygiene - controlled brushing of teeth 	
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			<ul style="list-style-type: none"> - professional oral and dental hygiene - injection of drugs in the maxillofacial area - local application of remineralizing preparations in the area of the tooth - deep fluoridation of tooth enamel - sealing the fissure of the tooth with a sealant - professional teeth whitening - grinding of hard tissues of the tooth - restoration of a tooth with a filling using dental cements, chemical curing materials, photopolymers - restoration of teeth with a violation of the contact point - tooth restoration with filling material using anchor pins 	
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			<ul style="list-style-type: none"> - application of devitalizing paste - pulpotomy (amputation of the coronal pulp) - pulp extirpation - instrumental and medical treatment of a well-passable root canal - temporary filling of the root canal with a drug - filling of the root canal of the tooth with paste, gutta-percha pins - removal of supragingival and subgingival plaque in the tooth area (manual method) - ultrasonic removal of supragingival and subgingival dental deposits in the tooth area - closed curettage for periodontal diseases in 	
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			<p>the tooth area</p> <ul style="list-style-type: none"> - application of a medical dressing for periodontal diseases in the area of one jaw - prescription of drug therapy for diseases of the oral cavity and teeth - appointment of dietary therapy for diseases of the oral cavity and teeth. <p>Perform medical interventions, including surgical ones, in children and adults with dental diseases on an outpatient basis (excluding the extraction of impacted and dystopic teeth):</p> <ul style="list-style-type: none"> - removal of a tooth - removal of a temporary tooth - permanent tooth extraction - opening and drainage 	
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			<p>of odontogenic abscess</p> <p>Carry out phased sanitation of the oral cavity (excluding sanitation of the oral cavity in children under anesthesia)</p> <p>Perform medical interventions, including orthopedic, in adults with dental diseases on an outpatient basis (excluding prosthetics on dental implants, technologies for automated production of orthopedic structures, complete removable lamellar and clasp dentures):</p> <ul style="list-style-type: none"> - obtaining anatomical and functional impressions - restoration of a tooth with a crown - restoration of the integrity of the dentition with fixed bridges 	
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			<ul style="list-style-type: none"> - prosthetics with partial removable lamellar dentures - correction of a removable orthopedic structure - removal of a fixed orthopedic structure <p>Interpret the results of X-ray studies of the maxillofacial region</p> <p>Conduct counseling for children and adults with diseases of the mucous membranes of the mouth and lips, determine indications for referral for a consultation with specialist doctors</p> <p>Prevent or eliminate complications, side effects, adverse reactions, including unforeseen ones, resulting from diagnostic or therapeutic manipulations, the use of drugs and (or)</p>	
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			<p>medical devices, non-drug treatment</p> <p>IPC 2.3 Has practical experience:</p> <p>Development of a treatment plan for children and adults with dental diseases, taking into account the diagnosis, age and clinical picture in accordance with the current procedures for the provision of medical care, clinical recommendations, taking into account the standards of medical care</p> <p>Providing emergency and emergency medical care to patients with dental diseases, in accordance with the current procedures for the provision of medical care, clinical guidelines, taking into account the standards of medical care</p>	
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			<p>Selection and prescription of medicines, medical devices (including dental materials) for the treatment of dental diseases in children and adults in accordance with the current procedures for the provision of medical care, clinical guidelines, taking into account the standards of medical care</p> <p>Prescribing dietary nutrition, health-improving regimen in the treatment of dental diseases in children and adults in accordance with the current procedures for the provision of medical care, clinical recommendations, taking into account the standards of medical care</p> <p>Performing medical interventions in</p>	
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			<p>children and adults with dental diseases in accordance with the current procedures for the provision of medical care, clinical guidelines, taking into account the standards of medical care</p> <p>Evaluation of the results of medical interventions in children and adults with dental diseases</p> <p>Selection of the type and conduct of local anesthesia (application, infiltration, conduction) in children and adults with dental diseases</p> <p>Evaluation of the efficacy and safety of the use of drugs, medical devices and non-drug treatment in children and adults with dental diseases</p> <p>Counseling children and adults with</p>	
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			<p>diseases of the mucous membranes of the mouth and lips, determining indications for referral for a consultation with specialist doctors</p> <p>Selection and prescription of medicines and medical devices, taking into account the diagnosis, age and clinical picture of a dental disease in accordance with the procedures for providing medical care, clinical recommendations, taking into account the standards of medical care</p> <p>Definitions of routes of administration, regimen and dosage of drugs.</p> <p>Selection and prescription of non-drug treatment for children and adults with dental diseases in</p>	
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			<p>accordance with the procedures for providing medical care, clinical guidelines, taking into account the standards of medical care</p> <p>Prevention and treatment of complications, side effects, adverse reactions, including unforeseen ones, resulting from diagnostic or therapeutic procedures, the use of drugs and (or) medical devices, non-drug treatment at a dental appointment</p> <p>Providing medical care to children and adults with sudden acute diseases, conditions, exacerbation of chronic diseases without obvious signs of a threat to the life of the patient in an emergency form</p>	
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			The use of medicines and medical devices in the provision of medical care in an emergency form.	
Category PC: emergency and emergency medical care				
<i>Carrying out diagnostic and treatment of patients in urgent and emergency form</i>	Individuals (patients), the population, a set of tools and technologies provided for the provision of dental care and aimed at creating conditions for protecting the health of citizens	PC-3. Able to provide medical care in urgent and emergency form	<p>IPC 3.1 Knows:</p> <p>The method of collecting complaints and anamnesis from patients (their legal representatives)</p> <p>The method of physical examination of patients (examination, palpation, percussion, auscultation)</p> <p>Principles and methods of providing medical care to patients in an emergency form in accordance with the procedures for providing medical care, clinical recommendations, taking into account the standards of medical</p>	<p>ПІС</p> <p>02.005</p> <p>Dentist</p>

			<p>care</p> <p>Clinical signs of sudden cessation of blood circulation and (or) breathing</p> <p>Rules for conducting basic cardiopulmonary resuscitation</p> <p>IPC 3.2 Able to:</p> <p>Recognize conditions requiring emergency medical attention, including clinical signs of sudden cessation of blood circulation and (or) breathing, requiring emergency medical attention</p> <p>Provide emergency medical care to patients in conditions that pose a threat to the life of patients, including clinical death (stopping the vital functions of the human body (blood circulation and (or) breathing)</p> <p>Use medicines and</p>	
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			<p>medical devices in the provision of medical care in an emergency form</p> <p>Perform basic cardiopulmonary resuscitation</p> <p>IPC 3.3 Has practical experience:</p> <p>Evaluation of a condition requiring emergency medical care</p> <p>Recognition of conditions that pose a threat to life, including the state of clinical death (stopping the vital functions of the human body (blood circulation and (or) respiration), requiring emergency medical care</p> <p>Providing emergency medical care to patients in conditions that pose a threat to the life of patients, including clinical</p>	
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			death (stopping the vital functions of the human body (blood circulation and (or) breathing) The use of medicines and medical devices in the provision of medical care in an emergency form	
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PC category: prevention of dental diseases

<i>Carrying out measures for the prevention of dental diseases</i>	Individuals (patients), the population, a set of tools and technologies provided for in the provision of dental care and aimed at creating conditions for protecting the health of citizens	PC-4. Able to carry out and monitor the effectiveness of measures to prevent dental diseases in children and adults, including preventive examinations and dispensary observation	IPC 4.1 Knows: Normative legal acts regulating the procedures for conducting preventive medical examinations and medical examinations The main criteria for a healthy lifestyle and methods for its formation Socio-hygienic and medical aspects of alcoholism, drug addiction, substance abuse, the basic principles of their	IIC 02.005 Dentist
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			<p>prevention</p> <p>Forms and methods of sanitary and hygienic education among patients (their legal representatives), medical workers</p> <p>Features of specific and non-specific prevention of dental diseases</p> <p>The main hygienic measures of a health-improving nature that promote health and prevent the occurrence of dental diseases</p> <p>Etiology, pathogenesis, prevention of dental diseases</p> <p>Fundamentals of Preventive Medicine</p> <p>Stages of planning and implementation of community programs for the prevention of dental diseases</p> <p>IPC 4.2 Able to:</p>	
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			<p>Conduct health and hygiene education among children and adults (their legal representatives) and medical workers in order to form a healthy lifestyle and prevent dental diseases</p> <p>Carry out health education among children and adults with dental diseases in order to form a healthy lifestyle and prevent dental diseases</p> <p>To form in children and adults (their legal representatives) behavior aimed at maintaining and improving the level of somatic and dental health</p> <p>Develop and implement healthy lifestyle programs, including programs to reduce alcohol and tobacco consumption, prevent and combat</p>	
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			<p>the non-medical use of narcotic drugs and psychotropic substances</p> <p>Develop a plan of preventive measures and implement methods of group and individual prevention of major dental diseases</p> <p>Conduct preventive medical dental examinations of the population</p> <p>Assign preventive measures to patients, taking into account risk factors for the prevention and early detection of diseases, including cancer</p> <p>Conduct the selection and prescription of drugs and non-drug methods for the prevention of dental diseases in children and adults.</p> <p>Carry out dispensary</p>	
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			<p>supervision of children and adults with dental diseases</p> <p>IPC 4.3 Has practical experience:</p> <p>Promotion of a healthy lifestyle and prevention of dental diseases</p> <p>Carrying out health education among children and adults with dental diseases</p> <p>Formation in children and adults (their legal representatives) of behavior aimed at maintaining and improving the level of somatic health</p> <p>Formation of healthy lifestyle programs, including programs to reduce alcohol and tobacco consumption, prevent and combat the non-medical use of narcotic drugs and psychotropic substances</p>	
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			<p>Development of a plan of preventive measures and the implementation of methods for group and individual prevention of dental diseases</p> <p>Carrying out preventive medical dental examinations of the population, taking into account age</p> <p>Prescribing preventive measures for children and adults with dental diseases, taking into account risk factors, oncological and hygienic prevention in accordance with the procedures for providing medical care, clinical recommendations, taking into account the standards of medical care</p> <p>Selection and prescription of drugs and non-drug methods for the prevention of</p>	
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			<p>dental diseases in children and adults</p> <p>Conducting a dispensary examination of children and adults with dental diseases</p> <p>Monitoring compliance with dental preventive measures.</p>	
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PC Category: Medical Examination

<i>Conducting a medical examination</i>	Individuals (patients), the population, a set of tools and technologies provided for in the provision of dental care and aimed at creating conditions for protecting the health of citizens	PC-5. Capable of conducting medical examinations in relation to children and adults with dental diseases	<p>IPC 5.1 Knows:</p> <p>The procedure for issuing certificates of incapacity for work</p> <p>Medical indications for referral to a medical and social examination</p> <p>Medical documentation requirements</p> <p>IPC 5.2 Able to:</p> <p>Determine the signs of temporary disability in adults with dental</p>	<p>IPC</p> <p>02.005</p> <p>Dentist</p>
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			<p>diseases, temporary disability in caring for a sick child suffering from a dental disease</p> <p>Prepare medical documentation for referral of adults and children with dental diseases to federal state institutions of medical and social expertise</p> <p>IPC 5.3 Has practical experience:</p> <p>Conducting an examination of temporary disability in adults with dental diseases, temporary disability to care for a sick child suffering from a dental disease</p> <p>Registration of the necessary medical documentation for conducting a medical and social examination in federal state institutions of medical and social examination</p>	
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			Referral of children and adults with dental diseases for medical and social expertise	
			Issuance of a certificate of incapacity for work, including to persons caring for a sick family member.	

Type of tasks of professional activity: scientific - research

PC category: scientific research

<i>Participati on in solving research and scientific- applied problems in the field of healthcar e and medical sciences</i>	Individuals (patients), the population, a set of tools and technologies provided for in the provision of dental care and aimed at creating conditions for protecting the health of citizens	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	IPC 6.1 Knows: Fundamentals of evidence-based medicine; the main sources of medical information based on evidence-based medicine; methods and forms of public presentation of medical information; basic principles of medical research IPC 6.2 Able to: Search for medical information based on evidence-based	analysis of the requirements for professional competencies for graduates in the labor market, consultations with the leading employers, associatio
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			<p>medicine;</p> <p>interpret the data of scientific publications;</p> <p>critically evaluate modern methods of diagnosis, prevention and treatment of diseases from the perspective of evidence-based medicine;</p> <p>justify your choice of methods for diagnosing, preventing and treating dental diseases;</p> <p>prepare a presentation for the public presentation of medical information, the results of scientific research</p> <p>IPC 6.3 Has practical experience:</p> <p>Development of algorithms for examination and treatment of adults and children with dental diseases in accordance</p>	<p>ns of employer s in the industry in which graduates are in demand</p>
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			<p>with the principles of evidence-based medicine;</p> <p>search and interpretation of medical information based on evidence-based medicine;</p> <p>public presentation of medical information based on evidence-based medicine;</p> <p>partial participation in scientific research</p>	
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Type of tasks of professional activity: organizational and managerial

PC category: organization and management

<i>Application of the basic principles of organizing the provision of dental care in medical organizations and their</i>	Medical workers, a set of tools and technologies provided for the provision of dental care and aimed at creating conditions for protecting the health of citizens	PC-7. Capable of analyzing medical and statistical information, maintaining medical records, organizing the activities of medical personnel	<p>IPC 7.1 Knows:</p> <p>Rules for registration and features of maintaining medical records, including in the form of an electronic document, in medical organizations of a dental profile</p> <p>Rules for working in medical information systems and the</p>	<p>IIC</p> <p>02.005</p> <p>Dentist</p>
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<p><i>structural divisions</i></p>			<p>information and telecommunication network "Internet"</p> <p>Job responsibilities of medical workers in medical organizations of the dental profile</p> <p>Organization of the work of dental offices, equipment and equipment of dental offices, departments and clinics</p> <p>Occupational health, safety and fire safety requirements, emergency procedures</p> <p>IPC 7.2 Can:</p> <p>Prepare work plan and work report</p> <p>Fill in medical documentation, including in the form of an electronic document, and control the quality of its maintenance</p> <p>Conduct an analysis of medical and statistical</p>	
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			<p>indicators of the incidence of dental diseases</p> <p>Use in your work information systems in the field of healthcare and the information and telecommunication network "Internet"</p> <p>Supervise the performance of the duties of the medical staff at their disposal</p> <p>Use in the work of personal data of patients and information constituting a medical secret</p> <p>IPC 7.3 Has practical experience:</p> <p>Drawing up a work plan and a report on their work</p> <p>Maintaining medical records, including in the form of an electronic document</p>	
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			<p>Monitoring the performance of official duties by the medical staff at their disposal</p> <p>The use of information systems in the field of healthcare and the information and telecommunication network "Internet"</p> <p>Use in the work of personal data of patients and information constituting a medical secret</p>	
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Type of tasks of professional activity: pedagogical

PC category: health education

<i>Education of the population and medical workers in basic hygienic measures of a health-improving</i>	Individuals (patients), the population, medical workers, a set of tools and technologies provided for in the provision of dental care and aimed at creating conditions for protecting the health of citizens	PC-8. Able to conduct sanitary and hygienic education among the population, educate patients and medical workers in order to prevent the occurrence	<p>IPC 8.1 Knows:</p> <p>Forms and methods of sanitary and hygienic education among patients (their legal representatives), medical workers</p> <p>Features of specific and non-specific prevention of dental diseases</p>	<p>IIC</p> <p>02.005</p> <p>Dentist</p>
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<p><i>nature, contributing to the prevention of the occurrence of dental diseases and health promotion</i></p>		<p>(or) spread of dental diseases, their early diagnosis, identification of the causes and conditions for their occurrence and development</p>	<p>The main hygienic measures of a health-improving nature that promote health and prevent the occurrence of dental diseases</p> <p>Etiology, pathogenesis, prevention of dental diseases</p> <p>Fundamentals of Preventive Medicine</p> <p>Methods and forms of organizing communication, techniques and methods of attracting the population to training in hygiene measures of a health-improving nature</p> <p>Psychological and pedagogical foundations and methods of using technical teaching aids, information computer technologies, electronic educational and information</p>	
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			<p>resources, distance learning technologies and e-learning, including telemedicine technologies</p> <p>Educational technologies and methods for teaching patients and healthcare professionals</p> <p>IPC 8.2 Able to:</p> <p>Plan, organize and conduct activities within the framework of sanitary and hygienic education among the population, training of patients and medical workers</p> <p>Carry out health education among children and adults with dental diseases in order to form a healthy lifestyle and prevent dental diseases</p> <p>Involve available medical personnel in the planning and development of the</p>	
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			<p>content of measures for sanitary and hygienic education among the population, education of patients and medical workers</p> <p>It is reasonable to use technical teaching aids, information computer technologies, electronic educational and information resources, distance educational technologies and e-learning, including telemedicine technologies</p> <p>To carry out an analysis of the measures taken for sanitary and hygienic education among the population</p> <p>IPC 8.3 Has practical experience:</p> <p>Planning, organizing and holding an event within the framework of sanitary and</p>	
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			hygienic education among the population Planning, organizing and conducting patient and healthcare professional education Promotion of a healthy lifestyle and prevention of dental diseases Formation in children and adults (their legal representatives) of behavior aimed at maintaining and improving the level of dental health.	
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6. REQUIREMENTS FOR THE STRUCTURE OF THE MPEP HE

6.1. Program structure

The structure of the program EP HE 31.05.03 Dentistry includes the following blocks:

Block 1 "Disciplines (modules)"

Block 2 "Practice"

Block 3 "State final certification"

Table. The structure of the specialist's program

The structure of the specialist's program		Scope of the specialist's program in credits*
Блок 1	Disciplines (modules)	270
Блок 2	Practice	27
Блок 3	State final certification	3

Scope of the specialist's program	300
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Program EP HE 31.05.03 Dentistry provides the implementation of:

Disciplines in philosophy, history (history of Russia, general history), foreign language, life safety within the framework of Block 1 "Disciplines (modules)"; disciplines (modules) in physical culture and sports in the amount of at least 2 credits. within the framework of Block 1 "Disciplines (modules)", in the amount of 328 academic hours, which are mandatory for mastering, are not converted into credits and are not included in the volume of the specialist's program, within the framework of elective disciplines (modules).

Disciplines (modules) in physical culture and sports are implemented in accordance with the Regulation "On the procedure for the implementation of disciplines in physical culture and sports."

The program of EP HE 31.05.03 Dentistry also provides for the possibility of mastering elective disciplines (modules) and optional disciplines (modules). Optional disciplines are not included in the scope of the specialist's program.

Block 2 "Practice" includes educational and industrial practices (hereinafter together - practices).

Types of educational practice:

introductory practice;
practice in obtaining primary professional skills and positions of paramedical personnel; research work (obtaining primary skills of research work).

Types of work experience:

- practice in obtaining professional skills and professional experience (in preventive dentistry);
- practice in obtaining professional skills and professional experience activities (in surgical dentistry);
- practice in obtaining professional skills and professional experience activities (on therapeutic dentistry);
- practice in obtaining professional skills and professional experience activities (prosthetic dentistry);
- practice in obtaining professional skills and professional experience activities (on pediatric dentistry);
- clinical practice in general practice dentistry;
- research work.

Block 3 "State final certification" includes preparation for passing and passing the state exam.

The volume of the mandatory part of the EP HE 31.05.03 Dentistry, excluding the volume of the state final certification, is at least 80 percent of the total volume of the specialist's program.

The volume of contact work is regulated by the Regulations “On the procedure for organizing and implementing educational activities in educational programs of higher education - bachelor's and specialist's programs” and is at least 50% of the total volume of the educational program of a specialist. The amount of contact work may vary depending on the recruitment year.

One of the forms of organization of contact work is practical training. In the form of practical training, practical and (or) laboratory classes are conducted in disciplines, classes within the framework of practices at clinical sites, in the accreditation and simulation center of the institute, the clinical training center of SK SPC LLC and in the laboratories of the university.

6.2. Annual calendar study schedule

The calendar study schedule indicates the periods for the implementation of types of educational activities and vacation periods.

The place of storage is the Directorate of the Institute of Dentistry and Maxillofacial Surgery. An electronic version of the calendar study schedule is posted on the official website of the University in the Information about the educational organization section.

6.3. Syllabus

The curriculum contains a list of disciplines (modules), practices, attestation tests for the state final attestation of students, other types of educational activities, indicating their volume in credit units, sequence and distribution by periods of study.

The curriculum highlights the amount of work of students in interaction with the teacher (contact work of students with the teacher) (by type of training) and independent work of students in academic hours. For each discipline (module) and practice, the form of intermediate certification of students is indicated.

When calculating the labor intensity of the main educational programs of higher education in credit units, the following indicators are used:

- one credit unit corresponds to 36 academic hours of total labor input lasting 45 minutes;
- one week of practice is expressed in 1.5 credit units;
- the labor intensity of the state final certification is calculated based on the number of weeks allotted for it: one week corresponds to 1.5 credit units.

The curriculum defines the minimum amount of contact work between students and the teacher, as well as the maximum amount of lecture and seminar classes.

Place of storage - directorate of the Institute of Dentistry and Maxillofacial Surgery.

The electronic version of the curriculum is posted on the official website of the University, in the section Information about the educational organization / Education /.

6.4. Work programs of academic disciplines (modules) and practices

The work program of the discipline (module) includes:

- name of the discipline (module);

- a list of planned learning outcomes for the discipline (module), correlated with the planned results of mastering the educational program;
- indication of the place of the discipline (module) in the structure of the educational program;
- the volume of the discipline (module) in credit units indicating the number of academic or astronomical hours allocated for contact work of students with a teacher (by type of training) and for independent work of students;
- the content of the discipline (module), structured by topics (sections) indicating the number of academic or astronomical hours allocated to them and types of training sessions;
- a list of basic and additional educational literature necessary for mastering the discipline (module);
- a list of resources of the information and telecommunication network "Internet", necessary for the development of the discipline (module);
- guidelines for students on mastering the discipline (module);
- a list of information technologies used in the implementation of the educational process in the discipline (module), including a list of software and information reference systems (if necessary);
- description of the material and technical base necessary for the implementation of the educational process in the discipline (module).

The MPEP HE contains annotations of the work programs of all training courses, subjects, disciplines (modules) of both the basic and optional parts of the curriculum, including disciplines (modules) of the student's choice, optional disciplines developed in the prescribed manner.

The practice program includes:

- indication of the type of practice, method and form (forms) of its implementation;
- a list of planned learning outcomes during internship, correlated with the planned results of mastering the educational program;
- indication of the place of practice in the structure of the educational program;
- an indication of the amount of practice in credit units and its duration in weeks in academic hours;
- the content of the practice;
- indication of reporting forms according to practice;
- a fund of assessment tools for conducting intermediate certification of students in practice;
- a list of educational literature and Internet resources necessary for the practice;
- a list of information technologies used in the practice, including a list of software and information reference systems (if necessary);
- description of the material and technical base necessary for the practice.

The MPEP HE contains annotations of all practices developed in the prescribed manner.

Storage location - one copy (including funds of evaluation tools and methodological materials) - departments implementing the specialist's program, the second copy (work

programs and reviews for them) - the directorate of the Institute of Dentistry and Maxillofacial Surgery.

Annotations of the work programs of disciplines and practices and the work programs themselves are posted on the official website in the Information about the educational organization / Education section.

6.5 Working programs of education

An integral component of EP HE 31.05.03 Dentistry is a working program of education, reflecting the conditions, forms and types of educational activities aimed at the professional and personal formation of students - future healthcare professionals, the development of a highly moral personality, a competitive specialist - the bearer of the basic national values of Russian society, enshrined in the Constitution of the Russian Federation, capable of realizing its potential in a dynamically developing modern society, ready for peaceful construction and defense of the Motherland.

The working program of education is kept by the Deputy Director for Educational Work, it is also presented on the official website of the University in the section Information about the educational organization / Education /

6.6 Annual calendar plan of educational work.

The calendar plan reflects the specific activities of the educational activities of students in the EP HE 31.05.03 Dentistry, indicating the forms, deadlines and responsible persons.

The calendar plan is drawn up for each academic year. One copy of the calendar plan of educational work is kept in the directorate of the institute, one copy is kept by the deputy director for educational work.

7. FEATURES OF THE ORGANIZATION OF THE EDUCATIONAL PROCESS FOR THE DISABLED AND PERSONS WITH LIMITED HEALTH OPPORTUNITIES

Conditions for the implementation of the educational program for the disabled and persons with disabilities.

The implemented EP HE 31.05.03 Dentistry, if necessary, can be adapted for teaching disabled people and people with disabilities, taking into account the characteristics of the psychophysical development, individual capabilities and health status of students (based on a written statement from a student with disabilities about the existence of such a need). Training of persons with disabilities is carried out on the basis of educational programs adapted, if necessary, for the training of these persons, taking into account the characteristics of the psychophysical development, individual capabilities and health status of such students (hereinafter referred to as individual characteristics).

Education of persons with disabilities can be organized both jointly with other students, and in separate groups or at the request of students according to an individual curriculum.

When receiving education at KBSU, persons with disabilities are provided free of charge with special educational and information resources. They can also be provided with free services of an assistant (assistant), a sign language interpreter, a typhlo-sign language interpreter, a psychologist teacher, a social educator (social worker), who provide students with the necessary technical assistance, conduct group and individual remedial classes, provide access to the buildings of the KBSU and other conditions, without which it is impossible or difficult to master educational programs for students with disabilities.

The period for obtaining higher education in an educational program by disabled people and persons with disabilities is increased compared to the period for obtaining higher education in an educational program in the corresponding form of education within the limits established by the educational standard, based on a written application from the student.

Current control and intermediate certification of students, if necessary, can be organized remotely.

Students from among persons with disabilities should be provided with printed and (or) electronic educational resources in forms adapted to their disabilities.

For people with disabilities and people with disabilities, KBSU establishes a special procedure for mastering disciplines (modules) in physical culture and sports, taking into account their state of health.

8. REQUIREMENTS FOR PROGRAM IMPLEMENTATION CONDITIONS

8.1. General system requirements for the implementation of the MPEP HE

The University has on the right of ownership or other legal basis the material and technical support of educational activities (premises and equipment) for the implementation of the specialist's program in Block 1 "Disciplines (modules)" and Block 3 "State Final Attestation" in accordance with the curriculum.

Each student during the entire period of study is provided with individual unlimited access to the electronic information educational environment of the university from any point where there is access to the information and telecommunication network "Internet" (hereinafter referred to as the "Internet"), both on the territory of the university and outside her.

The university has an electronic information and educational environment that provides:

- access to curricula, work programs of disciplines (modules), practice programs, electronic educational publications and electronic educational resources specified in the work programs of disciplines (modules), practice programs;
- the formation of an electronic portfolio of the student, including the preservation of his works and marks for these works.

When implementing a specialist's program using e-learning, distance learning technologies, the electronic information and educational environment of the university additionally provides:

- fixing the course of the educational process, the results of intermediate certification and the results of mastering the specialist's program;

- conducting training sessions, procedures for assessing learning outcomes, the implementation of which is provided for using e-learning, distance learning technologies;
- interaction between participants in the educational process, including synchronous and (or) asynchronous interaction through the Internet.

The functioning of the electronic information and educational environment is ensured by appropriate means of information and communication technologies and the qualifications of employees using and supporting it. The functioning of the electronic information and educational environment complies with the legislation of the Russian Federation and is regulated by the Regulations on the electronic information and educational environment in the Federal State Budget Educational Institution of Higher Education of the Ministry of Health of Russia.

Electronic information and educational environment of the Kabardino-Balkarian State University. HM. Berbekov (EIOS KBSU) is an integrative complex of information technologies and software products of KBSU, which includes:

- ☐ official website of the educational organization;
- ☐ system of electronic document management, office automation and control over the execution of orders and decisions "Zimbra";
- ☐ an automated personnel management system, automation of accounting and personal files of employees, faculty and students;
- ☐ automated support systems for the organization and management of the educational process;
- ☐ electronic scientific library of KBSU and electronic library systems;
- ☐ an automated system for monitoring and auditing educational achievements of students;
- ☐ a system of financial and management accounting, automation of accounting and budgetary accounting processes, calculation of salaries / scholarships, accounting of tuition fees;
- ☐ an automated system for managing staffing tables and arrangements, wage fund, rating assessment of employees' activities;
- ☐ an automated system for registering the contingent of students in higher education programs, secondary vocational education and other professional educational programs;
- ☐ accounting system for scholarships for students;
- ☐ an automated system for calculating hours and distributing the workload of the teaching staff;
- ☐ cloud technologies;

8.2 Requirements for staffing conditions for the implementation of the specialist's program

Implementation of the EP HE program 31.05.03 Dentistry is provided by teaching staff of both the institute and the university as a whole, as well as persons involved in the implementation of the specialist's program on other conditions.

The qualifications of teaching staff meet the qualification requirements specified in the qualification reference books and professional standards.

At least 70 percent of the number of teaching staff of the institute participating in the implementation of the EP HE 05/31/03 Dentistry and persons involved by the university in the implementation of the specialist's program on other conditions (based on the number of replacement rates reduced to integer values), conduct scientific, educational and methodical and (or) practical work corresponding to the profile of the taught discipline (module).

At least 5 percent of the number of teaching staff of the institute participating in the implementation of the specialist's program, and persons involved by the university in the implementation of EP HE 31.05.03 Dentistry on other conditions (based on the number of replacement positions reduced to integer values), are managers and (or) employees of other organizations engaged in labor activity in the professional field corresponding to the professional activity for which the graduates are preparing (they have at least 3 years of work experience in this professional field).

At least 60 percent of the number of teaching staff of the Institute and persons involved in the educational activities of the University on other conditions (based on the number of replacement rates reduced to integer values) have an academic degree (including a scientific degree obtained in a foreign country and recognized in the Russian Federation). Federation) and (or) an academic title (including an academic title obtained in a foreign state and recognized in the Russian Federation).

8.3. Requirements for material, technical and educational support specialist's programs

Material and technical and educational and methodological support of EP HE 31.05.03 Dentistry is formed on the basis of the requirements for the conditions for the implementation of the specialist's program, determined by the Federal State Educational Standard of HE in this specialty.

The premises are classrooms for conducting training sessions provided for by the program of the specialist, equipped with equipment and teaching aids, the composition of which is determined in the work programs of the disciplines (modules).

Premises for independent work of students are equipped with computers with the ability to connect to the Internet and provide access to the electronic information and educational environment of the Organization.

During the learning process, students are trained in simulated conditions. To develop practical skills in the structure of the institute, there is an accreditation and simulation center where the state final certification of graduates, primary and primary specialized accreditation is carried out.

For individual manipulations in the educational process of EP HE 31.05.03 Dentistry, virtual analogues of the ASC are used as part of practical training.

A specific list of equipment is presented in the work programs of disciplines, practice programs.

For conducting lecture-type classes, sets of demonstration equipment and educational visual aids are offered, providing thematic illustrations corresponding to the working curricula of disciplines (modules).

Premises for independent work of students are equipped with computer equipment with the ability to connect to the Internet and provide access to the electronic information and educational environment of the organization.

Premises for SR-room 145 (main building, Chernyshevsky st. 173), room 102, 006 - IP and CHLH (Business incubator - 175B Tolstoy st.).

The number of classrooms and laboratories corresponds to the number of students. Kabardino-Balkarian State University named after A.I. HM. Berbekov is provided with a set of licensed software (the composition is reflected in the RPD and is updated annually). The educational process is carried out on the basis of the IS accreditation and simulation center and the ChLH KBSU.

The practical process is carried out on the basis of the RSC im. T.Kh. Tkhazaplizheva and

LLC "North Caucasian Scientific and Practical Center of Maxillofacial, Plastic Surgery and Dentistry".

The KBSU Accreditation and Simulation Center is equipped with modern technological equipment and materials that allow you to fully implement the requirements of the Federal State Educational Standard of Higher Education:

- computer class for 30 seats with access to the INTERNET;
- dental offices equipped with modern dental units for 17 workplaces;
- a modern lecture hall with multimedia equipment and a list of multimedia lectures.
- modern phantoms and simulators with the necessary professional equipment;
- dental laboratory of the German company "KAVO", for practicing manual skills, for 6 jobs;
- centralized compressor room
- Separate premises for storage of consumable dental material;
- rooms for independent work of students are equipped with computer equipment with the ability to connect to the Internet and provide access to the electronic information and educational environment of the organization The university is also provided with the necessary set of licensed and freely distributed software, including domestic production, the composition of which is determined by programs of disciplines (modules) and is updated (if necessary).

When implementing blended learning ("Blended Learning") using electronic and distance educational technologies, the educational process is carried out through the system of electronic support for training courses based on the Moodle software, deployed on the educational portal of the universitydigital communication technologies and tools (messaging Viber, WhatsApp, Skype, Telegram, etc.; video conferencing platforms Zoom, BigBlue, etc.; email, social networks, test systems, etc.).

When using printed publications in the educational process, the library fund is equipped with printed publications at the rate of at least 0.25 copies of each of the publications specified in the work programs of disciplines (modules), practice programs, per one student from among persons simultaneously mastering the corresponding discipline (module) undergoing relevant internships.

Students are provided with access (remote access), including in the case of using e-learning, distance learning technologies, to modern professional databases and information reference systems, the composition of which is determined in the work programs of disciplines (modules) and updated (if necessary).

8.4. Requirements for the financial conditions for the implementation of the specialist's program

Financial support for the implementation of EP HE 31.05.03 Dentistry is carried out in an amount not lower than the values of the basic cost standards for the provision of public services for the implementation of educational programs of higher education - specialist's programs and the values of adjusting coefficients to the basic cost standards determined by the Ministry of Science and Higher Education of the Russian Federation. The Academic Council of the University approves the amount of funds for the implementation of this MPEP HE.

Financial support for the implementation of the specialist's program should be carried out in an amount not lower than the basic standard costs established by the Ministry of Education and Science of the Russian Federation for the provision of public services in the field of education for a given level of education and direction of training, taking into account adjustment factors that take into account the specifics of educational programs in accordance with the Methodology for determining regulatory costs for the provision of public services for the implementation of educational programs of higher education in specialties (training areas) and enlarged groups of specialties (training areas), approved by order of the Ministry of Education and Science of the Russian Federation of October 30, 2015 N 1272 (registered by the Ministry of Justice of the Russian Federation November 30, 2015, registration N 39898).

9. REGULATORY AND METHODOLOGICAL SUPPORT OF THE SYSTEM FOR ASSESSING THE QUALITY OF THE MASTERING OF THE STUDENTS OF THE OPOP HE

9.1. Information about the applied mechanisms for assessing the quality of educational activities and training of students

The quality of educational activities and training of students in the EP HE 31.05.03 Dentistry is determined within the framework of the internal assessment system, as well as the external assessment system, in which the university participates on a voluntary basis.

In order to improve the EP HE 31.05.03 Stomatology, the university, when conducting a regular internal assessment of the quality of educational activities and training students under the specialist's program, attracts representatives of employers, independent teachers.

Within the framework of the internal system for assessing the quality of educational activities in EP HE 31.05.03 Dentistry, students are given the opportunity to evaluate the conditions, content, organization and quality of the educational process as a whole and individual disciplines (modules) and practices.

External assessment of the quality of educational activities for EP HE 31.05.03 Dentistry within the framework of the state accreditation procedure is carried out in order to confirm the compliance of educational activities under the program with the requirements of the Federal State Educational Standard of HE.

External assessment of the quality of educational activities and training of students in EP HE 31.05.03 Dentistry can be carried out within the framework of professional public accreditation conducted by employers, their associations, as well as organizations authorized by them, including foreign organizations, or authorized national professional public organizations that are members of international structures, in order to recognize the quality and level of training of graduates that meet the requirements of professional standards (if any) and (or) labor market requirements for specialists of the relevant profile.

9.2. Evaluation materials for ongoing monitoring of progress and intermediate certification

To carry out the procedure for intermediate certification of students, funds of assessment tools (FOS) have been developed that allow assessing the achievement of the learning outcomes planned in the MPEP and the level of competency formation.

The objectives of creating a FOS are: control and management of the process of mastering by students the necessary knowledge, skills, and the formation of competencies determined by the implemented MPEP; assessment of the achievements of students in the process of studying disciplines, practices, conducting research work with determining the results and planning the necessary corrective measures; ensuring the compliance of the results of mastering the MPEP with the tasks of future professional activity.

The main properties of FOS are:

- competency-based and professional orientation (correspondence to competencies that are formed in the course of studying a particular academic discipline or practice);
- validity - the actual ability of the evaluation tool to measure the characteristic for the diagnosis of which it is claimed;
- reliability - a characteristic of the evaluation tool, indicating the constancy of empirical measurements, that is, multiple repetition;
- volume (quantitative composition of the evaluation tools included in the WCF);
- the quality of evaluation tools and FOS as a whole, ensuring obtaining objective and reliable results when conducting control for various purposes.

The composition of the FOS OPOP for conducting intermediate certification of students in the discipline (module) / practice includes:

- assessment tools: a set of control tasks or other materials necessary for assessing competencies;
- a list of competencies (parts of competencies) that students should master as a result of mastering the discipline (module) / practice;
- description of indicators and criteria for assessing competencies, description of assessment scales;
- methodological recommendations for students and teachers on the use of FOS during intermediate certification.

FOS, used for intermediate certification of students, includes:

- a set of examination questions and tasks for the exam (test);
- a set of control works;
- tasks in a test form;
- situational tasks;
- mini cases;
- tasks for assessing practical skills;
- projects;
- portfolio and other assessment tools that allow you to control the formation of competencies.

When developing the FOS for intermediate certification in disciplines (modules) and practices, assessment tools and evaluation tools used in the primary accreditation procedure of a specialist in accordance with Federal Law No. Federation" in the manner prescribed by the Regulations on the accreditation of specialists, approved by order of the Ministry of Health of the Russian Federation dated June 2, 2016 No. 334n, and intended to assess professional qualifications related to the professional standard "Dentist".

Evaluation means of intermediate certification for disciplines (modules) and practices are formed in such a way that they allow assessing not only individual learning outcomes for disciplines (modules) and practices (knowledge, skills and abilities), but also indicators of the achievement of competencies, i.e. are complex in nature (solving cases, performing specified labor actions on simulators, etc.). This approach will make it possible to bring the intermediate certification as close as possible to the procedure for the primary accreditation of a specialist for compliance with the professional standard "Dentist".

9.3. State final certification.

The purpose of the SFC is to establish the conformity of the level of preparedness of the graduate to solving professional problems. During the SFC, the compliance of the results of mastering the MPEP by graduates with the requirements of the Federal State Educational Standard of Higher Education is established.

The SFC program for the educational program includes preparation for passing and passing the state exam in the amount of 3 credits.

The SFC program is compiled in accordance with the Federal State Educational Standard of Higher Education, the curriculum and the professional standard. When developing the

FOS of the SFC, an assessment was taken of the formation of all the Criminal Codes, the IPC and the PC provided for by the MPEP.

So, to assess the formation of the Criminal Code and part of the IPC, tasks in a test form were used. To assess the formation of the main IPC and PC, practical skills are tested in simulated conditions and a final oral interview with the solution of situational problems (mini-cases).

The materials of the state attestation are presented in the form of a program of the state final attestation and funds of evaluation tools.

The state final certification is presented in the form of a state exam, which includes three consecutive stages:

1. Computer testing;
2. Practical skills in simulated conditions;
3. Final interview

The SFC and FOS program is stored in the educational department of the institute. The program of the state final certification is also presented on the official website of the University in the section Information about the educational organization / Education

10. OTHER REGULATORY AND METHODOLOGICAL DOCUMENTS AND MATERIALS ENSURE THE QUALITY OF TRAINING STUDENTS

In order to ensure the quality of training students in the specialty 31.05.03 Dentistry, the following regulatory and methodological documents are being implemented:

№	Name	Approval date
1	Regulations on the main professional educational program of higher education at KBSU	Приказ № 396/0 от 14.07.2022г.
2	Regulations on the mode of study of students in higher education programs - undergraduate programs, specialist's programs, master's programs, programs for the preparation of scientific and pedagogical personnel in graduate school, residency programs at the Federal State Budgetary Educational Institution of Higher Education "Kabardino-Balkarian State University. HM. Berbekov"	Приказ № 344/0 от 29.06.2022г.
3	Regulations on the procedure for the transition from the main educational program of higher education, developed in accordance with the federal state educational standard of higher education (qualification (degree) "bachelor", "master", "specialist" to the main professional educational program in accordance with the federal state educational standard of higher education education (bachelor's, master's, specialist's level) (transition from FSES HPE to FSES HE)	17.03.2015г.

4	Regulations on the contact work of students with teaching staff of KBSU and persons involved in the implementation of educational programs	Приказ № 398/0 от 14.07.2022г.
5	Regulations on additional professional education at KBSU	Приказ № 61/0 от 08.02.2019г.
6	Regulations on the organization of training sessions in the discipline (module) "Physical culture and sports" at KBSU	Приказ № 687/0 от 05.12.2022г.
7	Regulations on the procedure for issuing, maintaining and accounting for student cards, certificates of graduate students, residents and record books at KBSU	Приказ № 125/0 от 07.03.2023г.
8	Regulations on the independent work of students at KBSU	Приказ № 343/0 от 29.06.2022г.
9	Regulations on the organization of classes in optional disciplines in educational	Приказ № 687/0 от 05.12.2022г.
10	Regulations on the procedure for granting academic leave to students at the Federal State Budgetary Educational Institution of Higher Education "Kabardino-Balkarian State University. HM. Berbekov"	Приказ № 612/0 от 01.11.2022г.
11	Regulations on training according to an individual curriculum, including accelerated learning	Приказ № 399/0 от 05.12.2022г.
12	The procedure for the use of e-learning and distance learning technologies in the implementation of educational programs of KBSU	Приказ № 340/0 от 29.06.2022г.
13	Regulations on the electronic information and educational environment of KBSU	Приказ № 353/0 от 29.06.2022г.
14	Regulations on the network form for the implementation of educational programs at KBSU	Приказ № 60/0 от 08.02.2019г.
15	The procedure for organizing the development of elective disciplines (modules) at KBSU	Приказ № 345/0 от 29.06.2022г.
16	Regulations on the procedure for the transfer, expulsion and restoration of a student in educational programs of higher education at the Kabardino-Balkarian State University. HM.	Приказ № 282/0 от 25.05.2023г.

	Berbekov.	
17	Regulations on the electronic portfolio of students at KBSU	Приказ № 70/0 08.02.2019г.
18	Regulations for offsetting the results of mastering open online courses	Приказ № 67/0 08.02.2019г.
19	Regulations on the curator of the academic group at KBSU	Приказ № 392/0 от 14.07.2022г.
20	Regulations on the procedure for mastering, along with academic subjects, courses, disciplines for the educational program being mastered, any other academic subjects, courses, disciplines at the Kabardino-Balkarian State University named after. HM. Berbekova	Приказ № 479/0 от 29.10.2019г.
21	Regulations on the procedure for recording and storing documents based on the results of the educational process at the Kabardino-Balkarian State University named after I.I. HM. Berbekova	Приказ № 338/0 от 29.06.2022г.
22	Regulations on the procedure for registration of the emergence, suspension and termination of educational relations between the Kabardino-Balkarian State University named after. HM. Berbekov and students and (or) their parents (legal representatives)	Приказ № 126/0 от 07.03.2022г.
23	Regulations on the organization and implementation of educational activities for educational programs of higher education - bachelor's programs, specialist's programs, master's programs	Приказ № 126/0 от 07.03.2022г.
24	Regulations on the fund of evaluation tools (evaluation materials) of the main professional educational programs of higher education - bachelor's programs, specialist's programs, master's programs implemented at the Kabardino-Balkarian State University. HM. Berbekova	Приказ № 391/0 от 14.07.2022г.
25	Regulations on the procedure and forms for crediting learning outcomes in individual disciplines (modules) and practices mastered by students in the implementation of the main professional educational program of higher education - bachelor's, specialist's, master's programs	Приказ № 164/0 от 21.03.2019г.
26	Regulations on the work program of the discipline (module) for educational programs of higher education at KBSU	Приказ № 400/0 от 14.07.2022г.

27	Regulations on the point-rating system of attestation of students in educational programs of higher education - bachelor's programs, specialist's programs and master's programs of the Kabardino-Balkarian State University. HM. Berbekova	Приказ № 164/0 от 21.03.2019г.
28	Regulations on the organization and implementation of ongoing monitoring of progress and intermediate certification of students in higher education programs - undergraduate program, specialist's program, master's programs at the Federal State Budgetary Educational Institution of Higher Education "Kabardino-Balkarian State University. HM. Berbekov"	Приказ № 40/0 от 14.07.2022г.
29	Regulations on the head of the educational program for educational programs of higher education - bachelor's programs, specialist's programs and master's programs	Приказ № 351/0 от 29.06.2022г.
30	Regulations on the state final certification for educational programs of higher education - bachelor's programs, specialist's programs and master's programs at the Kabardino-Balkarian State University. HM. Berbekov"	Приказ № 611/0 от 01.11.2022г.
31	The procedure for the work of state examination and appeal commissions for conducting state final certification for educational programs of higher education - bachelor's programs, specialist's programs and master's programs at the Kabardino-Balkarian State University. HM. Berbekova	Приказ № 68/0 от 05.03.2020г.
32	Regulations on the conditions and procedure for enrolling external students in the Federal State Budgetary Educational Institution of Higher Education "Kabardino-Balkarian State University. HM. Berbekov" for them to pass the intermediate and state final certification for higher education programs - bachelor's programs, specialist's programs, master's programs	Приказ №263/0 от 17.05.2019г
33	Regulations on the internal independent assessment of the quality of education for the main educational programs of higher education - bachelor's programs, specialist's programs, master's programs	Приказ № 341/0 от 29.06.2022г.
34	Regulations on the peculiarities of conducting intermediate certification in the Federal State Budgetary Educational Institution of Higher Education "Kabardino-Balkarian State University. HM. Berbekov" in the 2021/2022 academic year on educational programs of higher education - bachelor's programs, specialist's programs, master's programs that provide for the use of distance learning technologies that provide personal identification through a unified personal data information system that provides processing, including the collection and storage of biometric personal data, their	Приказ № 234/0 от 11.05.2021г.

	verification and transfer of information on the degree of their compliance with the provided biometric personal data of an individual	
35	Regulations on the development of a working program of education and a calendar plan for educational work of KBSU	Приказ № 271/0 от 26.05.2021 г.