

«APPROVED»

Head of the Academic Board

Higher State Educational Establishment of Ukraine

“Ukrainian Medical Stomatological Academy”

_____ V. M. Zhdan

Minutes № 9 as of 26.05.2016



EDUCATIONAL PROGRAM
(EDUCATION AND TRAINING PROGRAM)

HIGHER EDUCATION LEVEL - SECOND (MASTER’S)

QUALIFICATION DEGREE - MASTER

FIELD OF STUDY - 22 PUBLIC HEALTH

SPECIALITY - 222 DENTISTRY

POLTAVA 2016

PREAMBLE

1.INTRODUCED

Central Methodical Commission of the Higher Educational Establishment of Ukraine "Ukrainian Medical Stomatological Academy"

2. Implemented on 01.09.2016 by the order of the Rector No. №150-a as of 27.05.2016.

3. INTRODUCED FOR THE FIRST TIME

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1. INTRODUCTION

1.1. General information

According to the Order of the Ministry of Education and Science of Ukraine dated 06.11.2015 № 1151 "On the peculiarities of the introduction of the list of branches of knowledge and specialties for which the training of applicants for higher education is carried out", starting from September 1, 2016 higher educational establishments are invited to develop and introduce educational programs and curricula in accordance with the requirements of the Law of Ukraine "On Higher Education".

In order to create a temporary educational program in the absence of methodology and methodological recommendations, the following provisions of the Law of Ukraine "On Higher Education" were used:

1) Art. 1, par. 1. 17 - educational program (educational-professional, educational-scientific) is a system of educational components at the corresponding level of higher education within the specialty, which defines:

- Requirements to the level of education of persons who can begin training under this program;

- The list of educational disciplines and the logical sequence of their study;

- The number of ECTS credits required to implement this program;

- Expected learning outcomes that should be acquired by the applicant of the corresponding higher education degree;

2) Art. 10, par. 3 - the standard of higher education defines the following requirements for the educational program:

- The number of ECTS credits necessary for obtaining a corresponding degree of higher education;

- List of graduate competencies;

- Normative content of the training of higher education graduates, formulated in terms of learning outcomes (a set of knowledge, skills, other competencies);

- Form of certification of higher education graduates;

- Requirements for the system of internal quality assurance in higher education;

3) Art. 5, par. 1 - the second (master's) level should include the acquisition of a person with in-depth theoretical and / or practical knowledge, skills in the chosen specialty (or specialization), general principles of the methodology of scientific and / or professional activity, other competences sufficient for effective performance of tasks of innovative character of the corresponding level of professional activity;

4) Art. 1 par. 1.13 - competence determines the person's ability to successfully carry out professional and further educational activities and is the result of studying at a certain level of higher education;

5) Art. 1 par. 1.19 - learning outcomes is a set of knowledge, skills and other competencies acquired by a person in the process of learning in a certain educational-professional, educational-scientific program that can be identified, quantified and measured.

Based on these provisions, the following structure of the educational program is adopted (according to the terminology of the Law of Ukraine "On Higher Education"):

- Detection of types, content and system of corresponding tasks of the innovative activity of the master (the content of higher education) taking into account the requirements of professional standards or an equivalent normative base;

- Regulation of the Master's competency system as an ability to effectively carry out tasks of an innovative nature at the appropriate level of professional activity, taking into account the requirements of professional standards or an equivalent normative base and the requirements of the National Qualifications Framework;

- Determining the program results of training and their degree of complexity by decomposing competencies;

- Reporting the nomenclature of types of educational activities due to the adequate distribution of programmatic learning outcomes for study disciplines, practices, and individual tasks;

- Definition of ECTS credits for mastering all types of educational activities.

The implementation of a competent approach to the design of higher education through the creation of an unambiguous link between external goals of higher education and disciplines, practices and individual tasks is a decisive factor in the quality of higher education of NSU and the creation of a real system of its internal provision.

Transparent and understandable structure and content of the curriculum are relevant for entrants, applicants, teachers, employers.

The educational program is used during:

- Accreditation of educational program, inspection of educational activity by specialty and specialization;

- Development of syllabi, practical training programs;

- Development of means of diagnostics of higher education quality;

- determining the content of training in the system of retraining and advanced training;

- Professional orientation of applicants for a specialty.

The educational program takes into account the requirements of the Law of Ukraine "On Higher Education", the National Framework of Qualifications and establishes:

- Scope and term of master's studies;

- General competencies;

- Professional competence in specialty and specialization;

- The list and scope of educational disciplines for the acquisition of the competences of the educational program;

- Requirements for the structure of educational disciplines.

The educational program is used for:

- drawing up curricula and syllabi;

- The formation of individual student plans;

- Formation of curriculum, practice, content of individual tasks;
- Definition of the information base for the formation of diagnostic tools;
- Accreditation of the educational program;
- External quality control of training specialists;
- Certification of masters of specialty 011 Science of education.

Users of the educational program:

- Graduates of higher education studying at the HSEEU "UMSA";
- Teachers of the HSEEU "UMSA", which carry out preparation of masters of specialty 221 Dentistry;
- Examination commission of specialty 221 Dentistry;
- Admission Committee of the HSEEU "UMSA".

The educational program is extended to the departments of HSEEU "UMSA", which provides training of specialists of the master's degree specialty 221 Dentistry.

1.2. References to normative documents

Educational program is developed on the basis of the following normative documents:

1. The Law of Ukraine "On Higher Education" as of 01.07.2014 // Vedomosti Verkhovnoy Rady. -2014. - No. 37, 38.
2. National Qualifications Framework. Annex to the Resolution of the Cabinet of Ministers of Ukraine dated November 23, 2011 No. 1341.
3. Resolution of the Cabinet of Ministers of Ukraine dated 26.04.2015 №266 "List of branches of knowledge and specialties on which the training of applicants for higher education is carried out".
4. Order of the Ministry of Education and Science of Ukraine dated November 6, 2015, No. 1151 "On the peculiarities of the introduction of the list of branches of knowledge and specialties, which are training the applicants of higher education, approved by the decision of the Cabinet of Ministers of Ukraine dated April 29, 2015, No. 266.
5. Order of the Ministry of Education and Science of Ukraine dated October 15, 2015 №1085 About the Conditions for admission to study at higher educational establishments of Ukraine in 2016.
6. Methodological recommendations for the development of higher education standards: project [Electronic resource] / Ministry of Education and Science of Ukraine. - K. - Access mode: (<http://mon.gov.ua/citizens/zv'yazki-z-gromadskistyuu/gromadske-obgovorennnya-2016.html>)
7. Resolution of the Cabinet of Ministers of Ukraine dated December 30, 2015, No. 1187 Licensing conditions for the educational activities of educational establishments (Decree of the Cabinet of Ministers of Ukraine dated December 30, 2015, No. 1187 "Licensing conditions for educational activities of educational establishments".

1.3. Terms and definitions

The terms in the program are used in the following meaning:

- 1) *autonomy and responsibility* - the ability to perform tasks independently, solve tasks and problems and be responsible for the results of their activities;
- 2) *accreditation of an educational program* - assessment of an educational program and / or educational activity of a higher educational establishment under this program for the purpose of compliance with the standard of higher education; the ability to meet the requirements of the standard and achieve the results of the program declared in the program; achievement of the results of the program declared in the program;
- 3) *assessment* - is the establishment of the correspondence of the level and extent of knowledge, skills and other competences acquired by higher education students to the requirements of higher education standards;
- 4) *bachelor* is an educational degree obtained at the first level of higher education and awarded by a higher educational establishment as a result of successful completion of a higher education curriculum of an educational-professional program amounting to 180-240 ECTS credits. The scope of the educational-professional program for obtaining the bachelor's degree on the basis of the degree of junior baccalaureate is determined by the higher educational establishment;
- 5) *types of educational activities of the applicant* - educational disciplines, practices, individual tasks;
- 6) *higher education* - a set of systematized knowledge, skills and practical skills, ways of thinking, professional, ideological and civic qualities, moral and ethical values, other competences acquired in a higher educational establishment in the corresponding field of knowledge at a certain level of higher education, which the complexity is higher than the level of complete secondary education;
- 7) *higher educational establishment* - a separate type of establishment which is a legal entity of private or public law, acts in accordance with the license issued for conducting educational activities at certain levels of higher education, conducts scientific, scientific and technical, innovative and / or methodical activities, provides organization the educational process and the acquisition of higher education, postgraduate education, taking into account their vocations, interests and abilities;
- 8) *branch of knowledge* - the main subject area of education and science, which includes a group of related specialties, which are carried out vocational training;
- 9) *disciplinary competence* - the detailed competencies of the educational program and as a result of the decomposition of the specialist specialty (specialization) of a certain level of higher education;
- 10) The European Credit Transfer and Accumulation System (ECTS) is a transfer and accumulation system used in the European Higher Education Area to provide, recognize, confirm qualifications and educational components, and promotes academic mobility for higher education graduates. The system is based on determining the academic load of the higher education applicant required to achieve the defined learning outcomes and is accounted for in ECTS credits;

- 11) *diagnostic means* - documents approved in accordance with the established procedure, and intended to establish the degree of achievement of the planned level of formation of competencies of the student in control activities;
- 12) *applicants for higher education* - persons studying at a higher educational establishment at a certain level of higher education in order to obtain the appropriate degree and qualification;
- 13) *content module* - a set of skills, knowledge, values that ensure the implementation of a certain competence;
- 14) *knowledge* - scientific information comprehended and learned by a person, which is the basis of his conscious, purposeful activity. Knowledge is divided into empirical (factual) and theoretical (conceptual, methodological);
- 15) *integral competence* - a generalized description of the qualification level, which expresses the basic competency characteristics of the level of education and / or professional activity;
- 16) *integrated assessment* - the result of evaluation of specified tasks of different levels, taking into account the priority factor (the planned level of competence generation);
- 17) *information provision of a discipline* - means of training, which systematically sets out the basics of knowledge on a certain discipline at the level of contemporary achievements of science and culture, support for self-education and self-education (textbooks, study guides, teaching aids, teaching aids, textbooks, dictionaries, encyclopedias, reference books, etc.);
- 18) *qualification level* - the structural unit of the National Qualifications Framework, determined by a certain set of competencies that are typical for qualifications of this level;
- 19) *qualification* - the official result of evaluation and recognition obtained when the authorized competent authority has established that the person has attained the competencies (results of training) according to the prescribed standards;
- 20) *competency / competencies (according to NQF)* - the ability of a person to perform a certain type of activity, expressed through knowledge, understanding, skills, values, other personal qualities;
- 21) *communication* - the interconnection of subjects for the purpose of information transfer, coordination of actions, joint activities;
- 22) *credit of the European Credit Transfer and Accumulation System (hereinafter - ECTS credit)* is the unit of measurement of the amount of study load of the applicant of higher education necessary to achieve the (expected) learning outcomes. The scope of one ECTS credit is 30 hours.
The load of one academic year per full-time education is, as a rule, 60 ECTS credits;
- 23) *Master's degree* is an educational degree obtained at the second level of higher education and awarded by a higher educational establishment as a result of successful completion of a relevant education program by a higher education student. A master's degree is acquired through an educational-professional or an educational-scientific program;

- 24) *methodical provision of educational discipline* - recommendations to support the student's educational activity in all types of training sessions, including, including information on the means and procedure of control measures, their form and content, methods for solving exercises, sources of information;
- 25) *modular control* - assessment of the level of achievement by the student of the planned level of competence generation by type of training;
- 26) *junior bachelor* is an educational-professional degree obtained at the initial level (short cycle) of higher education and awarded by a higher educational establishment as a result of successful completion of a higher education curriculum of an educational-professional program amounting to 90-120 ECTS credits;
- 27) *educational discipline* - a set of modules to be subject to final control;
- 28) *educational element* - the minimum educational information of an independent semantic value (concept, phenomenon, relation, algorithms);
- 29) *object of diagnostics* - competence, the mastery of which is provided by a certain type of educational activity of the applicant;
- 30) *educational process* - is an intellectual, creative activity in the field of higher education and science, which is carried out in a higher educational establishment (scientific establishment) through a system of scientific-methodical and pedagogical measures and is aimed at the transfer, mastering, multiplication and use of knowledge, skills and other competences of the learners, as well as the formation of a harmoniously developed personality.
- 31) *educational (educational-professional or educational-scientific) program* - a system of educational components at the appropriate level of higher education within the specialty, which defines the requirements for the level of education of persons who can begin training under this program, the list of academic disciplines and the logical sequence of their study, the number of ECTS credits required for the implementation of this program, as well as expected learning outcomes (competencies) that the applicant of the relevant higher education level must possess;
- 32) *educational activity* - activity of higher educational establishments, which is carried out with the purpose of providing higher, postgraduate education and meeting other educational needs of higher education and other persons;
- 33) *final control* - a comprehensive assessment of the planned level of the formation of disciplinary competencies;
- 34) *current control* - assessment of the student's acquisition of educational material during the classroom training session (interviewing students at lectures, checking and receiving reports on laboratory work, testing, etc.);
- 35) *discipline program* - a normative document defining the content of the discipline in accordance with the educational program, developed by the department, which is fixed by the order of the rector for teaching discipline;
- 36) *learning outcomes* (Law of Ukraine "On Higher Education") - a set of knowledge, skills, skills and other competences acquired by a person in the process of studying in a certain educational-professional, educational-scientific program that can be identified, quantified and measured;

- 37) *learning outcomes (National Qualifications Framework)* - competence (knowledge, understanding, skills, values, other personal qualities) that acquires and / or demonstrates the person after completing the training;
- 38) *the level of the formation of disciplinary competence* - the proportion of correct answers or performed essential transactions from the total number of questions or significant transactions of the decision benchmark;
- 39) *work program of discipline* - a normative document developed on the basis of the program of discipline in accordance with the annual curriculum (contains the distribution of total time for the acquisition of separate educational elements and modules by types of training classes and forms of training);
- 40) *independent work* - activity of a student on the study of educational elements and content modules, mastering of planned competencies, performance of individual tasks, preparation for examinations;
- 41) *specialization* is a component of a specialty determined by a higher educational establishment and provides a specialized educational or vocational or educational program for the training of applicants for higher and postgraduate education;
- 42) *specialty* - a component of the field of knowledge, which is carried out vocational training;
- 43) *the standard of higher education* is a set of requirements for the content and results of educational activities of higher educational establishments and scientific establishments at each level of higher education within each specialty;
- 44) *the standard of educational activity* is a set of minimum requirements for personnel, educational, methodological, material and technical and information support of educational process of a higher educational establishment and a scientific establishment;
- 45) *ability* - the ability to apply knowledge to accomplish tasks and solve problems and problems. Skills are divided into cognitive (intellectual-creative) and practical (based on skill using methods, materials, instructions, and tools).
- 46) *the quality of higher education* is the level of knowledge, skills and other competences acquired by a person that reflects his or her competence in accordance with higher education standards.

1.4. Abbreviations

NQF - National Qualifications Framework;

GK - general competencies;

CLO - general learning outcomes;

PCS - professional competence in specialty;

PLO - professional learning outcomes;

N - normative type of educational activity in the specialty;

S - selective educational activity;

2. COMPETENCIES OF GRADUATES

Integral competence - the ability to solve complex problems and problems in the field of health by the specialty "Dentistry" in professional activity or in the process of study, which involves conducting research and / or innovations and characterized by uncertainty of conditions and requirements.

2.1. General competencies in specialty 221 Dentistry (according to the requirements of the NQF)

GC 1	The ability for abstract thinking, analysis and synthesis; the ability to learn and be trained today.
GC 2	Knowledge and understanding of the subject area and understanding of the profession.
GC 3	Ability to apply knowledge in practical situations.
GC 4	Ability to communicate in the state language both verbally and in writing; Ability to communicate in the second language.
GC 5	Skills of using information and communication technologies.
GC 6	Ability to search, process and analyze information from various sources.
GC 7	Ability to adapt and act in a new situation; ability to work autonomously.
GC 8	Ability to identify, set and solve problems.
GC 9	Ability to choose a communication strategy.
GC10	Ability to work in a team.
GC11	Interpersonal skills.
GC12	Ability to act on the basis of ethical considerations (motives).
GC13	Skills for safe operation.
GC14	Ability to assess and ensure the quality of work performed.
GC15	The desire to save the environment.
GC16	Ability to act in a socially responsible and civic conscious manner.

2.2. Professional competencies of a graduate in specialty 221 Dentistry

A generalized object of professional activity - preservation of health, in particular dental, prevention and treatment of dental human diseases.

Professional competence of the master's degree - the ability to implement such professional duties by type of activity:

PC1	Collection of medical information on the patient's condition.
PC2	Evaluation of the results of laboratory and instrumental research.
PC3	Establishment of a clinical diagnosis of dental disease.
PC4	Diagnosis of urgent conditions.
PC5	Planning and conducting preventive measures for dental diseases.
PC6	Determination of the nature and principles of the treatment of dental diseases.
PC7	Determination of the necessary mode of work and rest, diet in the treatment of dental diseases.
PC8	Determination of the tactics of dental patient management in somatic pathology.
PC9	Execution of medical and dental manipulations.
PC10	Conduct treatment of basic dental diseases.
PC11	Organization of medical and evacuation activities.
PC12	Definition of tactics and provision of emergency medical care.
PC13	Organization and conducting of dental medical examination of persons subject to dispensary supervision.
PC14	Assessment of the environmental impact on the health of the population (individual, family, population).

PC15	Maintaining medical records.
PC16	Development of state, social and medical information.

3. NORMATIVE AND VARIATIVE CONTENT OF TRAINING, FORMATED IN TERMS OF RESULTS OF TEACHING

Learning outcomes in the cognitive field.		
PLO 1	Identify leading clinical symptoms and syndromes (list 1); according to standard methods, using preliminary data of anamnesis of a patient, data of examination of a patient, knowledge of anatomy, its organs and systems, to establish a probable nosological or syndromic pre-clinical diagnosis of dental disease (in list 2).	GC1, GC2, GC3, GC4, GC5, GC6, GC7, GC8, GC9, GC11, GC12, GC14, GC16; PC1, PC3, PC4, PC15.
PLO 2	To collect information on the general condition of the patient, to assess the psychomotor and physical development of the patient, the state of the maxillofacial area, based on the results of laboratory and instrumental studies, to evaluate information about the diagnosis (in list 5).	GC1, GC2, GC3, GC4, GC5, GC6, GC7, GC8, GC9, GC10, GC11, GC12, GC 13, GC14, GC16; PC1, PC2, PC3, PC4, PC5, PC6, PC7, PC8, PC11, PC12, PC14, PC15, PC16
PLO 3	Assign and analyze a laboratory, functional and / or instrumental examination (on the list 5) of a patient with dental disease for differential diagnostics of diseases (for list 2).	GC1, GC2, GC3, GC4, GC7, GC8, GC9, GC10, GC11, GC12, GC13, GC14; PC1, PC2, PC15.
PLO 4	Determine final clinical diagnosis, observing the relevant ethical and legal norms, by making a reasonable decision and logical analysis of the received subjective and objective data of the clinical, additional examination, the conduct of differential diagnosis under the control of the doctor-supervisor in the conditions of the medical establishment (on the list 2.1) .	GC1, GC2, GC3, GC4, GC5, GC6, GC7, GC18, GC9, GC10, GC14, GC16; PC1, PC2, PC3, PC4, PC15.
PLO 5	Establish a diagnosis of urgent conditions under any circumstances (at home, on the street, at a medical establishment), in emergency situations, martial law, lack of information and limited time (in list 4).	GC1, GC2, GC3, GC4, GC5, GC6, GC7, GC8, GC9, GC10, GC11, GC13, GC14, GC15, GC16;

		PC1, PC2, PC4, PC15.
PLO 6	Planning and implementing preventive measures for dental diseases among the population to prevent the spread of dental diseases.	GC1, GC2, GC3, GC4, GC5, GC6, GC7, GC8, GC9, GC10, GC11, GC12, GC13, GC14, GC15, GC16; PC1, PC5, PC13, PC14, PC15, PC16.
PLO 7	To analyze the epidemiological state and carry out measures of mass and individual, general and local medical and non-pharmacological prevention of dental diseases.	GC1, GC2, GC3, GC4, GC5, GC6, GC8, GC9, GC10, GC11, GC12, GC13, GC14, GC15, GC16; PC1, PC5, PC13, PC14, PC15, PC16.
PLO 8	Determine the nature of the treatment of dental disease (in list 2) by making a well-founded decision based on existing algorithms and standard schemes.	GC1, GC2, GC3, GC5, GC6, GC7, GC8, GC12, GC13, GC14, GC16; PC1, PC6, PC15.
PLO 9	To determine the nature, principles of work, rest and the necessary diet in the treatment of dental diseases (in list 2) on the basis of a preliminary or final clinical diagnosis by making a well-founded decision based on existing algorithms and standard schemes.	GC1, GC2, GC3, GC4, GC5, GC6, GC7, GC8, GC9, GC10, GC11, GC12, GC13, GC15, GC16; PC1, PC7, PC15.
PLO 10	Determine the tactics of managing a dental patient with somatic pathology (in List 3) by making a well-founded decision based on existing algorithms and standard schemes.	GC1, GC2, GC3, GC4, GC5, GC6, GC7, GC8, GC10, GC12, GC13, GC14, GC16; PC1, PC7, PC8, PC15
PLO 11	Conduct treatment of basic dental diseases according to existing algorithms and standard circuits under the supervision of a physician-supervisor in the conditions of a medical establishment (in list 2.1).	GC1, GC2, GC3, GC4, GC7, GC8, GC9, GC10, GC11, GC12, GC13, GC14, GC15, GC16; PC1, PC9, PC10, PC15.
PLO 12	Organize conducting of medical evacuation measures among the population, servicemen, in	GC1, GC2, GC3, GC4, GC5, GC6,

	conditions of an emergency, including martial law, during the deployed stages of medical evacuation, taking into account the existing system of treatment and evacuation support.	GC7, GC8, GC9, GC10, GC11, GC12, GC13, GC14, GC15, GC16; PC1, PC11, PC15.
PLO 13	Determine the tactics of providing emergency medical care using recommended algorithms, under all circumstances based on a diagnosis of urgent condition in a limited time (on the list 4).	GC1, GC2, GC3, GC4, GC5, GC6, GC7, GC8, GC9, GC10, GC11, GC12, GC13, GC14, GC15, GC16; PC1, PC12, PC15
PLO 14	Analyze and evaluate public, social and medical information using standard approaches and computer information technologies.	GC1, GC2, GC3, GC4, GC5, GC6, GC8, GC10, GC11, GC13, GC14, GC15, GC16; PC13, PC15, PC16.
PLO 15	To evaluate the environmental impact on the health of the population in the conditions of a medical establishment according to standard methods.	GC1, GC2, GC3, GC5, GC6, GC7, GC10, GC11, GC13, GC14, GC15, GC16; PC13, PC14, PC15, PC16.
Learning outcomes in the emotional sphere.		
GO1	Formulate goals and define the structure of personal activity based on the results of the analysis of certain social and personal needs.	GC1, GC2, GC3, GC4, GC5, GC6, GC7, GC8, GC9, GC10, GC11, GC12, GC13, GC14, GC15, GC16; PC1, PC5, PC6, PC7, PC8, PC9, PC10, PC11, PC12, PC13, PC14.
GO 2	Maintain a healthy lifestyle, use self-regulation and self-control techniques.	GC1, GC2, GC3, GC5, GC6, GC11, GC12, GC13, GC15, GC16; PC5, PC14.
GO 3	To be aware and guided in their activities by civil rights, freedoms and duties, and to raise the general cultural level.	GC4, GC5, GC6, GC9, GC10, GC11, GC12, GC13, GC14, GC15, GC16; PC5, PC13, PC14, PC16.
GO 4	Adhere to ethical, bioethical and deontological	GC1, GC2, GC3,

	requirements in their professional activities.	GC4, GC9, GC10, GC11, GC12, GC13, GC15, GC16; PC1, PC5, PC7, PC9, PC10, PC11, PC12, PC13, PC14, PC15, PC16.
GO 5	To organize the necessary level of individual safety (own and persons` cared for) in case of the occurrence of typical hazardous situations in the individual field of activity.	GC1, GC2, GC3, GC5, GC9, GC10, GC11, GC12, GC13, GC14, GC15, GC16; PC1, PC5, PC6, PC9, PC10, PC11, PC12, PC13, PC14, PC15.
Training outcomes of in the psychomotor sphere.		
PO16	Perform medical manipulations based on the previous and / or final clinical diagnosis (for lists 2, 2.1) for different populations and under different conditions (in list 6).	GC1, GC2, GC3, GC7, GC9, GC10, GC11, GC13. GC14, GC15; PC9, PC10, PC11, PC12.
PO 17	Perform medical stomatological manipulations based on the previous and / or final clinical diagnosis (for lists 2, 2.1) for different population groups and under different conditions (in list 7).	GC1, GC2, GC5, GC6, GC8, GC9, GC10, GC11, GC13, GC14, GC15; PC9, PC10, PC11, PC12.
PO 18	Perform emergency emergency manipulation using standard systems, under any circumstances, based on a diagnosis of emergency status (on list 4) in limited time (Lists 6, 7).	GC1, GC2, GC3, GC4, GC5, GC6, GC8, GC9, GC10, GC11, GC13, GC14, GC15, GC16; PC9, PC10, PC11, PC12.

4. REQUIREMENTS FOR PREVIOUS EDUCATIONAL LEVEL

A person has the right to obtain a Master's degree in specialty 221 "Dentistry" only in full-time form on the basis of of general secondary education.

5. SCOPE OF THE PROGRAM BY NORMATIVE SELECTIVE PARTS

The number of ECTS credits required for a Master`s higher education degree, in specialty 221 "Dentistry" on the basis of full secondary education is 312.6 credits.

A minimum of 75% of the scope of the educational program should be directed to the formation of general and special (professional) competencies in the specialty defined by the standard of higher education.

6. DISTRIBUTION OF EDUCATIONAL RESULTS BY TYPES OF EDUCATIONAL ACTIVITIES

Program learning outcomes		Names of academic disciplines, individual tasks
1		2
Normative content of training		
Humanitarian and socio-economic training		
GO1	Formulate goals and define the structure of personal activity based on the results of the analysis of certain social and personal needs.	Foreign language, Ukrainian language (for professional use), History of Ukraine and ukrainian culture, Philosophy
GO2	Maintain a healthy lifestyle, use self-regulation and self-control techniques.	Philosophy
GO3	To be aware and guided in their activities by civil rights, freedoms and duties, and to raise the general cultural level.	Foreign language, Ukrainian language (for professional use), History of Ukraine and ukrainian culture, Philosophy
GO4	Adhere to ethical, bioethical and deontological requirements in their professional activities.	Foreign language, Ukrainian language (for professional use), History of Ukraine and ukrainian culture, Philosophy
GO5	To organize the necessary level of individual safety (own and persons` cared for) in case of the occurrence of typical hazardous situations in the individual field of activity.	Foreign language, Ukrainian language (for professional use), History of Ukraine and ukrainian culture, Philosophy
PO1	Identify leading clinical symptoms and syndromes (list 1); according to standard methods, using preliminary data of anamnesis of a patient, data of examination of a patient, knowledge human anatomy, organs and systems, to establish a probable nosological or syndromic pre-clinical diagnosis of dental disease (by list No.2).	Foreign language, Ukrainian language (for professional use)
PO2	To collect information on the general condition of the patient, to assess the psychomotor and physical development of the patient, the state of the maxillofacial area, based on the results of laboratory tests and instrumental examinations, to evaluate information about the diagnosis (in list 5).	Foreign language, Ukrainian language (for professional use)
PO3	Assign and analyze a laboratory, functional and / or instrumental examination (by list No.5) of a patient with dental disease for differential diagnostics of diseases (by list No.2).	Foreign language, Ukrainian language (for professional use)

PO4	Determine final clinical diagnosis, observing the relevant ethical and legal norms, by making a reasonable decision and logical analysis of the received subjective and objective data of the clinical, additional examination, the conduct of differential diagnosis under the control of the doctor-supervisor in the conditions of the medical establishment (by list No.2.1) .	Foreign language, Ukrainian language (for professional use)
PO5	Establish a diagnosis of urgent conditions under any circumstances (at home, on the street, at a medical establishment), in emergency situations, martial law, lack of information and limited time (by list No.4).	Foreign language, Ukrainian language (for professional use)
PO6	Planning and implementing preventive measures for dental diseases among the population to prevent the spread of dental diseases.	Foreign language, Ukrainian language (for professional use)
PO7	To analyze the epidemiological state and carry out measures of mass and individual, general and local medical and non-pharmacological prevention of dental diseases.	Foreign language, Ukrainian language (for professional use)
PO8	Determine the nature of the treatment of dental disease (by list No.2) by making a well-founded decision based on existing algorithms and standard schemes.	Foreign language, Ukrainian language (for professional use)
PO9	To determine the nature, principles of work, rest and the necessary diet in the treatment of dental diseases (by list No.2) on the basis of a preliminary or final clinical diagnosis by making a well-founded decision based on existing algorithms and standard schemes.	Foreign language, Ukrainian language (for professional use)
PO10	Determine the tactics of managing a dental patient with somatic pathology (by list No.3) by making a well-founded decision based on existing algorithms and standard schemes.	Foreign language, Ukrainian language (for professional use)
PO11	Conduct treatment of major dental diseases by existing algorithms and standard patterns under the supervision of a doctor-supervisor in a medical establishment (by list No.2.1).	Foreign language, Ukrainian language (for professional use)
PO12	Organize conducting of medical-evacuation measures among the population, servicemen, under conditions of an emergency, including martial law, during the deployed stages of medical evacuation, taking into account the existing system of treatment and evacuation support.	Foreign language, Ukrainian language (for professional use)
PO13	Determine the tactics of providing emergency medical care using recommended algorithms, under all circumstances based on a diagnosis of urgent condition in a limited time (by list No.4).	Foreign language, Ukrainian language (for professional use)
PO14	Analyze and evaluate public, social and medical information using standard approaches and computer information technologies.	Foreign language, Ukrainian language (for professional use)
PO15	To evaluate the environmental impact on the health of the population under conditions of a medical establishment according to standard methods.	Foreign language, Ukrainian language (for professional use)
PO16	Perform medical manipulations based on the previous	Foreign language, Ukrainian

	and / or final clinical diagnosis (for lists 2, 2.1) for different populations and under different conditions (by list No.6).	language (for professional use)
PO17	Perform medical stomatological manipulations based on the previous and / or final clinical diagnosis (by lists No.2, 2.1) for different population groups and under different conditions (by list No.7).	Foreign language, Ukrainian language (for professional use)
PO18	Perform emergency manipulations using standard schemes, under any circumstances, based on a diagnosis of emergency status (by list No.4) in limited time (by lists No.6, 7).	Foreign language, Ukrainian language (for professional use)
Natural science training		
GO1	Formulate goals and define the structure of personal activity based on the results of the analysis of certain social and personal needs.	History of medicine Medical informatics
GO2	Maintain a healthy lifestyle, use self-regulation and self-control techniques.	History of medicine Human anatomy Histology, and embriology Physiology Microbiology, virology and immunology
GO3	To be aware and guided in their activities by civil rights, freedoms and duties, and to raise the general cultural level.	Latin language and medical terminology History of medicine Foreign language (for professional use)
GO4	Adhere to ethical, bioethical and deontological requirements in their professional activities.	History of medicine
GO5	To organize the necessary level of individual safety (own and persons` cared for) in case of the occurrence of typical hazardous situations in the individual field of activity.	Medical biology Biological and bioorganic chemistry Physiology Microbiology, virology and immunology
PO1	Identify leading clinical symptoms and syndromes (list No.1); according to standard methods, using preliminary data of anamnesis of a patient, data of examination of a patient, knowledge of human anatomy, organs and systems, to establish a probable nosological or syndromic pre-clinical diagnosis of dental disease (by list No.2).	Latin language and medical terminology History of medicine Medical biology Biological and bioorganic chemistry Human anatomy Histology, cytology and embriology Physiology Microbiology, virology and immunology
PO2	To collect information on the general condition of the patient, to assess the psychomotor and physical development of the patient, the state of the maxillofacial area, based on the results of laboratory and instrumental studies, to evaluate information about the diagnosis (by list No.5).	Latin language and medical terminology Biological and bioorganic chemistry Human anatomy Histology, cytology and

		embriology Physiology Microbiology, virology and immunology
PO3	Assign and analyze a laboratory, functional and / or instrumental examination (on the list 5) of a patient with dental disease for differential diagnostics of diseases (for list 2).	Biological and bioorganic chemistry Human anatomy Histology, cytology and embriology Physiology Microbiology, virology and immunology
PO4	Determine final clinical diagnosis, observing the relevant ethical and legal norms, by making a reasonable decision and logical analysis of the received subjective and objective data of the clinical, additional examination, the conduct of differential diagnosis under the control of the doctor-supervisor in the conditions of the medical establishment (on the list 2.1) .	Latin language and medical terminology Biological and bioorganic chemistry Human anatomy Histology, cytology and embriology Physiology Microbiology, virology and immunology
PO5	Establish a diagnosis of urgent conditions under any circumstances (at home, on the street, at a medical establishment), in emergency situations, martial law, lack of information and limited time (in list 4).	Latin language and medical terminology Biological and bioorganic chemistry Human anatomy Histology, cytology and embriology Physiology Microbiology, virology and immunology
PO6	Planning and implementing preventive measures for dental diseases among the population to prevent the spread of dental diseases.	Biological and bioorganic chemistry Human anatomy Histology, cytology and embriology Foreign language (for professional use) Physiology Microbiology, virology and immunology
PO7	To analyze the epidemiological state and carry out measures of mass and individual, general and local medical and non-pharmacological prevention of dental diseases.	Biological and bioorganic chemistry Human anatomy Histology, cytology and embriology Foreign language (for professional use) Physiology Microbiology, virology and immunology

		Medical informatics
PO8	Determine the nature of the treatment of dental disease (in list 2) by making a well-founded decision based on existing algorithms and standard schemes.	Latin language and medical terminology
PO9	To determine the nature, principles of work, rest and the necessary diet in the treatment of dental diseases (in list 2) on the basis of a preliminary or final clinical diagnosis by making a well-founded decision based on existing algorithms and standard schemes.	Biological and bioorganic chemistry Human anatomy Histology, cytology and embryology Physiology Microbiology, virology and immunology
PO10	Determine the tactics of managing a dental patient with somatic pathology (in List 3) by making a well-founded decision based on existing algorithms and standard schemes.	Biological and bioorganic chemistry Human anatomy Histology, cytology and embryology Physiology Microbiology, virology and immunology
PO11	Conduct treatment of major dental diseases by existing algorithms and standard patterns under the supervision of a doctor-supervisor in a medical establishment (in list 2.1).	Biological and bioorganic chemistry Human anatomy Histology, cytology and embryology Physiology Microbiology, virology and immunology
PO12	Organize conducting of medical-evacuation measures among the population, servicemen, in conditions of an emergency, including martial law, during the deployed stages of medical evacuation, taking into account the existing system of treatment and evacuation support.	Biological and bioorganic chemistry Human anatomy Histology, cytology and embryology Physiology Microbiology, virology and immunology
PO13	Determine the tactics of providing emergency medical care using recommended algorithms, under all circumstances based on a diagnosis of urgent condition in a limited time (by list No.4).	Biological and bioorganic chemistry Human anatomy Histology, cytology and embryology Physiology Microbiology, virology and immunology
PO14	Analyze and evaluate public, social and medical information using standard approaches and computer information technologies.	Latin language and medical terminology Foreign language (for professional use) Medical informatics
PO15	To evaluate the environmental impact on the health of the population in the conditions of a medical establishment according to standard methods.	Medical biology Biological and bioorganic chemistry

		Human anatomy Histology, cytology and embryology Physiology Microbiology, virology and immunology Medical informatics
PO16	Perform medical manipulations based on the previous and / or final clinical diagnosis (for lists 2, 2.1) for different populations and under different conditions (in list 6).	Biological and bioorganic chemistry Human anatomy Histology, cytology and embryology Physiology Microbiology, virology and immunology
PO17	Perform medical stomatological manipulations based on the previous and / or final clinical diagnosis (for lists 2, 2.1) for different population groups and under different conditions (in list 7).	Biological and bioorganic chemistry Human anatomy Histology, cytology and embryology Physiology Microbiology, virology and immunology
PO18	Perform emergency manipulations using standard circuits, under any circumstances, based on a diagnosis of emergency status (on list 4) in limited time (Lists 6, 7).	Biological and bioorganic chemistry Human anatomy Histology, cytology and embryology Physiology Microbiology, virology and immunology
Professional training		
GO1	Formulate goals and define the structure of personal activity based on the results of the analysis of certain social and personal needs.	Health security; Principles of bioethics and biosafety Hygiene and ecology Medical law of Ukraine Social medicine, public health Occupational safety
GO2	Maintain a healthy lifestyle, use self-regulation and self-control techniques.	Health security; Principles of bioethics and biosafety Propedeutics of internal medicine Hygiene and ecology Social medicine, public health and basics of evidence-based medicine Prevention of dental diseases Social medicine, public health
GO3	To be aware and guided in their activities by civil rights, freedoms and duties, and to raise the general cultural level.	Health security; Principles of bioethics and biosafety Social medicine, public health and basics of evidence-based

		<p>medicine</p> <p>Medical law of Ukraine</p> <p>Social medicine, public health</p>
GO4	Adhere to ethical, bioethical and deontological requirements in their professional activities.	<p>Health security; Principles of bioethics and biosafety</p> <p>Clinical anatomy and operative surgery</p> <p>Propedeutics of internal medicine</p> <p>Hygiene and ecology</p> <p>Propedeutics of therapeutic dentistry</p> <p>Propedeutics of prosthetic dentistry</p> <p>Propedeutics of pediatric therapeutic dentistry</p> <p>Pathomorphology</p> <p>Patophysiology</p> <p>Pharmacology</p> <p>Internal medicine (including infectious diseases and epidemiology, clinical Pharmacology)</p> <p>Surgery, including oncology and neurosurgery</p> <p>Social medicine, public health and basics of evidence-based medicine</p> <p>Radilogy</p> <p>Forensic medicine (dentistry).</p> <p>Medical law of Ukraine</p> <p>Prevention of dental diseases</p> <p>Therapeutic dentistry</p> <p>Oral surgery</p> <p>Prosthetic dentistry</p> <p>Orthodontics</p> <p>Phthysiology</p> <p>Pediatrics</p> <p>Obstetrics</p> <p>Pediatric therapeutic dentistry</p> <p>Pediatric oral surgery</p> <p>Social medicine, public health</p> <p>Urgent and emergency medical care</p> <p>Occupational safety</p> <p>General medical training</p> <p>Otorhinolaryngology</p> <p>Reserve officers training in the field of Public Health; Major:</p> <p>Dentistry</p> <p>Clinical training</p>

GO5	To organize the necessary level of individual safety (own and persons` cared for) in case of the occurrence of typical hazardous situations in the individual field of activity.	Health security; Principles of bioethics and biosafety Propedeutics of internal medicine Hygiene and ecology Propedeutics of therapeutic dentistry Propedeutics of prosthetic dentistry Propedeutics of pediatric therapeutic dentistry Pathomorphology Patophysiology Pharmacology Internal medicine (including infectious diseases and epidemiology, clinical Pharmacology) Surgery, including oncology and neurosurgery Forensic medicine (dentistry). Medical law of Ukraine Prevention of dental diseases Therapeutic dentistry Oral surgery Prosthetic dentistry Orthodontics Phthysiology Pediatrics Obstetrics Pediatric therapeutic dentistry Pediatric oral surgery Urgent and emergency medical care Occupational safety General medical training Otorhinolaryngology Reserve officers training in the field of Public Health; Major: Dentistry Clinical training
PO1	Identify leading clinical symptoms and syndromes (list 1); according to standard methods, using preliminary data of anamnesis of a patient, data of examination of a patient, knowledge of a person, its organs and systems, to establish a probable nosological or syndromic pre-clinical diagnosis of dental disease (list 2).	Propedeutics of internal medicine Propedeutics of therapeutic dentistry Propedeutics of prosthetic dentistry Propedeutics of pediatric therapeutic dentistry Pathomorphology Patophysiology Pharmacology

		Internal medicine (including infectious diseases and epidemiology, clinical Pharmacology) Surgery, including oncology and neurosurgery Radilogy Prevention of dental diseases Therapeutic dentistry Oral surgery Prosthetic dentistry Orthodontics Phthysiology Pediatrics Obstetrics Pediatric therapeutic dentistry Pediatric oral surgery General medical training Otorhinolaryngology Clinical training
PO2	To collect information on the general condition of the patient, to assess the psychomotor and physical development of the patient, the state of the maxillofacial area, based on the results of laboratory and instrumental studies, to evaluate information about the diagnosis (by list No.5).	Health security; Principles of bioethics and biosafety Propedeutics of internal medicine Propedeutics of therapeutic dentistry Propedeutics of prosthetic dentistry Propedeutics of pediatric therapeutic dentistry Pathomorphology Patophysiology Pharmacology Internal medicine (including infectious diseases and epidemiology, clinical Pharmacology) Surgery, including oncology and neurosurgery Radilogy Prevention of dental diseases Therapeutic dentistry Oral surgery Prosthetic dentistry Orthodontics Phthysiology Pediatrics Obstetrics Pediatric therapeutic dentistry Pediatric oral surgery General medical training Otorhinolaryngology

		Clinical training
PO3	Assign and analyze a laboratory, functional and / or instrumental examination (on the list 5) of a patient with dental disease for differential diagnostics of diseases (for list 2).	Propedeutics of therapeutic dentistry Propedeutics of prosthetic dentistry Propedeutics of pediatric therapeutic dentistry Pathomorphology Patophysiology Radiology Prevention of dental diseases Therapeutic dentistry Oral surgery Prosthetic dentistry Orthodontics Pediatric therapeutic dentistry Pediatric oral surgery Clinical training
PO4	Determine final clinical diagnosis, observing the relevant ethical and legal norms, by making a reasonable decision and logical analysis of the received subjective and objective data of the clinical, additional examination, the conduct of differential diagnosis under the control of the doctor-supervisor in the conditions of the medical establishment (on the list 2.1) .	Propedeutics of therapeutic dentistry Propedeutics of prosthetic dentistry Propedeutics of pediatric therapeutic dentistry Pathomorphology Patophysiology Radiology Prevention of dental diseases Therapeutic dentistry Oral surgery Prosthetic dentistry Orthodontics Pediatric therapeutic dentistry Pediatric oral surgery Clinical training
PO5	Establish a diagnosis of urgent conditions under any circumstances (at home, on the street, at a medical establishment), in emergency situations, martial law, lack of information and limited time (by list No.4).	Internal medicine (including infectious diseases and epidemiology, clinical pharmacology) Surgery, including oncology and neurosurgery Radiology Therapeutic dentistry Oral surgery Phthysiology Pediatrics Obstetrics Pediatric therapeutic dentistry Pediatric oral surgery Urgent and emergency medical care Occupational safety

		General medical training Otorhinolaryngology Clinical training
PO6	Planning and implementing preventive measures for dental diseases among the population to prevent the spread of dental diseases.	Internal medicine (including infectious diseases and epidemiology, clinical Pharmacology) Surgery, including oncology and neurosurgery Social medicine, public health and basics of evidence-based medicine Prevention of dental diseases Oral surgery Prosthetic dentistry Orthodontics Pediatric therapeutic dentistry Pediatric oral surgery General medical training Otorhinolaryngology Clinical training
PO7	To analyze the epidemiological state and carry out measures of mass and individual, general and local medical and non-pharmacological prevention of dental diseases.	Internal medicine (including infectious diseases and epidemiology, clinical Pharmacology) Surgery, including oncology and neurosurgery Social medicine, public health and basics of evidence-based medicine Prevention of dental diseases Oral surgery Prosthetic dentistry Orthodontics Pediatric therapeutic dentistry Pediatric oral surgery General medical training Otorhinolaryngology Clinical training
PO8	Determine the nature of the treatment of dental disease (by list No.2) by making a well-founded decision based on existing algorithms and standard schemes.	Propedeutics of therapeutic dentistry Propedeutics of prosthetic dentistry Propedeutics of pediatric therapeutic dentistry Pharmacology Therapeutic dentistry Oral surgery Prosthetic dentistry Orthodontics Pediatric therapeutic dentistry Pediatric oral surgery

		Clinical training
PO9	To determine the nature, principles of work, rest and the necessary diet in the treatment of dental diseases (by list No.2) on the basis of a preliminary or final clinical diagnosis by making a well-founded decision based on existing algorithms and standard schemes.	Propedeutics of therapeutic dentistry Propedeutics of prosthetic dentistry Propedeutics of pediatric therapeutic dentistry Pharmacology Therapeutic dentistry Oral surgery Prosthetic dentistry Orthodontics Pediatric therapeutic dentistry Pediatric oral surgery Clinical training
PO10	Determine the tactics of managing a dental patient with somatic pathology (by list No.3) by making a well-founded decision based on existing algorithms and standard schemes.	Propedeutics of internal medicine Propedeutics of therapeutic dentistry Propedeutics of prosthetic dentistry Propedeutics of pediatric therapeutic dentistry Internal medicine (including infectious diseases and epidemiology, clinical Pharmacology) Surgery, including oncology and neurosurgery Therapeutic dentistry Oral surgery Prosthetic dentistry Orthodontics Phthysiology Pediatrics Obstetrics Pediatric therapeutic dentistry Pediatric oral surgery General medical training Otorhinolaryngology Clinical training
PO11	Conduct treatment of major dental diseases by existing algorithms and standard patterns under the supervision of a doctor-supervisor in a medical establishment (by list No.2.1).	Propedeutics of therapeutic dentistry Propedeutics of prosthetic dentistry Propedeutics of pediatric therapeutic dentistry Pharmacology Therapeutic dentistry Oral surgery Prosthetic dentistry Orthodontics

		Pediatric therapeutic dentistry Pediatric oral surgery Clinical training
PO12	Organize conducting of medical-evacuation measures among the population, servicemen, in conditions of an emergency, including martial law, during the deployed stages of medical evacuation, taking into account the existing system of treatment and evacuation support.	Health security; Principles of bioethics and biosafety Urgent and emergency medical care Reserve officers training in the field of Public Health; Major: Dentistry
PO13	Determine the tactics of providing emergency medical care using recommended algorithms, under all circumstances based on a diagnosis of urgent condition in a limited time (on the list 4).	Health security; Principles of bioethics and biosafety Internal medicine (including infectious diseases and epidemiology, clinical Pharmacology) Surgery, including oncology and neurosurgery Therapeutic dentistry Oral surgery Pediatrics Obstetrics Pediatric therapeutic dentistry Pediatric oral surgery Urgent and emergency medical care General medical training Otorhinolaryngology
PO14	Analyze and evaluate public, social and medical information using standard approaches and computer information technologies.	Health security; Principles of bioethics and biosafety Hygiene and ecology Social medicine, public health and basics of evidence-based medicine
PO15	To evaluate the environmental impact on the health of the population in the conditions of a medical establishment according to standard methods.	Health security; Principles of bioethics and biosafety Hygiene and ecology Social medicine, public health and basics of evidence-based medicine
PO16	Perform medical manipulations based on the previous and / or final clinical diagnosis (for lists 2, 2.1) for different populations and under different conditions (by list No.6).	Propedeutics of internal medicine Propedeutics of therapeutic dentistry Propedeutics of prosthetic dentistry Propedeutics of pediatric therapeutic dentistry Internal medicine (including infectious diseases and epidemiology, clinical Pharmacology)

		Surgery, including oncology and neurosurgery Prevention of dental diseases Therapeutic dentistry Oral surgery Prosthetic dentistry Phthysiology Pediatrics Obstetrics Pediatric therapeutic dentistry Pediatric oral surgery Urgent and emergency medical care Otorhinolaryngology Clinical training
PO17	Perform medical stomatological manipulations based on the previous and / or final clinical diagnosis (for lists 2, 2.1) for different population groups and under different conditions (by list No.7).	Propedeutics of therapeutic dentistry Propedeutics of prosthetic dentistry Propedeutics of pediatric therapeutic dentistry Prevention of dental diseases Therapeutic dentistry Oral surgery Prosthetic dentistry Orthodontics Pediatric therapeutic dentistry Pediatric oral surgery Clinical training
PO18	Perform emergency manipulations using standard schemes, under any circumstances, based on a diagnosis of emergency status (on list 4) in limited time (Lists 6, 7).	Clinical anatomy and operative surgery Propedeutics of internal medicine Propedeutics of therapeutic dentistry Propedeutics of prosthetic dentistry Propedeutics of pediatric therapeutic dentistry Internal medicine (including infectious diseases and epidemiology, clinical Pharmacology) Surgery, including oncology and neurosurgery Therapeutic dentistry Oral surgery Prosthetic dentistry Orthodontics Pediatrics Obstetrics

		Pediatric therapeutic dentistry Pediatric oral surgery Urgent and emergency medical care Otorhinolaryngology Clinical training
Variable training cycle		
GO1	Formulate goals and define the structure of personal activity based on the results of the analysis of certain social and personal needs.	Elective courses
GO2	Maintain a healthy lifestyle, use self-regulation and self-control techniques.	Elective courses
GO3	To be aware and guided in their activities by civil rights, freedoms and duties, and to raise the general cultural level.	Elective courses
GO4	Adhere to ethical, bioethical and deontological requirements in their professional activities.	Elective courses
GO5	To organize the necessary level of individual safety (own and persons` cared for) in case of the occurrence of typical hazardous situations in the individual field of activity.	Elective courses
PO1	Identify leading clinical symptoms and syndromes (list 1); according to standard methods, using preliminary data of anamnesis of a patient, data of examination of a patient, knowledge of a person, its organs and systems, to establish a probable nosological or syndromic pre-clinical diagnosis of dental disease (by list No.2).	Elective courses
PO2	To collect information on the general condition of the patient, to assess the psychomotor and physical development of the patient, the state of the maxillofacial area, based on the results of laboratory and instrumental examinations, to evaluate information about the diagnosis (by list No.5).	Elective courses
PO3	Assign and analyze a laboratory, functional and / or instrumental examination (on the list 5) of a patient with dental disease for differential diagnostics of diseases (for list 2).	Elective courses
PO4	Determine final clinical diagnosis, observing the relevant ethical and legal norms, by making a reasonable decision and logical analysis of the received subjective and objective data of the clinical, additional examination, the conduct of differential diagnosis under the control of the doctor-supervisor in the conditions of the medical establishment (on the list 2.1).	Elective courses
PO5	Establish a diagnosis of urgent conditions under any circumstances (at home, on the street, at a medical establishment), in emergency situations, martial law, lack of information and limited time (by list No.4).	Elective courses
PO6	Planning and implementing preventive measures for dental diseases among the population to prevent the spread of dental diseases.	Elective courses
PO7	To analyze the epidemiological state and carry out measures of mass and individual, general and local medical and non-pharmacological prevention of dental diseases.	Elective courses
PO8	Determine the nature of the treatment of dental disease (by list No.2) by making a well-founded decision based on existing algorithms and standard schemes.	Elective courses
PO9	To determine the nature, principles of work, rest and the necessary diet in the treatment of dental diseases (by list No.2) on the basis of a preliminary or final clinical diagnosis by making a well-founded	Elective courses

	decision based on existing algorithms and standard schemes.	
PO10	Determine the tactics of managing a dental patient with somatic pathology (by list No.3) by making a well-founded decision based on existing algorithms and standard schemes.	Elective courses
PO11	Conduct treatment of major dental diseases by existing algorithms and standard patterns under the supervision of a doctor-supervisor in a medical establishment (by list No.2.1).	Elective courses
PO12	Organize conducting of medical-evacuation measures among the population, servicemen, in conditions of an emergency, including martial law, during the deployed stages of medical evacuation, taking into account the existing system of treatment and evacuation support.	Elective courses
PO13	Determine the tactics of providing emergency medical care using recommended algorithms, under all circumstances based on a diagnosis of urgent condition in a limited time (on the list 4).	Elective courses
PO14	Analyze and evaluate public, social and medical information using standard approaches and computer information technologies.	Elective courses
PO15	To evaluate the environmental impact on the health of the population in the conditions of a medical establishment according to standard methods.	Elective courses
PO16	Perform medical manipulations based on the previous and / or final clinical diagnosis (for lists 2, 2.1) for different populations and under different conditions (by list No.6).	Elective courses
PO17	Perform medical stomatological manipulations based on the previous and / or final clinical diagnosis (for lists 2, 2.1) for different population groups and under different conditions (by list No.7).	Elective courses
PO18	Perform emergency emergency manipulation using standard circuits, under any circumstances, based on a diagnosis of emergency status (on list 4) in limited time (Lists 6, 7).	Elective courses

Note:

The following table is required under the Licensing Conditions for the Educational Activities of Educational Establishments (Decree of the Cabinet of Ministers of Ukraine dated December 30, 2015, No. 1187).

7. DISTRIBUTION OF THE SCOPE OF THE PROGRAM BY EDUCATIONAL ACTIVITIES

NN	Name of the discipline	Credit
NORMATIVE PART		
Humanitarian and socio-economic training		
1	Foreign Language	3
2	Ukrainian language (for professional use)	3
3	History of Ukraine and Ukrainian culture	3
4	Philosophy	3

	Total	12,0
Natural science training		
5	Latin language and medical terminology	3
6	History of medicine	3
7	Medical biology	5
8	Medical and Biological Physics	4
9	Medical chemistry	3
10	Biological and bioorganic chemistry	8
11	Anatomy of man	11
12	Histology, cytology and embryology	7
13	Foreign language (in professional orientation)	3
14	Physiology	6
15	Microbiology, Virology and Immunology	5
16	Medical informatics	3
	Total	61,0
Professional training		
17	Life safety; the basis of bioethics and biosecurity	3
18	Clinical anatomy and operative surgery	3
19	Propaedeutics of internal medicine	3
20	Hygiene and ecology	3
21	Propaedeutics of therapeutic dentistry	4
22	Propedeutics of orthopedic dentistry	4
23	Propaedeutics of pediatric therapeutic dentistry	3
24	Pathomorphology	6
25	Pathophysiology	6
26	Pharmacology	6
27	Internal medicine (including infectious diseases and epidemiology,	7

	clinical pharmacology)	
28	Surgery, including oncology and neurosurgery	8
29	Social medicine, public health and the basics of evidence-based medicine	3
30	Radiology	3
31	Forensic medicine (dentistry). Medical law of Ukraine	3
32	Prevention of dental diseases	4
33	Therapeutic dentistry	21
34	Surgical dentistry	19,5
35	Orthopedic dentistry	19,5
36	Orthodontics	10
37	Phthysiology	3
38	Pediatrics	3
39	Obstetrics	3
40	Pediatric therapeutic dentistry	10
41	Pediatric surgical dentistry	6
42	Social medicine, public health	3
43	Urgent and emergency medical care	3
44	Occupational safety	3
45	General medical training (ophthalmology, neurology, including neurostomatology, dermatology, venereology, psychiatry, narcology, medical psychology, physical rehabilitation, sports medicine, endocrinology)	8
46	Otorhinolaryngology	3
47	Training of reserve officers of the field of knowledge "Health". Specialty "Dentistry"	3
48	Internship	21
	Total	208
ELECTIVE PART		

	Elective courses	19
	Physical training	320 год.
	Assessment	30 год.
	<i>Total</i>	19
	<i>TOTAL for 5 years</i>	300

8. REQUIREMENTS FOR THE STRUCTURE OF DISCIPLINE PROGRAMS, PRACTICE, INDIVIDUAL TASKS

The results of the Master's studies are determined by the types of educational activities, such as the specification of program (integrative) learning outcomes in the curriculum, practice, and individual tasks, and are used as criteria for selecting the required content modules and related learning elements.

The connection of an educational program with training programs by types of educational activities ensures the quality of higher education at the design stage. The discipline program should also determine the total time for assimilation, the form of final control, the list of basic disciplines, the requirements for information and methodological support, requirements for diagnostic tools and evaluation criteria, requirements for the structure of the work program of discipline.

9. GENERAL REQUIREMENTS FOR DIAGNOSTIC TOOLS

The information base for generating diagnostic tools for the final control should be the expected results of learning by type of educational activity.

The certification on the specialty "Dentistry" is carried out in the form of a single state standardized test test - a license integrated exam - and a practical test.

The standardized test state exam is a licensed integrated examination that is conducted in accordance with the Regulations on the system of licensed integrated examinations, approved by the order of the Ministry of Health of Ukraine dated August 14, 1998, No. 251, and is carried out by the Examination Commission of the University and the Center for testing the professional competence of specialists with higher education in the areas of training "Medicine" and "Pharmacy" at the Ministry of Health of Ukraine.

The Integrated Licensing Exam consists of 2-step exams "Krok 1" and "Krok 2". The test "Krok 1" consists of 3 courses and covers the content of fundamental disciplines. The test "Step 2" covers the content of clinical disciplines and is completed after the full implementation of the curriculum of training in the specialty "Dentistry".

Practically oriented exam is conducted in the form of certification examinations or a complex certification exam. Practically oriented exam assesses the acquisition of general and special competencies in conditions close to professional activity.

10. TERMS OF TRAINING BY FORMS OF STUDY

Full time day form is 5 years.

11. STRUCTURAL-LOGICAL SCHEME

The scope of normative and variational part of the study over the years:

Year of study	Types of educational activity
1 st year	Normative type of educational activity in the specialty (62,3 cr.)
2 ^d year	Elective educational activity (3 cr.)
3 ^d year	Normative type of educational activity in the specialty (62.6 cr.)
4 th year	Elective educational activity (3 cr.)
5 th year	Normative type of educational activity in the specialty (58 cr.)

The succession of educational activities of the applicant over the years:

NN	Name of the discipline	Distribution by courses				
1	2	1	2	3	4	5
1	Foreign Language	*				
2	Ukrainian language (for professional use)	*				
3	History of Ukraine and Ukrainian culture	*				
4	Philosophy	*				
5	Latin language and medical terminology	*				
6	History of medicine	*				
7	Medical biology	*				
8	Medical and Biological Physics	*				
9	Medical chemistry	*				
10	Biological and bioorganic chemistry	*	*			
11	Human anatomy	*				
12	Histology, cytology and embryology	*				
13	Foreign language (for professional use)	*				
14	Physiology		*			

15	Microbiology, Virology and Immunology		*			
16	Medical informatics		*			
18	Life Safety; the basis of bioethics and biosecurity	*				
19	Clinical Anatomy and Operative Surgery		*			
20	Propaedeutics of internal medicine		*			
21	Hygiene and ecology		*			
22	Propaedeutics of therapeutic dentistry		*			
23	Propedeutics of orthopedic dentistry		*			
24	Propaedeutics of pediatric therapeutic dentistry		*			
25	Pathomorphology		*	*		
26	Pathophysiology		*	*		
27	Pharmacology		*	*		
28	Internal medicine (including infectious diseases and epidemiology, clinical pharmacology)			*	*	
29	Surgery including oncology and neurosurgery			*	*	
30	Social medicine, public health and the basics of evidence-based medicine			*		
31	Radiology			*		
32	Forensic medicine (dentistry). Medical law of Ukraine			*		
33	Prevention of dental diseases			*		
34	Therapeutic dentistry			*	*	*
35	Surgical dentistry			*	*	*
36	Orthopedic dentistry			*	*	*
37	Orthodontics			*	*	*
38	Phthysiology				*	
39	Pediatrics				*	
40	Obstetrics				*	

41	Pediatric therapeutic dentistry				*	*
42	Children's Surgical Dentistry				*	*
43	Social medicine, public health					*
44	Urgent and emergency medical aid					*
45	Occupational safety			*		
46	General medical training (ophthalmology, neurology, including neurostomatology, dermatology, venereology, psychiatry, narcology, medical psychology, physical rehabilitation, sports medicine, endocrinology)				*	
	Otorhinolaryngology				*	
47	Training of reserve officers of the field of knowledge "Health". Specialty "Dentistry"		*			
48	Clinical training		*	*	*	*

12. REQUIREMENTS FOR THE INTERNAL QUALITY ASSURANCE SYSTEM OF HIGHER EDUCATION

The system of quality assurance of educational activity and quality of higher education (internal quality assurance system) functioning in the academy is certified by the Ukrainian certification body of quality management systems "ROUKSERT" No.80059-0373-14 dated October 21, 2014 and meets the requirements of the state standard DSTU ISO 9001 : 2009 (ISO 9001: 2008, IDT) "Quality Management System. Requirements "and performs the following procedures and measures:

- 1) definition of principles and procedures for ensuring the quality of higher education;
- 2) monitoring and periodic review of educational programs;
- 3) the annual assessment of higher education applicants, scientific and pedagogical and SCIENTIFIC-pedagogical staff of a higher education establishment, and regular publication of the results of such assessments on the official website of the higher educational establishment, on information stands and in any other way;
- 4) ensuring the professional development of pedagogical, scientific and scientific-pedagogical staff;
- 5) ensuring the availability of the necessary resources for the organization of the educational process, including the independent work of students, for each educational program;
- 6) ensuring the availability of information systems for the effective management of the educational process;

7) ensuring publicity of information about educational programs, degrees of higher education and qualifications;

8) ensuring an effective system of preventing and detecting academic plagiarism in scientific works of higher education and higher education graduates;

9) other procedures and measures.

The system of providing higher education establishments with the quality of educational activity and the quality of higher education (internal quality assurance system) upon submission of an establishment of higher education is assessed by the National Agency for the Quality Assurance of Higher Education or the independent establishments accredited by it for the assessment and quality assurance of higher education on the subject of its compliance with the requirements of the higher quality system. education approved by the National Agency for the Quality Assurance of Higher Education, and international standards and guidelines for the provision of The quality of higher education.

13. FINAL PROVISIONS

The educational-professional program is put into effect from 01.09.2016 in accordance with the decision of the Academic Council of the Academy (Minutes No. 9 dated May 26, 2016) by the order of the Rector № 150-a dated May 27, 2016, published on the Academy's website prior to admission to education to the HSEEU "UMSA" in accordance with the Rules of Admission.

Changes to the educational-professional program are introduced by the heads of Departments to the Central Methodical Commission of the Academy, which examines it and presents it to the Academic Council of the Academy. After approval of this proposal, the academic council of the academy and the order of the rector of the change are introduced into an educational professional program of training specialists.

APPENDIX

List 1 (syndromes and symptoms)

1. anemia
2. malocclusion
3. asymmetry of the face
4. pain on movements of the mandible
5. pain in the heart area
6. toothache
7. abdominal pain
8. pain in the soft tissues of the maxillofacial area
9. pain in the facial bones
10. loss of consciousness
11. loss of tooth epithelial attachment
12. hemorrhagic syndrome
13. hyperesthesia
14. hypersalivation
15. headache
16. rhinophonia (open, closed)
17. defects of the crown part of the tooth
18. deformation of the facial skeleton bones
19. bite deformation
20. jaundice
21. suffocation and asphyxiation
22. vertigo
23. changed color of teeth
24. changed color of the skin, mucous membrane of the oral cavity
25. changes of interalveolar height
26. convergence (divergence) of teeth
27. fever
28. lymphadenopathy
29. macrocheilia
30. maceration of the corners of the mouth
31. meningeal syndrome
32. edema syndrome
33. dental deposits
34. presence of inflammatory, cuff-like and tumor infiltration in the maxillofacial area
35. presence of lesions on the skin and the mucous membrane of the oral cavity
36. presence of a periodontal pocket
37. presence (nonunion) of fissural defects of the face
38. paresis, paralysis of nerves of maxillofacial localization
39. impaired movements of the mandible
40. impaired facial proportions
41. taste disturbance

42. impaired sensitivity of tissues of the maxillofacial area
43. tumors and tumor-like neoplasms in the maxillofacial area
44. fistulous passage
45. mobility of bone splinters of the facial skeleton
46. pathological mobility of teeth
47. gum recession
48. the parchment crunch symptom
49. xerostomia
50. partial and complete loss of teeth
51. fluctuation
52. cyanosis (diffuse and local)

List 2 (dental diseases)

1. Therapeutic dentistry:

A) Non-carious lesions of hard dental tissues:

1. Hyperesthesia
2. hypoplasia, hyperplasia of the enamel
3. fluorosis
4. erosion of hard dental tissues
5. wedge-like defect
6. pathological abrasion of teeth
7. necrosis of hard dental tissues
8. discoloration
9. traumatic injuries of teeth

B) Caries and its complications:

10. caries
11. pulpitis
12. periodontitis

C) Periodontal disease:

13. papillitis
14. gingivitis (localized, generalized)
15. periodontitis (localized, generalized)
16. parodontosis
17. idiopathic periodontal disease

D) Disease of the mucous membrane of the oral cavity:

18. traumatic lesions of the oral mucosa
19. autoinfectious diseases of the oral mucosa (acute aphthous stomatitis, herpetic, ulcerative-necrotic, candidal lesions of the oral mucosa)
20. secondary bacterial diseases (diphtheria, tuberculosis, syphilis, gonorrhea)
21. disease of the oral mucosa in dermatosis with an autoimmune component of the pathogen (vesicular disease, lichen ruber planus, lupus erythematosus)

22. changes of the oral mucosa in allergic lesions
23. changes of the oral mucosa in intoxication with salts of heavy metals
24. symptomatic viral diseases (AIDS, influenza, foot-and-mouth disease, infectious mononucleosis)
25. symptomatic manifestations of gastrointestinal diseases on the oral mucosa (ulcer disease, gastritis, enteritis, colitis, chronic hepatitis)
26. symptomatic manifestations of cardiovascular diseases on the oral mucosa (insufficiency of blood circulation, essential hypertension)
27. symptomatic manifestations of endocrine diseases on the oral mucosa (acromegaly, Itsenko-Cushing syndrome, diabetes mellitus, hyperthyroidism and hypothyroidism)
28. symptomatic manifestations of blood diseases on the oral mucosa (anemia, thrombocytopenic purpura, leukemia)
29. symptomatic manifestations of hypo- and avitaminosis on the oral mucosa
30. diseases and abnormalities of the tongue (desquamative glossitis, rhomboid glossitis, folded tongue, hairy tongue)
31. neurogenic diseases of the tongue (glossalgia, stomalgia, ganglionitis)
32. self-sustained and symptomatic cheilitises (actinic, meteorological, contact allergic, glandular, exfoliative, eczematous, atopic)

E) Precancer of the oral cavity and red border of the lips:

33. obligate precancers (Bowen's disease, verrucous precancer, limited precancerous hyperkeratosis, Manganotti's cheilitis)
34. facultative precancers

2. Pediatric dentistry:

A) Pathology of teeth:

35. enamel hypoplasia (systemic and local)
36. endemic fluorosis
37. congenital malformations in the development of hard dental tissues in children
38. caries and its complications in temporary and permanent teeth in children
39. traumatic injuries of teeth

B) Periodontal pathology:

40. gingivitis
41. idiopathic periodontal diseases
42. periodontitis

C) Pathology of the oral mucosa:

43. allergic diseases of the oral mucosa
44. anomalies and diseases of the tongue
45. fungal lesions of the oral mucosa in children
46. changes of the oral mucosa in systemic diseases
47. changes of the oral mucosa in specific diseases

- 48. manifestations of acute viral and infectious diseases on the oral mucosa (diphtheria, varicella, measles, infectious mononucleosis, scarlet fever).
- 49. viral diseases of the oral mucosa (acute herpetic stomatitis, recurrent herpetic stomatitis, shingles)
- 50. self-sustained and symptomatic cheilitises, glossitises

D) Inflammatory diseases of the maxillofacial area:

- 51. periostitis
- 52. diseases of the temporomandibular joint
- 53. diseases of the salivary glands
- 54. lymphadenitis
- 55. non-odontogenic inflammatory processes of soft tissues (furuncle, carbuncle, erysipelas)
- 56. osteomyelitis of the jaws
- 57. specific inflammatory processes (tuberculosis, syphilis, actinomycosis)
- 58. phlegmons and abscesses

E) Injuries of the maxillofacial area:

- 59. damage to soft tissues (wounds, burns), teeth, jaws, facial bones

E) Tumors and tumor-like neoplasms of the maxillofacial area:

- 60. benign tumors and tumor-like neoplasms of soft tissues and facial bones
- 61. malignant tumors of soft tissues and facial bones

F) Congenital malformations of the face:

- 62. non-union of the upper lip, alveolar process, hard and soft palate (isolated and penetrating)
- 63. anomalies of attachment of soft tissues of the oral cavity (labial, lingual frenulum, shallow vestibule of the oral cavity)

3. Surgical dentistry:

A) Inflammatory diseases of the maxillofacial area:

- 64. deep and superficial phlegmons, abscesses
- 65. lymphadenitis
- 66. neuritis of the trigeminal nerve, facial nerve, neuralgia
- 67. non-odontogenic inflammatory processes
- 68. odontogenic sinusitis
- 69. parodontitises, periodontitises, alveolitises, periostitises, osteomyelitises; pericoronaritises
- 70. inflammatory diseases of the salivary glands
- 71. specific inflammatory processes (tuberculosis, syphilis, actinomycosis)

B) Injuries of the maxillofacial area:

- 72. injuries of teeth and facial bones
- 73. injuries of soft tissues, tongue and oral mucosa

74. ballistic and non-ballistic wounds of the tissues of maxillofacial localization; cranio-maxillofacial injuries

75. thermal, chemical, electrical and radiation injuries of the tissues of maxillofacial localization; combined injury

C) Diseases of the temporomandibular joint:

76. arthritises, osteoarthritis, arthroses

77. ankyloses

78. TMJ dysfunctions, dislocations and contractures of the mandible

D) Tumors and tumor-like neoplasms of the maxillofacial area:

79. benign tumors and tumor-like neoplasms of the oral cavity, salivary glands, soft tissues of maxillofacial localization and neck, bones of the facial skeleton

80. precancerous diseases and malignant tumors of the oral cavity, salivary glands, soft tissues of maxillofacial localization and neck, bones of the facial skeleton

E) Congenital and acquired defects and deformities of the head and neck tissues

81. anomalies of teeth development, congenital deformities of the jaws, defects and deformation of the bones of the facial skeleton, combined anomalies and deformations of the cerebral and facial skeleton and dentoalveolar system

82. Congenital defects and deformities of soft tissues of the head and neck

83. Acquired defects and deformations of soft tissues of maxillofacial localization and neck, bones of the facial skeleton

84. age-related changes in soft tissues of the face and neck, vertical and horizontal atrophy of the alveolar processes of the jaw bones, anodontias, gingival recession

85. cosmetic defects and deformities of the organs and tissues of the head and neck

F) Dysplastic diseases of maxillofacial localization

86. dystrophic diseases of periodontal tissues

87. sialoses

88. dysplastic diseases of the soft tissues of the head and neck

G) Neurostomatological diseases

89. neuritis, neuralgias of the trigeminal nerve

4. Orthopedic dentistry:

90. partial loss of teeth

a) distally limited defects of the dentitions

b) distally unlimited defects of the dentitions

91. complete loss of teeth

92. excessive abrasion of teeth

93. defects of the crown part of teeth

94. complete destruction of the crown part of tooth

95. secondary deformations of the dentition

- 96. parafunctions of masticatory muscles
- 97. bruxism
- 98. injuries and defects of the jaws, nose, ear, eye sockets, combined defects
- 99. TMJ diseases

5. Orthodontics

A) abnormalities of individual teeth:

- 100. size
- 101. shape
- 102. quantity

B) abnormalities of the position of teeth:

- 103. diastemas and tremas
- 104. teeth crowding
- 105. torsion
- 106. vestibulo-oral position of teeth, dystopia, retention, supra-infraposition

C) sagittal abnormalities of bite:

- 107. prognathia (mesial) (skeletal, dentoalveolar)
- 108. prognathia (distal) (skeletal, dentoalveolar)

D) vertical bite abnormalities:

- 109. open (skeletal, dentoalveolar)
- 110. deep (skeletal, dentoalveolar)

E) transversal abnormalities of bite:

- 111. cross-sectional (one- or two-sided, with displacement or without displacement of the mandible) (skeletal, dentoalveolar).

List 2.1 (major dental diseases)

A. Pathology of teeth:

- 1. non-carious lesions of teeth
- 2. caries of temporary and permanent teeth
- 3. diseases of the pulp of temporary and permanent teeth
- 4. periodontitis of temporary and permanent teeth

B. Periodontal tissue pathology:

- 5. papillitis
- 6. gingivitis
- 7. periodontitis
- 8. parodontosis

C. Pathology of the oral mucosa:

- 9. traumatic lesions

10. autoinfectious diseases of the oral mucosa (acute aphthous stomatitis, herpetic, ulcerative-necrotic, candidal lesions of the oral mucosa)
11. allergic lesions

D. Inflammatory diseases of the maxillofacial area:

12. alveolitis
13. pericoronaritis
14. periostitis
15. lymphadenitis

E. Injuries of the maxillofacial area:

16. traumatic damages of soft facial tissues
17. acute and usual dislocation of the mandible
18. uncomplicated fractures of the maxilla and mandible

F. Orthopedic pathology:

19. defects of the crown part of teeth
20. partial and complete absence of teeth

3. Physiological conditions and somatic diseases requiring special patient management tactics

A) Physiological conditions:

1. pregnancy

B) Diseases of the blood and blood-forming organs:

2. anemia
3. hemophilia
4. leukemia
5. thrombocytopenic purpura

C) Cardiovascular diseases:

6. arterial hypertension
7. rheumatism
8. infective endocarditis
9. cardiac malformations
10. heart failure

D) Mental disorders:

11. acute psychosis, including alcohol delirium
12. epilepsy

E) Diseases of the respiratory system and mediastinum:

13. bronchial asthma

F) Diseases of the endocrine system:

14. diabetes mellitus
15. diseases of the thyroid gland

3) Pathologies of the musculoskeletal system and connective tissue:

16. systemic vasculitises (hemorrhagic vasculitis)

E. Infectious and parasitic diseases:

17. HIV / AIDS

18. viral hepatitis

19. diphtheria

20. tetanus

21. anthrax

22. tuberculosis of different localization

23. cholera

24. plague

25. gonorrhea

26. syphilis

List 4 (emergency conditions):

1. asphyxia (including that of newborns)

2. hypertensive crisis

3. acute respiratory failure

4. acute heart failure

5. acute poisoning

6. acute abdomen

7. electrical injury

8. unconsciousness

9. external bleeding

10. collapse

11. coma

12. edema of the larynx

13. angioedema

14. burns and frostbite

15. convulsions

16. drowning

17. physiological delivery

18. shock

19. bone injury

List 5 (laboratory and instrumental studies):

1. analysis of puncture sample from neoplasms of soft tissues and bones

2. histomorphological study of biopsy sample from the lymph nodes, salivary glands, mucous membranes, soft tissues

3. analysis of blood glucose content

4. study of control and diagnostic models of the jaws

5. study of the functions of dentoalveolar area (breathing, swallowing, speech, chewing and TMJ)

6. total blood count

7. total urine count

8. biochemical blood test
9. immunological study in dental diseases
10. analysis of coagulogram
11. interpretation of radial diagnostics of the skull, dentoalveolar apparatus, salivary glands
12. cytological examination of the organs and tissues of the dentoalveolar apparatus
13. microbiological study of the oral fluid, smears from the oral mucosa, periodontium
14. functional diagnostics of the oral cavity (luminescent, rheoparodontography, stomatoscopy, capillaroscopy, vacuum test, etc.).

List 6 (medical procedures)

1. to conduct artificial ventilation;
2. to conduct closed-chest cardiac massage;
3. to secure the tongue;
4. to conduct a temporary arrest of external bleeding;
5. to conduct primary surgical treatment of wounds;
6. to conduct gastric and intestinal lavage;
7. to conduct transport immobilization;
8. to administer injections of medicinal agents (intramuscular, subcutaneous, intravenous, jet and drip administration);
9. to measure blood pressure;
10. to conduct the primary grooming of the newborn;
11. to determine blood groups, Rh-affiliation

List 7 (dental procedures)

1. alveolotomy
2. amputation of the pulp of temporary and permanent teeth
3. teeth bleaching
4. selective grinding of teeth, alignment of occlusal surface, occlusogram
5. manufacturing of temporary splints and splinting in fractures of teeth, alveolar processes and jaws
6. determining the acid resistance of the enamel of teeth
7. determining and fixation of the centric relation
8. re-adjustment of dislocation of the mandible
9. sealing fissures
10. diagnostic use of dyes
11. diathermocoagulation
12. extirpation of the pulp of temporary and permanent teeth
13. electroodontodiagnostics
14. instillation of medications into periodontal pockets
15. local anesthesia in the treatment of dental diseases by various methods (application, infiltration, conduction)
16. removal of artificial crowns

17. arrest of bleeding after tooth extraction
18. impregnation of hard tissues of temporary teeth
19. correction of partial and complete removable dentures
20. curettage of the socket
21. curettage of periodontal pockets (open, closed)
22. medicinal treatment of the affected areas of the oral mucosa and periodontium
23. placing and removing temporary fillings and occlusive dressings in the treatment of caries, pulpitis, periodontitis
24. obtaining the anatomical and functional imprints with different impression material
25. obtaining the models of dentitions and prosthetic bed
26. obtaining the control and diagnostic models
27. checking the denture design in partial and complete absence of teeth
28. filling the carious cavities of temporary and permanent teeth with different filling materials
29. filling the root canals of temporary and permanent teeth with different materials
30. covering teeth with therapeutic and preventive varnishes, gels
31. preparation of teeth under the metal stamped and plastic crown
32. preparation and treatment of root canals of temporary and permanent teeth
33. preparation of carious cavities of temporary and permanent teeth taking into account the type of filling material.
34. preparation and applying of hardening and non-hardening periodontal dressings
35. fitting different kinds of artificial crowns
36. conducting intra-dental electrophoresis
37. conducting professional hygiene of the oral cavity
38. conducting physiological separation
39. incision of periodontal abscess
40. section and excision of the hood in pericoronaritis
41. periostotomy
42. typical and atypical removal of temporary and permanent teeth
43. fixation of crowns and bridge-like dentures
44. surgical treatment of wounds of soft facial tissues within one anatomical area
45. grinding and polishing of fillings made of all kinds of fillings materials

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