

«APPROVED»
Rector
Higher State Educational
Establishment of Ukraine
«Bukovinian State
Medical University»

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EDUCATIONAL AND PROFESSIONAL PROGRAMM
TO TRAIN PROFESSIONALS AT HIGHER STATE EDUCATIONAL
ESTABLISHMENT OF UKRAINE
«BUKOVINIAN STATE MEDICAL UNIVERSITY»

PROFESSIONAL AREA	22 Health Care
SPECIALTY	221 Stomatology
HIGHER EDUCATION LEVEL	Second (Master) level
DEGREE	Master
PROFESSIONAL QUALIFICATION	Dental Practitioner

PREFACE

1. SUBMITTED BY

Central Methodological Board, Higher State Educational Establishment of Ukraine «Bukovinian State Medical University»

2. APPROVED BY

Academic Council, Higher State Educational Establishment of Ukraine «Bukovinian State Medical University», on May 23, 2019 (minutes № 9).

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1. INTRODUCTION

1.1. General notion

Higher education level	Second (Master) level
Degree awarded	Master
Professional field	22 Health care
Specialty	221 Stomatology
Restrictions concerning the form of studies	Full-time training only
Educational qualification awarded	Master of Medicine.
Professional qualification	Dental Practitioner
Qualification in Diploma	Master of Stomatology. Dental Practitioner
Description of professional area	<p>The object of medical activity is public health care, and stomatological in particular, prevention and treatment of human stomtological diseases.</p> <p>Objectives – to ensure academic training on humanitarian, fundamental and professionally-oriented biomedical sciences and training graduates for professional activity of a stomatologist in the field of health care on an appropriate position, which sphere of application is assumed at least by the determined lists of syndromes and symptoms of diseases, stomatological diseases, physiological conditions and somatic diseases requiring special tactics of patient management, urgent conditions; laboratory and instrumental examinations, medical and stomatological manipulations.</p> <p>Theoretical contents of professional area:</p> <p>Methods, methodology and techniques: A graduate should master professional skills and be able to conduct diagnostic process, detect leading symptoms and syndromes, make provisional and differential diagnosis, under observation of a physician-leader to make final diagnosis of stomatological diseases; know principles of treatment and prevention of stomatological diseases, treat the major stomatological diseases by means of making substantiated decision according to existing algorithms.</p> <p>Instruments and equipment (objects/subjects, apparatus and devices, that should be applied and used by an applicant for higher education): A graduate with Master degree on specialty “Stomatology” should use the commonest up-to-date diagnostic, therapeutic and other devices, objects and apparatus to maintain professional activity.</p>
Academic right of graduates	<p>On completion of studies according to the educational-professional curriculum on specialty “Stomatology” a specialist is able to perform professional work:</p> <ul style="list-style-type: none"> - Intern (code of profession classification (PC) – 3229) - Probationer (PC code – 3221) <p>and can apply for post-graduate curriculum (internship, residency) to be trained according to educational curricula of training a physician-stomatologist.</p> <p>On completion of Internship, Residency on specialty “Stomatology” a specialist has the right:</p> <p>to be specialized and perform appropriate work of a stomatologist in certain field registered in the current National Classification of Ukraine “Profession Classification”, to work on an appropriate position;</p> <p>acquire another specialty enabling to work on an appropriate position and perform appropriate work.</p> <p>A graduate can apply for the program to obtain PhD (Doctor of Philosophy).</p>

Employment of graduates	<p>A specialist trained for work according to ДК 009-2010: Section Q. Health care and giving social aid Chapter 86. Health care Group 86.2 Medicine and stomatological practice Class 86.23 Stomatological practice</p> <p>After training in Internship or Residency a specialist is awarded with the qualification of “Physician-Stomatologist”; able to perform professional work indicated in ДК 003: 2010 and can work on an appropriate position: 2222.2 physician-stomatologist</p> <p>On completion of Internship, Residency on specialty “Stomatology” and getting qualification of a physician-stomatologist specialists can be specialized in certain field indicated in the current National Classification of Professions of Ukraine and hold an appropriate position.</p>
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To create the educational curriculum the following regulations of the Law of Ukraine “On Higher Education” have been employed:

1) article 1, point 1. 17 – educational curriculum (educational-professional, educational-scientific) – the system of educational components on an appropriate level of higher education within the frame of a specialty determining:

- requirements to the level of educations of persons who can start studies according to this curriculum;
- the list of educational subjects and logical order of their learning;
- the amount of ECTS credits essential to complete the curriculum;
- expected results of studies an applicant for an appropriate level of higher education is supposed to master;

2) article 10, point 3 – higher education standard stipulated the following requirements for the curriculum:

- amount of ECTS credits essential to obtain an appropriate degree of higher education;
- competence list of a graduate;
- standard contents of training of applicants for higher education formulated within the terms of the results of studies (total knowledge, skills, abilities, other competence);
- forms of attestation of applicants for higher education;
- requirements to the internal system providing the quality of higher education;

3) article 5, point 1 – second (Master) level should assume acquiring advanced theoretical and/or practical knowledge, abilities, skills in the specialty chosen (or specialization), general principles of methodology of scientific and/or professional activity, other competence essential for effective implementation of innovative tasks of an appropriate level of professional activity;

4) article 1, point 1.13 – competence determines the ability of a person to fulfill successfully professional and further educational activity, and presents the result of learning at a certain level of higher education;

5) article 1, point 1.19 – results of education – total amount of knowledge, abilities, skills, other competence acquired by a person in the process of learning according to a certain educational-professional, educational-scientific curriculum, that can be identified, assessed and evaluated.

On the basis of these principles (by the terminology of the Law of Ukraine “On Higher Education”) the following structure of the curriculum is accepted:

- determination of the types, contents and system of appropriate knowledge of Master’s innovation activity (higher education contents) considering the requirements of professional standards or equivalent standard base;
- regulation of the system of Master’s competence as ability for effective completion of innovative tasks according to the level of professional activity considering the requirements of professional standards or equivalent standard base and the requirements of the National Qualification Frame;
- determination of the curriculum results of learning and their degree of complexity by means of competence decomposition;
- substantiation of the nomenclature of the kinds of educational activity due to an adequate

distribution of the curriculum results of learning according to educational subjects, practical training, individual work;

– determination of credits and mastering all the kinds of educational activity.

Realization of a competence approach in the development of higher education by means of creation of a definite relationship of external purposes of higher education with the subjects, practical training and individual tasks is a crucial factor of the higher education quality and BSMU and creation of a real system for its internal providing.

Clear and understandable structure and contents of the curriculum are topical for applicants, learners, teachers and employers.

The educational curriculum is used during:

- accreditation of the educational curriculum, inspection of educational activity on specialty and specialization;
- elaboration of the educational plan, curricula on educational subjects and practical training;
- elaboration of diagnostic means of the higher education quality;
- determination of the contents of education in the system of advanced qualification training;
- professional orientation of learners in certain profession.

The educational-professional curriculum takes into account the requirements of the Law of Ukraine “On Higher Education”, the National Qualification Frame, and determines the following:

- the volume and term of education for Masters;
- common competence;
- special (professional) competence;
- the list and volume of educational subjects to master the competence of the curriculum;
- requirements to the structure of educational subjects.

The educational-professional curriculum is used for:

- compiling educational plans and working educational plans;
- formation of student individual plans;
- formation of programs on educational subjects, practical training, contents of individual tasks;
- determination of information basis to form the diagnostic means;
- accreditation of the curriculum;
- external quality control of training specialists;
- attestation of Masters on specialty 222 Medicine.

Users of the educational-professional curriculum are:

- applicants for higher education studying at Higher State Educational Establishment of Ukraine «Bukovinian State Medical University»;
- scientific-pedagogical workers of Higher State Educational Establishment of Ukraine «Bukovinian State Medical University», who provide training of Masters on specialty 222 Medicine;
- Examination Board on Specialty 221 Stomatology;
- Acceptance Board, Higher State Educational Establishment of Ukraine «Bukovinian State Medical University».

The educational-professional curriculum applies to the Departments of Higher State Educational Establishment of Ukraine «Bukovinian State Medical University» involved in training of Masters on specialty 222 Medicine.

1.2. Regulations

The educational-professional curriculum is compiled on the base of the following regulations:

1. Law of Ukraine «On Higher Education» vdatedid 01.07.2014 // Gazette of the Supreme Council (Verkhovna Rada). – 2014. – № 37, 38.
2. Decision of the Cabinet of Ministers of Ukraine dated 29.04.2015 № 266 «On Approval of

Professional Areas and Specialties Training Applicants for Higher Education (with changes)».

3. The order to implementation of a single state qualification exam for the Masters, applicants for higher education, on specialties in the professional area “22 Health Care”, approved by the Resolution of the Cabinet of Ministers of Ukraine dated on March 28, 2018, № 334.

4. Licensing terms concerning implementation of educational activity approved by of the Resolution of the Cabinet of Ministers of dated on December 30, 2015, № 1187 (edited in the form of the Decision of the Cabinet of Ministers of Ukraine dated on May10, 2018, № 347).

5. National Qualification Frame. Supplement to the Decision of the Cabinet of Ministers of Ukraine dated on November 23, 2011, № 1341.

1.3. Terms and their definitions

The terms have the following definitions in the curriculum:

1) autonomy and responsibility – ability to perform the tasks independently, to solve the problems and take responsibility for the results of one’s own activity;

2) accreditation of the curriculum – assessment of the curriculum and/or educational activity of a higher educational establishment according to the curriculum for the purpose of correspondence with higher education standards; ability to fulfill standard requirements and achieve the results of studies declared in the curriculum; achieving the results of studies declared in the curriculum;

3) attestation – determination of correspondence of the knowledge, skills and other competence to the standard requirements of higher education;

4) types of educational activity of an applicant – educational subjects, practical training, individual tasks;

5) higher education – the total amount of knowledge, abilities and practical skills, ways of thinking, professional, world outlook and social qualities, moral-ethical values, other competence, acquired at the higher educational establishment in an appropriate professional area according to certain qualification on the higher education levels, which is much higher than the level of completed general secondary education by its complexity;

6) field of knowledge - the main subject area of education and science, which includes a group of related specialties, according to which the vocational training is carried out;

7) disciplinary competence - the detailed competence of the educational program as a result of the decomposition of the competence of a specialist in a certain level of higher education;

8) The European Credit Transfer and Accumulation System (ECTS) - a transfer and accumulation system used in the European Higher Education Area for the purpose of providing, recognizing, confirming qualifications and educational components, and facilitating the academic mobility of 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;

9) means of diagnostics - 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;

10) applicants for higher education - people studying at a higher educational establishment at a certain level of higher education in order to obtain the appropriate degree and qualification;

11) content module - a set of skills, knowledge, values, which ensure the implementation of a certain competence;

12) knowledge - comprehended and mastered by the person scientific information, which is the basis of his/her conscious, purposeful activity. Knowledge is divided into empirical (factual) and theoretical (conceptual, methodological);

13) integral competence - a generalized description of the qualification level, which expresses the basic competencies of the characteristics of the level of education and/or professional activity;

14) integrated assessment - the result of evaluating specific tasks of different levels, taking into account the priority factor (planned level of the formed competence);

15) information support of the discipline - the means of training, in which the basics of knowledge on a certain discipline at the level of modern achievements of science and culture, support for self-education and self-education (textbooks, teaching aids, teaching aids, teaching aids, dictionaries,

encyclopedias, directories, etc.) are systematically set forth;

16) 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;

17) 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;

18) competence/ competences (for NQF) - the ability of a person to perform a certain type of activity, expressed through knowledge, understanding, skills, values, other personal qualities;

19) communication - the interconnection between students for the purpose of information transfer, coordination of actions, joint activity;

20) credit of the European Credit Transfer *and* Accumulation System (hereinafter ECTS credit) - a unit of measure of the amount of academic load of the higher education applicant required to achieve the (expected) learning outcomes. The volume of one ECTS credit is 30 hours. The load of one academic year in full-time education is, as a rule, 60 ECTS credits;

21) Master's degree - an educational qualification obtained at the second level of higher education and given by a higher education institution as a result of successful completion of a relevant education program by a higher education student. The master's degree is acquired through an educational and professional or an educational and scientific program. A master's degree in medical, pharmaceutical or veterinary medicine is obtained on the basis of complete general secondary education and is given by a higher education institution (research institution) as a result of successful completion of a relevant educational program by a higher education student, amount of which is 300-360 ECTS credits.

22) methodical support of the discipline - the recommendations for the support of the student's educational process for all types of training sessions, including, information on the means and procedure of control measures, their form and content, methods of solving exercises, sources of information;

23) module control - an assessment of the level of achievement by the student of the planned level of formation of competencies according to the types of training sessions;

24) educational discipline - a set of modules to be subject to final control;

25) educational element - the minimum educational information of independent semantic value (concept, phenomenon, relation, algorithms);

26) *object* of diagnostics - a competence, the mastery of which is provided by a certain type of educational activity of the applicant;

27) educational process - an intellectual, creative activity in the field of higher education and science, which is carried out in the higher educational establishment (scientific institution) through the system of scientific, methodical and pedagogical activities and is aimed at the transfer, mastering, multiplication and use of knowledge, skills and other competencies by students, as well as the formation of a harmoniously developed personality.

28) educational (educational *and* professional or educational *and* scientific) program - a system of educational components at the appropriate level of higher education within the specialty that defines the requirements for the level of education of people who can begin to study 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;

29) educational activity - the activity of higher educational establishment, which is carried out with the purpose of securing higher, postgraduate education and meeting other educational needs of higher education and other people;

30) final control - the comprehensive assessment of the planned level of the formation of disciplinary competencies;

31) current control - the assessment of the student's learning of the material during the classroom training session (student examination at lectures, checking and receiving reports on laboratory work, testing, etc.);

32) discipline curriculum - a normative document defining the content of the discipline in accordance with the educational curriculum, developed by the department, which is secured by the rector's order for teaching discipline;

33) learning outcomes (Law of Ukraine "On Higher Education") - a set of knowledge, abilities,

skills and other competences acquired by a person in the process of training in a certain educational and professional, educational and scientific program that can be identified, quantified and measured;

34) learning outcomes (National Qualifications Framework) - the competence (knowledge, understanding, skills, values, other personal qualities) that a student acquires and/or demonstrates after the completion of the training;

35) level of the formation of disciplinary competence - the proportion of correct answers or performed essential operations from the total number of questions or significant operations of the decision benchmark;

36) guidance document of a subject - a normative document developed on the basis of the curriculum in accordance with the annual curriculum (contains the distribution of total time for the assimilation of separate educational elements and modules according to the types of training classes and forms of training);

37) independent work - the activity of a student on the study of educational elements and content modules, mastering of planned competencies, implementation of individual tasks, preparation for control measures;

38) specialty - a component of the knowledge field, according to which the professional training is carried out;

39) standard of higher education - a set of requirements for the content and results of educational activities of the higher educational establishment and scientific institutions for each level of higher education within each specialty;

40) standard of educational activity - a set of minimum requirements for personnel, educational, methodological, material, technical and informational support of the educational process of the higher educational establishment and scientific institution;

41) skill - the ability to apply knowledge to accomplish tasks and solve problems. Skills are divided into cognitive (intellectual and creative) and practical (based on skill using methods, materials, instructions, and tools).

42) quality of higher education - the level of knowledge, skills, abilities, and competences acquired by a person that reflects his/her competence in accordance with higher education standards.

1.4. Abbreviations

NQF - national qualifications frame;

CC - common competence;

GR - general results;

SC - special (professional, subject) competence;

SR – special (occupational, subject) results;

N - normative type of educational activity in the specialty;

S - selective educational activity.

2. COMPETENCES OF THE GRADUATES

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

2.1. General competence according to the National Qualification Frame (NQF)

GC1	The ability to abstract thinking, analysis and synthesis; the ability to learn and be modernly trained.
GC2	Knowledge and understanding of the subject area and understanding of the profession.
GC3	Ability to apply knowledge in practical situations.
GC4	Ability to communicate in the state language both verbally and in writing; ability to communicate in a second language.
GC5	Skills of using information and communication technologies.
GC6	Ability to search, process and analyze information from various sources.

GC7	Ability to adapt and act in a new situation; ability to work autonomously.
GC8	Ability to identify, put and solve problems.
GC9	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 to carry out safe activities.
GC14	. Ability to assess and ensure the quality of performed work.
GC15	The desire to save the environment.
GC16	Ability to act in a socially responsible and civic conscious manner.

2.2. Special (professional, subject) competence

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

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

SC1	Collection of medical information about the patient's condition.
SC2	Evaluation of the laboratory results and instrumental research.
SC3	Establishment of a dental disease clinical diagnosis.
SC4	Diagnosing of urgent conditions.
SC5	Planning and conducting preventive measures for dental diseases.
SC6	Determination of the nature and principles of the dental diseases treatment.
SC7	Determination of the necessary mode of work and rest, diet in the treatment of dental diseases.
SC8	Determination of the dental patient tactics management in somatic pathology.
SC9	Performing medical and dental procedures.
SC10	Conduct treatment of basic dental diseases.
SC11	Organization of medical and evacuation activities.
SC12	Definition of tactics and the provision of emergency medical care.
SC13	Organization and conducting of dental medical examination of persons which are subject to dispensary supervision.
SC14	Assessment of the environmental impact on the health of the population (individual, family, population).
SC15	Keeping medical records.
SC16	Development of state, social and medical information.

3. NORMATIVE AND VARIATIVE CONTENT OF TRAINING, FORMULATED IN TERMS OF LEARNING OUTCOMES

Learning outcomes in the cognitive sphere.		
SR1	Distinguish and identify leading clinical symptoms and syndromes (according to list 1); by standard techniques using historical data of a patient's anamnesis, data of the patient's examination, knowledge of the person, his organs and systems, establish a probable nosological or syndromic pre-clinical diagnosis of dental disease according to list 2).	GC1, GC2, GC3,GC4, GC5, GC6, GC7, GC8, GC9, GC11, GC12, GC14, GC16; SC1, SC3, SC4, SC15.
SR2	Collect information about the general condition of the patient, 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 on the diagnosis (according to list 5).	GC1, GC2, GC3, GC4, GC5, GC6, GC7, GC8, GC9, GC10, GC11, GC12, GC 13, GC14, GC16; SC1, SC2, SC3, SC4, SC5, SC6, SC7, SC8, SC11, SC12, SC14, SC15, SC16
SR3	Assign and analyze laboratory, functional and / or instrumental examination (according to list 5) of a dental patient for conducting differential diagnosis of diseases (according to list 2).	GC1, GC2, GC3, GC4, GC7, GC8, GC9, GC10, GC11, GC12, GC13, GC14; SC1, SC2, SC15.
SR4	To determine the 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, conduction of differential diagnostics under the supervision of a doctor-supervisor in the conditions of a medical institution (according to the list 2.1).	GC1, GC2, GC3, GC4, GC5, GC6, GC7, GC18, GC9, GC10, GC14, GC16;SC1, SC2, SC3, SC4, SC15.
SR5	Establish a diagnosis of urgent conditions under any circumstances (at home, in the street, at a medical institution), in emergency situations, martial law, lack of information and limited time (according to list 4)	GC1, GC2, GC3, GC4, GC5, GC6, GC7, GC8, GC9, GC10, GC11, GC13, GC14, GC15, GC16; SC1, SC2, SC4, SC15.
SR6	Plan and implement measures for the prevention of 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; SC1, SC5, SC13, SC14, SC15, SC16.
SR7	Analyze the epidemiological state and carry out mass and individual measures, 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; SC1, SC5, SC13, SC14, SC15, SC16.

SR8	Determine the nature of the dental disease treatment (according to 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; SC1, SC6, SC15.
SR9	Determine the nature, principles of the working regime, rest and necessary diet for the treatment of dental diseases (according to list 2) on the basis of a preliminary or final clinical diagnosis by making a reasonable decision based on existing algorithms and standardized schemes.	GC1, GC2, GC3, GC4, GC5, GC6, GC7, GC8, GC9, GC10, GC11, GC12, GC13, GC15, GC16; SC1, SC7, SC15.
SR10	Determine the tactics of a dental patient managing with somatic pathology (according to 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; SC1, SC7, SC8, SC15
SR11	Conduct treatment of major dental diseases by existing algorithms and standard circuits under the supervision of a physician-manager in a medical institution (according to list 2.1).	GC1, GC2, GC3, GC4, GC7, GC8, GC9, GC10, GC11, GC12, GC13, GC14, GC15, GC16; SC1, SC9, SC10, SC15.
SR12	Organize a 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.	GC1, GC2, GC3, GC4, GC5, GC6, GC7, GC8, GC9, GC10, GC11, GC12, GC13, GC14, GC15, GC16; SC1, SC11, SC15.
SR13	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 (according to list 4).	GC1, GC2, GC3, GC4, GC5, GC6, GC7, GC8, GC9, GC10, GC11, GC12, GC13, GC14, GC15, GC16; SC1, SC12, SC15
SR14	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; SC13, SC15, SC16.
SR15	Estimate the impact of the environment on the health of the population in a medical institution using standard methods.	GC1, GC2, GC3, GC5, GC6, GC7, GC10, GC11, GC13, GC14, GC15, GC16; SC13, SC14, SC15, SC16.

Learning outcomes in the emotional sphere.		
GR1	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; SC1, SC5, SC6, SC7, SC8, SC9, SC10, SC11, SC12, SC13, SC14.
GR2	Maintain a healthy lifestyle, use self-regulation and self-control techniques.	GC1, GC2, GC3, GC5, GC6, GC11, GC12, GC13, GC15, GC16; SC5, SC14.
GR3	To realize and be guided in the activities by civil rights, freedom and duties, to raise the general educational level.	GC4, GC5, GC6, GC9, GC10, GC11, GC12, GC13, GC14, GC15, GC16; SC5, SC13, SC14, SC16.
GR4	Comply to ethical, bioethical and deontological requirements in professional activities.	GC1, GC2, GC3, GC4, GC9, GC10, GC11, GC12, GC13, GC15, GC16; SC1, SC5, SC7, SC9, SC10, SC11, SC12, SC13, SC14, SC15, SC16.
GR5	To organize the necessary level of individual safety (your own and the persons you are cared about) in case of typical dangerous situations in the individual field of activity.	GC1, GC2, GC3, GC5, GC9, GC10, GC11, GC12, GC13, GC14, GC15, GC16; SC1, SC5, SC6, SC9, SC10, SC11, SC12, SC13, SC14, SC15.
Results of training in the psychomotor sphere.		
SR16	Perform medical manipulations based on the preliminary (initial) and / or final clinical diagnosis (according to lists 2, 2.1) for different sections of population and under different conditions (according to list 6).	GC1, GC2, GC3, GC7, GC9, GC10, GC11, GC13, GC14, GC15; SC9, SC10, SC11, SC12.
SR17	Perform medical stomatological manipulations on the basis of the previous (initial) and / or final clinical diagnosis (according to lists 2, 2.1) for different sections of population and in different conditions (according list 7).	GC1, GC2, GC5, GC6, GC8, GC9, GC10, GC11, GC13, GC14, GC15; SC9, SC10, SC11, SC12.

SR18	Perform emergency medical care using standard schemes, under any circumstances, on the basis of a diagnosis of an emergency condition (according to list 4) under conditions of limited time (according to lists 6, 7).	GC1, GC2, GC3, GC4, GC5, GC6, GC8, GC9, GC10, GC11, GC13, GC14, GC15, GC16; SC9, SC10, SC11, SC12.
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4. REQUIREMENTS FOR PREVIOUS LEVEL OF EDUCATION OF COMPETITORS

A person has the right to obtain a Master's degree on the basis of complete general secondary education, subject to the successful completion of external independent assessment of the quality education (at least 150 points in the second and third competitive items).

A person has the right to obtain a Master's degree on the basis of the educational qualification level of a junior specialist, acquired on the specialty 5.12010104 Dentistry or 5.12010106 Orthopedic Dentistry, in case of successful passing of entrance examinations.

5. THE VOLUME OF EDUCATIONAL PROGRAM FOR NORMATIVE AND VARIABLE PART

The volume of educational-professional program is 300 ECTS credits ECTS required for Master's degree for specialty 221 Dentistry. The normative part of the program is 281 ECTS credits (93.7%). The volume of the sample is 19 ECTS credits (6.3%). Taking into account the specifics of the branch and professional activities of professional qualifications "Dentist", the implementation of paragraph 15 of Article 62 of the Law of Ukraine "On Higher Education" in full volume is impossible.

A minimum of 75% of the education curriculum 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 RESULTS OF EDUCATION BY EDUCATIONAL ACTIVITIES

Program learning outcomes		Name of academic disciplines, practice
1		2
Normative content of training		
Humanitarian and socio-economic training		
GR1	To Formulate goals and determine the structure of personal activity based on the results of the analysis of certain social and personal needs	Foreign language, Ukrainian language (for professional direction), History of Ukraine and Ukrainian culture, Philosophy
GR2	Adhere to a healthy lifestyle use self-regulation and self-control techniques.	Philosophy
GR3	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 direction), History of Ukraine and Ukrainian culture, Philosophy
GR4	Adhere to ethical, bioethical and ethical requirements deontology in their professional activities.	Foreign language, Ukrainian language (for professional direction), History of Ukraine and Ukrainian culture, Philosophy

GR5	Organize the required level of individual safety (own and those cared for) in case of the occurrence of typical hazardous situations in the individual field of activity.	Foreign language, Ukrainian language (for professional direction), History of Ukraine and Ukrainian culture, Philosophy
SR1	Allocate and 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 (in list 2).	Foreign language, Ukrainian language (for professional direction),
SR2	Collect information about the general condition of the patient, assess the psychomotor and physical development of the patient, the state of the maxillofacial area, evaluate the information on the diagnosis based on the results of laboratory and instrumental studies (in list 5).	Foreign language, Ukrainian language (for professional direction),
SR3	Assign and analyze laboratory, functional and / or instrumental examination (on the list 5) of a patient with dental disease for differential diagnostics of diseases (in list 2).	Foreign language, Ukrainian language (for professional direction),
SR4	Determine the 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, carrying out of differential diagnostics under the control of the doctor-head in the conditions of the medical institution (on the list 2.1).	Foreign language, Ukrainian language (for professional direction),
SR5	Establish a diagnosis of urgent conditions for any what circumstances (at home, on the street, at a medical institution), in emergency situations, martial law, lack of information and limited time (on the list 4).	Foreign language, Ukrainian language (for professional direction),
SR6	Plan and implement preventive measures dental diseases among the population to prevent the spread of dental diseases.	Foreign language, Ukrainian language (for professional direction),
SR7	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 direction),
SR8	Determine the nature of dental treatment disease (in list 2) by making a well-founded decision based on existing algorithms and standard schemes.	Foreign language, Ukrainian language (for professional direction),
SR9	Determine the nature, principles of the working regime, rest and necessary diet for the treatment of dental diseases (list 2) on the basis of a preliminary or final clinical diagnosis by making a well-founded decision based on existing algorithms	Foreign language, Ukrainian language (for professional direction),

	and standard schemes.	
SR10	Determine the tactics of dental management a patient with somatic pathology (on the list 3) by making a reasonable decision based on existing algorithms and standard circuits.	Foreign language, Ukrainian language (for professional direction),
SR11	Carry out basic dental treatment diseases according to existing algorithms and standard circuits under the supervision of a physician-manager in the conditions of a medical institution (according to list 2.1).	Foreign language, Ukrainian language (for professional direction),
SR12	Organize a 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.	Foreign language, Ukrainian language (for professional direction),
SR13	Determine the tactics of providing emergency medical care Assistance using recommended algorithms, under any circumstances, based on a diagnosis of urgent condition in a limited time (on list 4).	Foreign language, Ukrainian language (for professional direction),
SR14	Analyze and evaluate the state, social and medical information using standard approaches and computer information technology.	Foreign language, Ukrainian language (for professional direction),
SR15	To evaluate the environmental impact on the health of the population in the conditions of a medical institution according to standard methods.	Foreign language, Ukrainian language (for professional direction),
SR16	Perform medical manipulations based on pre and / or final clinical diagnosis (Lists 2, 2.1) for different populations and under different conditions (on list 6).	Foreign language, Ukrainian language (for professional direction),
SR17	Perform medical stomatologic manipulations on 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).	Foreign language, Ukrainian language (for professional direction),
SR18	Perform Emergency Handling medical care using standard circuits, under any circumstances based on a diagnosis of urgent condition (on list 4) in a limited time (in lists 6, 7)	Foreign language, Ukrainian language (for professional direction),
Natural science training		
GR1	To formulate goals and define a personal structure activity based on the results of the analysis of certain social and personal needs.	History of medicine Medical informatics
GR2	Adhere to a healthy lifestyle use self-regulation and self-control techniques.	History of medicine Anatomy of man Histology, cytology and embryology

		Physiology Microbiology, Virology and Immunology
GR3	Awareness and guidance in their activities civil rights, freedoms and duties, to raise the general cultural level.	Latin language and medical terminology History of medicine Foreign language (by professional orientation)
GR4	Adhere to ethical, bioethical and ethical requirements deontology in their professional activities	History of medicine
GR5	Organize the required level of individual safety (own and those 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
SR1	Allocate and 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 (in list 2).	Latin and medical terminology History of medicine Medical biology Biological and bioorganic chemistry Anatomy of man Histology, cytology and embryology Physiology Microbiology, Virology and Immunology
SR2	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).	Latin and medical terminology History of medicine Medical biology Biological and bioorganic chemistry Anatomy of man Histology, cytology and embryology Physiology Microbiology, Virology and Immunology
SR3	Assign and analyze laboratory, functional and / or instrumental survey (on the list 5) of a dental patient disease for the differential diagnosis of diseases (in list 2).	
SR4	Determine the final clinical diagnosis, adhering to relevant ethical and legal norms, by making a well-founded decision and the logical analysis of the received subjective and objective clinical data, additional examination, conduction of differential diagnostics under the supervision of a physician-supervisor in conditions medical institution (on the list 2.1).	Latin and medical terminology History of medicine Medical biology Biological and bioorganic chemistry Anatomy of man Histology, cytology and embryology Physiology Microbiology, Virology

		and Immunology
SR5	Establish a diagnosis of urgent conditions for any what circumstances (at home, on the street, in the medical room institution), in an emergency, military I will lack information and limited time (by List 4).	Latin and medical terminology History of medicine Medical biology Biological and bioorganic chemistry Anatomy of man Histology, cytology and embryology Physiology Microbiology, Virology and Immunology
SR6	Plan and implement preventive measures dental diseases among the population for prevent the spread of dental diseases.	Biological and bioorganic chemistry Anatomy of man Histology, cytology and embryology Foreign language (in professional orientation) Physiology Microbiology, Virology and Immunology
SR7	Analyze the epidemiological state and conduct measures mass and individual, general and local pharmacological and non-medicated prevention of dental diseases	Biological and bioorganic chemistry Anatomy of man Histology, cytology and embryology Foreign language (in professional orientation) Physiology Microbiology, Virology and Immunology Medical informatics
SR8	Determine the nature of dental treatment disease (in list 2) by making a well-founded decision based on existing algorithms and standard circuits	Latin language and medical terminology
SR9	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 Anatomy of man Histology, cytology and embryology Foreign language (in professional orientation) Physiology Microbiology, Virology and Immunology
SR10	Determine the tactics of dental management a patient with somatic pathology (on the list 3) by making a reasonable decision based on existing algorithms and standard schemes.	Biological and bioorganic chemistry Anatomy of man Histology, cytology and embryology

		Foreign language (in professional orientation) Physiology Microbiology, Virology and Immunology
SR11	Carry out basic dental treatment diseases according to existing algorithms and standard circuits under the supervision of a physician-manager in the conditions of a medical institution (according to list 2.1).	Biological and bioorganic chemistry Anatomy of man Histology, cytology and embryology Foreign language (in professional orientation) Physiology Microbiology, Virology and Immunology
SR12	Organize a 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 Anatomy of man Histology, cytology and embryology Foreign language (in professional orientation) Physiology Microbiology, Virology and Immunology
SR13	Determine the tactics of providing emergency medical care assistance using recommended algorithms, under any circumstances, based on a diagnosis of urgent condition in a limited time (on list 4).	Biological and bioorganic chemistry Anatomy of man Histology, cytology and embryology Foreign language (in professional orientation) Physiology Microbiology, Virology and Immunology
SR14	Analyze and evaluate the state, social and medical information using standard approaches and computer information technology.	Latin language and medical terminology Foreign language (in professional orientation) Medical informatics
SR15	Evaluate the environmental impact on the state of health of the population in the conditions of a medical institution according to standard methods.	Medical biology Biological and bioorganic chemistry Anatomy of man Histology, cytology and embryology Physiology Microbiology, Virology and Immunology Medical informatics

SR16	Perform medical manipulations based on pre and / or final clinical diagnosis (Lists 2, 2.1) for different populations and under different conditions (on list 6).	Biological and bioorganic chemistry Anatomy of man Histology, cytology and embryology Foreign language (in professional orientation) Physiology Microbiology, Virology and Immunology
SR17	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 Anatomy of man Histology, cytology and embryology Foreign language (in professional orientation) Physiology Microbiology, Virology and Immunology
SR18	Perform Emergency Handling medical care using standard circuits, under any circumstances based on a diagnosis of urgent condition (on list 4) in a limited time (in lists 6, 7).	Biological and bioorganic chemistry Anatomy of man Histology, cytology and embryology Foreign language (in professional orientation) Physiology Microbiology, Virology and Immunology
Professional Training		
GR 1	To formulate goals and define a personal structure activity based on the results of the analysis of certain social and personal needs.	Life safety; Fundamentals of bioethics and biosecurity; Hygiene and ecology; Medical law of Ukraine; Social medicine, public health; Labor protection in the field of
GR 2	To follow a healthy lifestyle. To use self-regulation and self-control methods.	Life Safety; Fundamentals of bioethics and biosafety; Propedeutics of internal medicine; Hygiene and ecology; Social medicine, public health and fundamentals of convincing medicine; Prevention of dental diseases;

		Social medicine, public health;
GR 3	To perceive civil rights, freedom and duties and follow them in his (her) activity, to raise the general culture level.	Life safety; Fundamentals of bioethics and biosafety; Social medicine, public health and fundamentals of convincing medicine; Medical Law of Ukraine; Social medicine, public health
GR 4	To follow the requirements of ethics, bioethics and deontology in professional activity.	Life safety; Fundamentals of bioethics and biosafety; Clinical anatomy and operative surgery; Propedeutics of internal medicine; Hygiene and ecology; Propedeutics of therapeutic stomatology; Propedeutics of orthopedic stomatology; Propedeutics of children's therapeutic stomatology; Pathomorphology; Pathophysiology; Pharmacology; Internal medicine (including infectious diseases and epidemiology, clinical pharmacology); Surgery (including oncology and neurosurgery); Social medicine, public health and fundamentals of convincing medicine; Radiology; Forensic medicine (stomatology). Medical Law of Ukraine: Prevention of dental diseases; Therapeutic stomatology; Orthodontics; Phthisiology; Pediatrics; Obstetrics; Children's therapeutic stomatology; Children's surgical dentistry.) Social medicine, public

		health. Special and emergency care; Occupational protection in the field of General medical training; Training of reserve officers in the field of “Health protection”. Specialty “stomatology”; Industrial practice.
SR 1	To distinguish and identify the leading clinical symptoms and syndromes (list 1); to make veritable nosological or syndrome provisional clinical diagnosis of stomatological disease (list 2) according to the standard methods using preliminary anamnesis data of a patient, information about a person, his (her) organs and systems.	Propedeutics of internal medicine; Propedeutics of therapeutic stomatology; Propedeutics of children’s therapeutic stomatology; Pathomorphology; Pathophysiology; Pharmacology; Propedeutics of orthopedic stomatology; Internal medicine (including infectious diseases and epidemiology, clinical pharmacology); Surgery (including oncology and neurosurgery); Radiology; Prevention of dental diseases; Therapeutic stomatology; Orthodontics; Phthysiology; Pediatrics; Obstetrics; Children’s therapeutic stomatology; Children’s surgical stomatology; Otolaryngology; General medical training; Industrial practice.
SR 2	To get information concerning the general condition of a patient, estimate psychomotor and physical development of a patient, the state of organs of the maxillofacial are on the basis of the results of the laboratory and instrumental investigations, to evaluate information as to diagnosis (list 5).	Life safety; Fundamentals of bioethics and biosafety; Propedeutics of internal medicine; Hygiene and ecology; Propedeutics of therapeutic stomatology; Propedeutics of orthopedic stomatology; Propedeutics of children’s therapeutic stomatology;

		Pathomorphology; Pathophysiology; Pharmacology; Internal medicine (including infectious diseases and epidemiology, clinical pharmacology); Surgery (including oncology and neurosurgery); Radiology; Prevention of stomatological diseases; Therapeutic stomatology; Surgical stomatology; Orthopedic stomatology; Orthodontics; Phthisiology; Pediatrics; Obstetrics; Children's therapeutic stomatology; Children's surgical stomatology; Otolaryngology; Industrial practice.
SR 3	Assign and analyze laboratory, functional and/or instrumental examination (list 5) of a patient with dental disease to carry out differential diagnostics of diseases (list 2).	Propedeutics of therapeutic dentistry; Propedeutics of orthopedic dentistry; Propedeutics of children's therapeutic dentistry; Pathomorphology; Pathophysiology; Radiology; Prophylaxis of dental diseases; Therapeutic dentistry; Surgical dentistry; Orthopedic dentistry; Orthodontics; Children's therapeutic dentistry; Children's surgical dentistry; Industrial practice
SR 4	To determine final clinical diagnosis, following corresponding ethic and juridical norms, by means of adopted substantiated decision and logical analyses of the obtained subjective and objective data of clinical, additional examination, carrying out differential diagnostics under doctor-guide under conditions of the medical establishment (list 2.1).	Propedeutics of therapeutic stomatology; Propedeutics of orthopedic stomatology; Propedeutics of children's therapeutic stomatology; Pathomorphology; Pathophysiology;

		<p>Radiology; Prevention of dental diseases; Therapeutic stomatology; Orthodontics; Children's therapeutic stomatology; Children's surgical dentistry; Industrial practice.</p>
SR 5	<p>To determine diagnosis of urgent conditions at any circumstances (at home, in the street, medical establishment), under emergency situation, lack of information and limited time (list 4).</p>	<p>Internal medicine (including infectious diseases and epidemiology, clinical pharmacology); Surgery (including oncology and neurosurgery); Social medicine, public health and fundamentals of convincing medicine; Radiology; Surgical dentistry; Therapeutic stomatology; Phthysiology; Pediatrics; Obstetrics; Children's therapeutic stomatology; Children's surgical dentistry; Special and emergency care; Occupational protection in the field; General medical training; Otolaryngology; Industrial practice.</p>
SR 6	<p>To plan and implement preventive measures of stomatological diseases among the population in order to avoid dental diseases spreading.</p>	<p>Internal medicine (including infectious diseases and epidemiology, clinical pharmacology); Surgery (including oncology and neurosurgery); Social medicine, public health and fundamentals of convincing medicine; Orthopedic stomatology; Orthodontics; General medical training; Otolaryngology; Prevention of dental diseases; Surgical stomatology; Children's therapeutic stomatology; Industrial practice; Children's therapeutic stomatology;</p>

SR 7	To analyze epidemiological condition and carry-out measures of mass and individual, general and local medicamentous and non-medicamentous prophylaxis of dental diseases.	Internal medicine (including infectious diseases and epidemiology, clinical pharmacology); Surgery (including oncology and neurosurgery); Social medicine, public health and fundamentals of convincing medicine; Prophylaxis of dental diseases; Surgical stomatology; Orthopedic stomatology; Orthodontics; Children's therapeutic stomatology; Children's surgical stomatology. Otolaryngology; Industrial practice.
SR 8	To determine the nature of the dental disease treatment (list 2) on the basis of adopted substantiated decision according to the existing algorithms and standard schemes.	Propedeutics of therapeutic stomatology; Propedeutics of orthopedic stomatology; Propedeutics of children's therapeutic stomatology; Pharmacology; Therapeutic stomatology; Surgical stomatology; Orthopedic stomatology; Orthodontics; Children's therapeutic stomatology; Children's surgical stomatology; Industrial practice
SR 9	To determine the character, principles of the working regime, rest and necessary diet when treating dental diseases (list 2) on the basis of preliminary or final clinical diagnosis taking a substantiated decision according to the existing algorithms and standard schemes.	Propedeutics of therapeutic stomatology; Propedeutics of orthopedic stomatology; Propedeutics of children's therapeutic stomatology; Pharmacology; Therapeutic stomatology; Surgical stomatology; Orthopedic stomatology; Orthodontics; Children's therapeutic stomatology; Children's surgical stomatology; Industrial practice.
SR 10	To determine the technique of dental management of a patient at somatic pathology (list 3) taking substantiated decision	Propedeutics of internal medicine;

	according the existing algorithms and standard schemes.	Propedeutics of therapeutic stomatology; Propedeutics of orthopedic stomatology; Propedeutics of children's therapeutic stomatology; Internal medicine (including infectious diseases and epidemiology, clinical pharmacology); Surgery (including oncology and neurosurgery); Therapeutic stomatology; Surgical stomatology; Orthopedic stomatology; Orthodontics Children's therapeutic stomatology; Children's surgical stomatology. <i>Industrial practice.</i>
SR 11	To conduct treatment of the basic dental diseases according to the existing algorithms and standard schemes under doctor-guide control in medical establishment (list 2.1).	Propedeutics of therapeutic stomatology; Propedeutics of orthopedic stomatology; Propedeutics of children's therapeutic stomatology; Therapeutic stomatology; Surgical dentistry; Orthopedic stomatology; Orthodontics; Children's therapeutic stomatology; Children's surgical stomatology; <i>Industrial practice.</i>
SR 12	To organize medical evacuation measures among population, servicemen, under conditions of emergency, including martial law, during extensive stages of medical evacuation, taking into account the existing systems of the medical-evacuation provision.	Life safety; Fundamentals of bioethics and biosafety; Special and emergency medical care; Training of the reserve officers in the field of "Health protection". Specialty "Stomatology".
SR 13	To determine the tactics of providing emergency medical aid, using the recommended algorithms at any circumstances on the basis of the urgent state under conditions of the limited time (list 4).	Life safety; Fundamentals of bioethics and biosafety; Internal medicine (including infectious diseases and epidemiology, clinical pharmacology); Surgery (including oncology and

		neurosurgery); Therapeutic stomatology; Surgical stomatology; Pediatrics; Obstetrics; Children's therapeutic stomatology; Children's surgical stomatology; Special and emergency care; Otolaryngology; General medical training.
SR 14	To analyze and evaluate the state, social and medical information using standard approaches and computer information technologies.	Life safety; Fundamentals of bioethics and biosafety; Clinical anatomy and operative surgery; Hygiene and ecology; Social medicine, public health and fundamentals of convincing medicine
SR 15	To estimate the environment influence upon the health condition of the population in conditions of the medical establishment according standard techniques.	Life safety; Fundamentals of bioethics and biosafety; Hygiene and ecology; Social medicine, public health and fundamentals of convincing medicine.
SR 16	To perform medical manipulations based on preliminary and/or final clinical diagnosis (lists 2, 2.1) for various sections of population and under different conditions (list 6).	Propedeutics of internal medicine; Propedeutics of therapeutic stomatology; Propedeutics of orthopedic stomatology; Propedeutics of children's therapeutic stomatology; Internal medicine (including infectious diseases and epidemiology, clinical pharmacology); Surgery (including oncology and neurosurgery); Prevention of dental diseases; Therapeutic stomatology; Surgical stomatology; Orthopedics stomatology; Pediatrics; Obstetrics; Children's therapeutic stomatology; Children's surgical stomatology; Special and emergency care; Otolaryngology; Industrial practice.

SR 17	To perform medical dental manipulations based on preliminary and/or final clinical diagnosis (lists 2, 2.1) for various sections of population and under different conditions (list 7).	Propedeutics of internal medicine; Propedeutics of orthopedic stomatology; Propedeutics of children's therapeutic stomatology; Prevention of dental diseases; Therapeutic stomatology; Surgical stomatology; Orthopedic stomatology; Orthodontics; Children's therapeutic stomatology; Children's surgical stomatology; Industrial practice.
SR 18	To perform manipulations of giving emergency medical aid using standard schemes at any circumstances on the basis of the emergency state diagnosis (list 4) under conditions of the limited time (lists 6, 7).	Clinical anatomy and operative surgery; Propedeutics of internal medicine; Hygiene and ecology; Propedeutics of therapeutic stomatology; Propedeutics of orthopedic stomatology; Propedeutics of children's therapeutic stomatology; Pathomorphology; Pathophysiology; Pharmacology; Internal medicine (including infectious diseases and epidemiology, clinical pharmacology); Surgery (including oncology and neurosurgery); Therapeutic stomatology; Surgical stomatology; Orthopedic stomatology; Orthodontics; Pediatrics; Obstetrics; Children's therapeutic stomatology; Children's surgical stomatology. Special and emergency care; Otolaryngology; Industrial practice.
Variation cycle of training		

GR 1	To form goals and define the structure of personal activity on the basis of the results of the analysis of certain social and personal needs.	Courses by choice
GR 2	To follow healthy lifestyle, use self-regulation and self-control techniques.	Courses by choice
GR 3	To realize and operate with civil rights, freedoms and duties in his (her) activity, to raise general educational cultural level.	Courses by choice
GR 4	To follow ethical, bioethical and deontology requirements in professional activity.	Course by choice
GR 5	To organize the required level of individual safety (own and of persons cared about) in case of origin of typical dangerous situations in individual field of activity.	Courses by choice
SR 1	To define and identify the leading clinical symptoms and syndromes (list 1); according to standard techniques, using preliminary data of patient's anamnesis, data of patient's examination, information about a person, his (her) organs and systems, to establish veritable nosological or syndrome pre-clinical diagnosis of dental disease (list 2).	Courses by choice
SR 2	To get information about general patient's state, to assess psychomotor and physical development of the patient, the state of the maxillofacial area organs, evaluate the information as to the diagnosis (list 5).	Course by choice
SR 3	To institute and analyze the laboratory, functional and/or instrumental examination (list 5) of a patient as to dental disease to carry out differential diagnostics of the diseases (list 2).	Course by choice
SR 4	To determine the final clinical diagnosis, following the corresponding ethic and juridical standards, by means of substantiated decision and logic analyses of the obtained subjective and objective data of the clinical, supplementary examination, carrying out differential diagnostics under the doctor-guide control under conditions of medical establishment (list 2.1).	Course by choice
SR 5	To make a diagnosis of the emergency conditions at any circumstances (at home, in the street, in medical establishment), under conditions of emergency situation, martial law, lack of information and limited time (list 4).	Course by choice
SR 6	To plan and implement measures to prevent dental diseases among the population and avoid the spreading of dental diseases.	Course by choice
SR 7	To analyze epidemiological state and conduct measures of the mass and individual, general and local medicamentous and non-medicamentous prophylaxis of dental diseases.	Course by choice
SR 8	To determine the therapy character of dental disease (list 2) by means of taking substantiated decision (list 2) according to the existing algorithms and standard schemes.	Course by choice
SR 9	To determine the character, principles of the working regime, rest and necessary diet when treating dental diseases (list 2) on the basis of the preliminary or final clinical diagnosis by means taking the substantiated decision according to the existing algorithms and standard schemes.	Course by choice
SR 10	To determine the tactics of dental management of a patient at somatic pathology (list 3) by means of taking the substantiated decision according to the existing algorithms and standard schemes.	Course by choice
SR 11	To conduct treatment of the main dental diseases according to	Course by choice

	the existing algorithms and standard schemes under doctor supervision in conditions of medical establishment (list 2.1).	
SR 12	To organize the medical-evacuation measures among the population, servicemen under conditions of emergency including martial law, during the developed stages of medical evacuation taking into account the existing systems of the medical-evacuation support.	Course by choice
SR 13	To determine the tactics of giving urgent medical aid, using the recommended algorithms at any circumstances on the basis of the diagnosis of urgent state under conditions of the limited time (list 4).	Course by choice
SR 14	To analyze and estimate the state, social and medical information using the standard approaches and computer information technologies.	Course by choice
SR 15	To estimate the environment influence on the state of the population health under conditions of medical establishment according to the standard techniques.	Course by choice
SR 16	To perform medical manipulations on the basis of the preliminary and/or final clinical diagnosis (lists (2, 2.1) for various sections of population and under different conditions (list 6).	Course by choice
SR 17	To perform medical dental manipulations on the base of preliminary and/or final clinical diagnosis (lists 2, 2.1) for various sections of population and under different conditions (list 7).	Course by choice
SR 18	To perform manipulations of giving special aid, using standard schemes, at any circumstances on the basis of diagnosis of the emergency state (list 4) under conditions of limited time (lists 6, 7).	Course by choice

6. DISTRIBUTION OF THE PROGRAM CONTENT ACCORDING TO EDUCATIONAL ACTIVITIES

#	Type of educational activity	Amount, ETCS credits	Amount, hours
I. Normative part		281	8430
Humanitarian and socio-economic training			
1.	Ukrainian Language	6	180
2.	History of Ukraine and Ukrainian culture	3	90
3.	Philosophy	3	90
	Total	12	360
Scientific training			
4.	Latin Language and Fundamentals of Medical Terminology	3	90
5.	History of Medicine	3	90
6.	Medical Biology	5	150
7.	Medical and Biological Physics	4	120
8.	Medical Chemistry	3	90
9.	Biological and Bioorganic Chemistry	8	240
10.	Human Anatomy	11	330
11.	Histology, Cytology and Embryology	7	210
12.	Ukrainian Language (professional use)	6	180
13.	Physiology	6	180

14.	Microbiology, Virology and Immunology	5	150
15.	Medical Computer Science	3	90
	Total	64	1920
	Professional training		
16.	Safety Medicine and Fundamentals of Bioethics and Biosafety	3	90
17.	Clinical Anatomy and Operative Surgery	3	90
18.	Internal Medicine Propaedeutic	3	90
19.	Hygiene and Ecology	3	90
20.	Therapeutic Dentistry Propaedeutic	4	120
21.	Orthopedic Dentistry Propaedeutic	4	120
22.	Pediatric Therapeutic Dentistry Propaedeutic	3	90
23.	Pathomorphology	6	180
24.	Pathophysiology	6	180
25.	Pharmacology	6	180
26.	Internal Medicine (including Infectious Diseases and Epidemiology, Clinical Pharmacology)	7	210
27.	Surgery (including Oncology and Neurosurgery)	8	240
28.	Social Medicine, Public Health and Fundamentals of Evident Medicine	3	90
29.	Radiology	3	90
30.	Forensic Medicine (Dentistry) Medical Law of Ukraine	3	90
31.	Prevention of Dental Diseases	4	120
32.	Therapeutic Dentistry	21	630
33.	Dental Surgery	19,5	585
34.	Orthopedic Dentistry	19,5	585
35.	Orthodontics	10	300
36.	Phthisiatrics	3	90
37.	Pediatrics	3	90
38.	Obstetrics	3	90
39.	Pediatric Therapeutic Dentistry	10	300
40.	Pediatric Dental Surgery	6	180
41.	Social Medicine, Public Health	3	90
42.	Emergency and Urgent Medical Aid	3	90
43.	Occupational Safety	3	90
44.	General Medical Training (Ophthalmology, Neurology, including Neurodentistry; Dermatology, Venereology; Psychiatry, Narcology; Medical Psychology; Physical Rehabilitation, Sports Medicine, Endocrinology)	8	240
45.	Otorhinolaryngology	3	90
46.	Practice	21	630
	Total	205	6150
II	Variative Part	19	570
	Selective course (<i>appendix</i>)	19	570
III	Physical Education	0	320
IV	Attestation	0	60
	Total according to the program	300	9380

7. REQUIREMENTS TO THE STRUCTURE OF DISCIPLINES AND PRACTICES

The results of the master's studies are determined by the types of educational activities, as the specification of training program (integrative) learning outcomes in the curricula and is used as criteria for selecting the necessary content modules and corresponding teaching elements.

The connection of an educational program with curricula 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 mastering, 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 curriculum for the disciplines.

8. FORMS OF ATTESTATION OF HIGHER EDUCATION APPLICANTS

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

The attestation is carried out by assessing the degree of competence formation in the form of a single state qualification exam, which consists of the following components:

- Integrated test "STEP";
- Objective Structured Practical (Clinical) Exam;
- Professional English exam.

Stages and Mandatory Components of a Single State Qualification Exam:

The first stage (in the third year of study)	The second stage (in the fifth year of study)
<ul style="list-style-type: none">- STEP 1;- Professional English	<ul style="list-style-type: none">- STEP 2;- Objective Structured Practical (Clinical) Exam

9. TERMS OF TRAINING ACCORDING TO FORMS

Training is carried out only in full-time form.

The term of study is 5 years.

10. STRUCTURAL-LOGICAL DIAGRAM

Succession of educational activity of a learner:

№	Name of the subject	Distribution for years				
		1	2	3	4	5
1.	Ukrainian language	*				
2.	History of Ukraine and Ukrainian culture	*				
3.	Philosophy	*				
4.	Latin language and medical terminology	*				
5.	The history of medicine	*				
6.	Medical biology	*				
7.	Medical and biological physics	*				
8.	Medical chemistry	*				
9.	Biological and biorganic chemistry	*	*			
10.	Human Anatomy	*				
11.	Histology, cytology and embryology	*				
12.	Ukrainian language (for professional purposes)	*	*	*	*	
13.	Physiology		*			
14.	Microbiology, Virology and Immunology		*			
15.	Medical informatics		*			

16.	Life Safety; the basis of bioethics and biosecurity	*				
17.	Clinical anatomy and operative surgery		*			
18.	Propaedeutics of internal medicine		*			
19.	Hygiene and ecology		*			
20.	Propaedeutics of stomatological medicine		*			
21.	Propaedeutics of orthopedic stomatology		*			
22.	Propaedeutics of pediatric therapeutic dentistry		*			
23.	Pathomorphology		*	*		
24.	Pathophysiology		*	*		
25.	Pharmacology		*	*		
26.	Internal Medicine (including infectious diseases, epidemiology and clinical pharmacology)			*	*	
27.	Surgery including oncology and neurosurgery			*	*	
28.	Social medicine, public health and basics of evidential medicine			*		
29.	Radiology			*		
30.	Forensic Medicine (Dentistry). Medical Law of Ukraine.			*		
31.	Prophylaxis of stomatological diseases			*		
32.	Therapeutic stomatology			*	*	*
33.	Surgical dentistry			*	*	*
34.	Orthopedic dentistry			*	*	*
35.	Orthodontics			*	*	*
36.	Phthisiatry				*	
37.	Pediatrics				*	
38.	Obstetrics				*	
39.	Pediatric therapeutic dentistry				*	*
40.	Pediatric surgical dentistry				*	*
41.	Social medicine, public health					*
42.	Urgent and emergency help					*
43.	Occupational safety in particular field			*		
44.	General medical training (ophtalmology, neurology, including neurostomatology; dermatology; narcology; medical psychology; physical rehabilitation; sports medicine; endocrinology)				*	
45.	Otolaryngology				*	
46.	Practice		*	*	*	*
	Courses by choice					*
	Physical training	*	*			
	Attestation					*

11. REQUIREMENTS FOR THE EXISTENCE OF THE INTERNAL SECURITY SYSTEM OF HIGHER EDUCATION

The internal quality assurance of higher education is carried out in accordance with the Provision on the system of quality assurance of educational activities of the University and the quality of higher education (internal quality assurance system) at the Higher State Educational Institution of Ukraine "Bukovinian State Medical University", which provides for 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 graduates, scientific and pedagogical and pedagogical staff of the institution of higher education, and the regular publication of the results of such assessments on the official website of the institution of higher education, on information stands and in any other way;
- 4) ensuring the professional development of pedagogical, scientific and scientific and pedagogical workers;
- 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 prevention and detection of academic plagiarism in scientific works of higher education institutions and higher education graduates;
- 9) other procedures and measures.

The system of providing higher education institutions with quality education and higher education quality (internal quality assurance system) upon submission of higher education institutions is assessed by the National Agency for the Quality Assurance of Higher Education or independent institutions 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 Education, approved by the National Agency for the Quality Assurance of Higher Education, and International Standards and Recommendations for Ensuring quality of higher education.

13. FINAL PROVISIONS

The educational-professional program is put into effect from 01.09.2019 in accordance with the decision of the academic council of the State Higher Educational Institution of Ukraine "Bukovinsky State Medical University" (Minutes No. 9 dated May 23, 2019), is made available on the University's website prior to admission to training in accordance with Rules of admission.

Changes to the educational-professional program are introduced by the heads of the departments to the Central Methodical Commission, which examines them and presents them at the Academic Council of the University. After approval by the academic council, the order of the rector changes are introduced to the educational-professional program of training specialists.

List 1 (syndromes and symptoms)

1. anaemia
2. malocclusion
3. facial asymmetry
4. pain in mandibular activity
5. pain in cardiac region
6. dental pain
7. abdominal pain
8. pain in soft tissue of maxillo-facial region
9. pain in facial bones
10. loss of consciousness
11. loss of dental epithelial attachment
12. haemorrhagic syndrome
13. hyperaesthesia
14. hypersalivation
15. headache
16. rhinolalia opened and closed
17. defects of the coronal part of teeth
18. deformation of the bones of facial skeleton
19. deformation of occlusion
20. jaundice
21. asphyxia (asphyxiation) or shortness of breath
22. faintness
23. changed color of teeth
24. changed color of the skin cover, oral mucous membrane
25. changes in the intra-alveolar height
26. convergence (divergence) of teeth
27. fever
28. lymphadenopathy
29. macrocheilia
30. maceration at the corners of the mouth
31. meningeal syndrome
32. oedematous syndrome
33. extracoronary deposits
34. presence of inflammatory, socket-like and tumorous infiltration in the maxillofacial area
35. the presence of elements of lesions on the skin and the mucous membrane of the oral cavity
36. presence of a parodontal socket
37. presence (non-symphysis) of fissural facial defects
38. paresis, paralysis of the maxillo-facial location
39. mandibular activity dysfunction
40. defects of the proportion of face
41. dysgeusia
42. dysaesthesia of the maxillo-facial region
43. tumors and tumor-like neoplasms in the maxillo-facial area
44. fistulous passage
45. mobility of the fractures of the bones of the facial skeleton
46. pathology of teeth mobility
47. gum recession
48. 'parchment crunch' symptom
49. dryness of the mucous membrane of the oral cavity
50. partial and complete loss of teeth
51. fluctuation
52. cyanosis (diffuse and local)

List 2 (Stomatological diseases)

1. Therapeutic stomatology:

A) Non carious lesions of the hard tissues of the teeth:

1. hyperaesthesia
2. hypoplasia of the enamel
3. fluorose
4. erosion of the hard tissues
5. wedge-shaped defect
6. pathological tooth abrasion
7. hard tissue necrosis of the tooth
8. discolorations
9. traumatical injuries of teeth

B) Dental caries and its complications:

10. caries
11. pulpitis
12. periodontitis

C) Diseases of parodontium:

13. pappilitis
14. gingivitis (localized and generalized)
15. parodontitis (localized and generalized)
16. parodontosis
17. idiopathic diseases of parodontium

D) Diseases of mucous membrane of the oral cavity

18. traumatic injuries of MMOR (mucous membrane of the oral cavity)
19. auto infectious diseases of MMOR (acute, aphthous stomatitis, herpetic, ulcerous-nercrotic, candidal lesions of MMOR)
20. secondary bacterial diseases (diphtheria, tuberculosis, syphilis, gonorrhoea)
21. MMOR disease in dermatosis with an autoimmune component of pathogenesis (pustular, red lichen planus, red lupus)
22. changes of MMOR with allergic lesions
23. MMOR changes in intoxication with salts of the heavy metals
24. symptomatic viral diseases (AIDS, flu, foot and mouth disease, infectious mononucleosis).
25. symptomatic manifestations of MMOR diseases of the gastrointestinal tract (peptic ulcer disease, gastritis, enteritis, colitis, chronic hepatitis)
26. symptomatic manifestations of cardiovascular diseases (cardiovascular failure, essential hypertension)
27. symptomatic manifestations of MMOR diseases of the endocrine system (acromegaly, Itsenka-Cushing's syndrome, diabetes mellitus, hyperthyroidism and hypothyroidism)
28. symptomatic manifestations of MMOR in blood diseases (anemia, thrombocytopenic purpura, leukemia)
29. symptomatic manifestations of hypo-and avitaminosis in MMOR
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. cheilitis independent and symptomatic (actinic, meteorological, contact allergic, glandular, exfoliative, eczematous, atopic)

D) PRE-CANCER OF MMOR AND VERMILION BORDER OF THE LIP:

33. obligate pre-cancers (Bowen's disease, warty precancer, limited pre-cancerous hyperkeratosis,

cheilitis Manganotti)

34. facultative pre-cancers

2. Pediatric Stomatology:

A) Pathology of teeth:

35. enamel hypoplasia (systemic and local)

36. endemic fluorosis

37. birth defects in the development of hard teeth tissues in children

38. caries and its complications in temporary and permanent teeth in children

39. traumatic dental injuries

B) Periodontal pathology:

40. gingivitis

41. idiomatic periodontal diseases

42. parodontitis

C) Pathology of the mucous membrane of the oral cavity:

43. MMOR allergic diseases

44. Anomalies and tongue diseases

45. fungal lesions of MMOR in children

46. MMOR changes in systemic diseases

47. MMOR changes in specific diseases

48. manifestations of acute viral and infectious diseases on MMOR (diphtheria, chicken pox, measles, infectious mononucleosis, scarlet fever).

49. viral diseases of MMOR (acute herpetic stomatitis, recurrent herpetic stomatitis, herpes zoster)

50. independent and symptomatic cheilitis, glossitis

D) inflammatory diseases of dento-facial area::

51. periostitis

52. diseases of the temporomandibular joint

53. diseases of the salivary glands

54. lymphadenitis

55. neodontogenic inflammatory processes of soft tissues (furuncle, carbuncle, erysipelas)

56. jaw osteomyelitis

57. specific inflammatory processes (tuberculosis, syphilis, actinomycosis)

58. phlegmons and abscesses

E) Injuries of dento-facial area:

59. soft tissues injuries (wounds, burns), teeth, jaws, facial bones

F) Tumors and tumor-like formations of the dento-facial region:

60. qualitative tumors and tumor-like formations of soft tissues and bones of the face

61. malignant tumors of soft tissues and bones of the face

G) Congenital malformations of the face::

62. non-union of the upper lip, alveolar process, hard and soft tissues (isolated and through)

63. anomalies of soft tissue attachment in the oral cavity (frenulum of the lip, tongue shallow vestibulum of the oral cavity)

3. Surgical stomatology:

A) Inflammatory diseases of dento-facial area:

64. deep and superficial phlegmons, abscesses
65. lymphadenitis
66. neuritis of the trigeminal nerve, facial nerve, neuralgia
67. neodontogenic inflammatory processes
68. odontogenic sinusitis
69. parodontitis, periodontitis, alveolitis, periostitis, osteomyelitis; pericoronaritis
70. inflammatory diseases of the salivary glands
71. specific inflammatory processes (tuberculosis, syphilis, actinomycosis)

B) Injuries to the maxillofacial area:

72. injuries of the teeth and bones of the facial skeleton
73. injuries of soft tissues, tongue and mucous membrane of the mouth
74. gunshot and non-fatal wounds of tissues of maxillofacial localization; cranio-dental-facial injuries
75. thermal, chemical, electrical and radial damages of tissues of maxillofacial localization; combined injury

C) Diseases of the temporomandibular joint:

76. arthritis, arthrosis, arthritus, arthrosis
77. ankylosis
78. temporomandibular joint dysfunction, dislocation and contracture of the mandible

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

79. benign tumors and tumor-like structures of MMOR, salivary glands, soft tissues of the maxillofacial localization and neck, bones of the facial skeleton
80. pre-cancerous diseases and malignant tumors of MMOR, salivary glands, soft tissues of maxillofacial localization and neck, bones of the facial skeleton

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

81. anomalies of development of teeth, congenital jaw deformities, defects and deformation of the bones of the facial skeleton, combined anomalies and deformations of the cerebral and facial skeleton and the dental-jaw system
82. congenital defects and deformities of soft tissues of the head and neck
83. acquired defects and deformation 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, adentias, gingival recession
85. cosmetic defects and deformation of the organs and tissues of the head and neck

F) Dysplastic diseases of maxillofacial localization

86. dystrophic diseases of periodontal tissues
87. sialosis
88. dysplastic diseases of the soft tissues of the head and neck

G) Neuro-stomatological diseases

89. neuritis, neuralgia of the trigeminal nerve

4. Orthopedic stomatology:

90. partial loss of teeth
 - a) distal limited defects in the dentition
 - b) distally unlimited defects of dentition
91. total loss of teeth

92. excessive abrasion of teeth
93. defects of the crown part of the teeth
94. complete destruction of the crown part of the tooth
95. secondary deformation of the dentition
96. para-function of chewing muscles
97. bruxism
98. injuries and defects of the jaw, nose, ears, orbits, combined defects
99. temporal mandibular joint disease

5. Orthodontics

A) anomalies of individual teeth:

100. sizes
- 101 shape
102. quantities

B) anomalies in the position of the teeth:

103. diastems and thremas
104. crowding of teeth
105. tartoanomalialia
106. vestibulo-oral position of the teeth, dystopia, retention, supra-infraposition

C) sagittal anomalies of bite:

107. progenia (mesial) (skeletal, dental alveolar)
108. prognathia (distal) (skeletal, dental alveolar)

D) vertical bite anomalies:

92. open (skeletal, dental veolar)
93. deep (skeletal, dental alveolar)

E) transverse anomalies of bite:

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

List 2 (the most common dental diseases)

A. Pathology of teeth:

1. non-carious lesions of the 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:

1. papillitis
2. gingivitis
3. periodontitis
4. periodontal disease

C. The pathology of the mucous membrane of the oral cavity:

9. traumatic injuries
10. autoinfectious diseases MMOR (acute aphthous stomatitis, herpetic, ulcerative-necrotic, candidiasis lesions of MMOR)
11. allergic lesions

D. Common inflammatory diseases of dento-facial area:

- 12. alveolitis
- 13. pericoronaritis
- 14. periositis
- 15. lymphadenitis

E. Injuries of the dento-facial area:

- 16. traumatic damages of soft facial tissues
- 17. acute and common dislocation of the lower jaw
- 18. uncomplicated fractures of the upper and lower jaws

F. Orthopedic pathology:

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

List 3

Physiological conditions and somatic diseases requiring special patient management strategies

A) Physiological conditions::

1.pregnancy

B) Diseases of the blood and hematopoietic organs:

2.anemia

3.hemophilia

4.leukemia

5.thrombocytopenic purpura

B) Cardiovascular diseases:

6. arterial hypertension

7. rheumatism

8. infective endocarditis

9. heart disease

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

G) Pathology of the musculoskeletal system and connective tissue:

14. systemic vasculitis (hemorrhagic vasculitis)

H. 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. gonorrhoea

26. syphilis

List 4 (urgent states):

1. asphyxia (including newborns)
2. hypertensive crisis
3. acute respiratory failure
4. acute heart failure
5. acute poisoning
6. "sharp" stomach
7. electrical trauma
8. unconsciousness
9. external bleeding
10. collapse
11. coma
12. edema of the larynx
13. Queen's edema
14. burns and frostbite
15. convulsions
16. drowning
17. Physiological birth
18. shock
19. trauma of bones

List 5 (laboratory and instrumental studies):

1. analysis of neoplastic punctata of soft tissues and bones
2. histomorphological study of bioptic pattern of lymph nodes, salivary glands, mucous membranes, soft tissues
3. analysis of blood glucose content
4. study of control and diagnostic models of jaws
5. study of the functions of maxilla-dental dysplasia (breathing, swallowing, speech, chewing and temporomandibular joint)
6. full blood count
7. common urine analysis
8. biochemical blood assay
9. immunological study in dental diseases
10. analysis of the coagulogram
11. interpretation of radial diagnostics of the skull, jaw and dental apparatus, salivary glands
12. cytological examination of organs and tissues of jaw and dental apparatus,
13. microbiological study of oral fluid, smears from MMOR, periodontal disease
14. functional diagnostics of the oral cavity (luminescent, reoparodontography, stomatology, angioscopy, vacuum test, etc.).

List 6 (medical manipulations)

1. to perform artificial respiration;
2. to carry out an indirect heart massage;
3. to fix the tongue;
4. to make a temporary stop of external bleeding;
5. to conduct primary surgical treatment of wounds;
6. to rinse the stomach, intestine;
7. to carry transport immobilization;
8. to inject medicinal substances (intramuscular, subcutaneous, intravenous, and drop introduction);
9. to measure arterial pressure;
10. to carry out the primary toilet of the newborn;
11. to determine blood groups, Rh-affinity

List 7 (dental manipulations)

1. alveolotomy
2. amputation of the pulp of temporary and permanent teeth
3. teeth whitening
4. selective polishing of the teeth, alignment of the occlusal surface, occlusogram
5. manufacture of temporary splints and splinting for fractures of the teeth, alveolar processes and jaws
6. determining the acid resistance of the tooth enamel
8. reduction of the dislocation of the mandible
9. fissure sealing
10. diagnostic use of dyes
11. diathermocoagulation
12. pulp extirpation of the temporary and permanent teeth
13. electrodentist diagnostics
14. instillation of drugs in periodontal pockets
15. local anesthesia in the treatment of dental diseases by various methods (application, infiltration, conduction)
16. removal of artificial crowns
17. control 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. drug treatment of the affected areas of the mucous membrane of the oral cavity and periodontal disease
23. overlaying and removing temporary seals and sealing bandages when treating caries, pulpitis, periodontitis
24. receiving anatomical and functional imprints with different imprint material
25. receiving models of dental rows and prosthetic beds
26. receipt of control-diagnostic models
27. check the design of the prosthesis with partial and complete absence of teeth
28. stopping of carious cavities of temporary and permanent teeth with different filling materials
29. stopping of root canals of temporary and permanent teeth with different materials
30. covering teeth with therapeutic and preventive varnishes, gels
31. preparation of teeth under a metal swaged 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 sealing material.
34. preparation and overlay of hardening and non-hardening periodontal bandages
35. fitting different kinds of artificial crowns
36. conduction of intradental electrophoresis
37. occupational hygiene of the oral cavity
38. conduction of physiological separation
39. disclosure of the periodontal abscess
40. incision and cutting of the operculum in pericoronaritis
41. periostomy
42. typical and atypical removal of temporary and permanent teeth
43. fixation of crowns and bridge-like prosthetics
44. surgical treatment of wounds of soft facial tissues within anatomical area of seal polishing from all kinds of fillings