

MINISTRY OF HEALTH OF UKRAINE
ODESA NATIONAL MEDICAL UNIVERSITY

APPROVED

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IMPLEMENTED

**By order
Of the Rector of
Odessa National Medical University**

Valerii ZAPOROZHAN
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CONCEPT OF EDUCATIONAL ACTIVITY

**by specialty 221 "Dentistry" field of knowledge 22 "Health care"
at Odessa National Medical University**

I. General provisions

Code and name of the specialty: specialty 221 "Dentistry" of the field of knowledge 22 "Health care".

Level of education: second (master's) level of higher education.

Degree of education: master's degree.

An approximate list of professional qualifications that are planned to be provided: educational qualification – master of dentistry; professional qualification – dentist; qualification in the diploma - master of dentistry, dentist.

Educational and professional program: "Dentistry".

The scope of the educational program: 300 ECTS credits.

The goal of the educational program: training of highly qualified specialists who are able to use acquired competences to solve complex tasks and problems in the field of dentistry and health care or in the process of learning characterized by uncertainty of conditions and requirements and to perform the professional activities of a dentist as well as to continue training with a high degree of autonomy.

Requirements for the level of education of persons entering: on the basis of a complete general secondary education according to the results of an external independent assessment. A person has the right to obtain a master's degree on the basis of the educational and qualification level of a junior specialist in the specialty 221 "Dentistry" in case of successful passing of professional entrance exams. Admission conditions are determined by the Rules of Admission to Odesa National Medical University.

II. Purpose, tasks and principles of the Concept implementation

The concept of the educational activity in the specialty 221 "Dentistry" of the field of knowledge 22 "Health care" (hereinafter - the Concept) is compiled on the basis of the Concept of educational activity approved by the Academic Council of ONMedU on January 16, 2020 and the Concept of strategic development of ONMedU for the period until 2025, approved by the Academic Council of ONMedU on February 8, 2021.

The strategic goal of the Concept is to create organizational, legal and socio-economic conditions for improving the quality of higher education in the specialty 221 "Dentistry" by bringing its standards to international and national requirements of higher medical education, effective use of material, technical and personnel potential, financial and economic resources university.

The main tasks of the Concept implementation are:

- formation of a favorable educational environment;
- shifting the focus to the personality of the student-practitioner;

- control of proactive clinical training;
- training based on practical knowledge acquisition;
- restoring trust in the medical profession.

The peculiarities of educational activities in the specialty 221 "Dentistry" of the field of knowledge 22 "Health care" at the Odesa National Medical University are:

- 1) focus on the formation of a professionally oriented position and outlook;
- 2) implementation of international educational standards, algorithms and technologies in the educational process;
- 3) development of divergent thinking and skills of its practical application;
- 4) promotion of the multifaceted development of the individual, in particular the formation of the ability to study with a high level of independence, critical thinking, creative approach, initiative, the ability to solve problems, the ability to assess risks, decisiveness and constructive management of feelings, entrepreneurship;
- 5) transformation of the educational process based on its reorientation to the practical training of higher education seekers and a problem-oriented approach to learning;
- 6) continuous monitoring of the educational process and quality assurance of the internal system of higher education;
- 7) focus on establishing uniform requirements and rules for assessing the level of knowledge, impartiality and objectivity of assessing the acquired knowledge;
- 8) focus on the formation of specific skills and competences in higher education seekers, in particular, complex solutions to clinical problems and problems related to professional activity; critical thinking; practical and emotional intelligence; flexibility of cognition, judgment and clinical decision-making; patient-centered relationship model; interpersonal interaction along the lines of "doctor-patient", "doctor-doctor", "doctor-middle medical staff", "doctor-junior medical staff";
- 9) feedback provision from the main stakeholders in the training process;
- 10) involvement of stakeholders, in particular representatives of employers, students of higher education, graduates, in the formation of the content of educational programs.

The principles of the Concept implementation are:

- inseparability of the processes of education, research and medical work;
- ensuring competitiveness owing to the guaranteed high quality of medical education;
- building an educational program based on competence;

- ensuring a unified approach to the development of an educational program with mandatory consideration of professional standards, definition of criteria for evaluating knowledge, abilities, skills and competences, terms and procedure for confirmation of qualifications obtained by a seeker of higher education;
- ensuring the independence and objectivity of the assessment of higher education seekers;
- scientifically based analysis of the needs of the labor market and prospects for the development of the medical industry;
- promotion in the acquisition of professional qualifications by seekers of higher education in particular owing to the organization of the educational process;
- recognition of high-quality practical training of higher education seekers as a necessary condition for obtaining the qualification of a doctor;
- compatibility of the educational program with international and national standards of higher education in specialty 221 "Dentistry";
- availability of all forms and types of educational services provided by the University for seekers of higher education;
- equality of conditions for each subject of education regarding the full realization of his abilities, talent, comprehensive development;
- humanism, democracy, priority of universal spiritual values;
- independence of educational activity from the influence of political parties, public and religious organizations;
- interaction with medical educational and scientific institutions of foreign countries;
- integration of education and science during the implementation of educational activities.

III. Realization of the educational process within the framework of the Concept

To achieve the goal and key tasks of the Concept realization, a holistic system of obtaining higher education in the specialty 221 "Dentistry" is being formed owing to the formation of a high-quality educational environment.

The basis for the organization of the educational process is competence-based, student-centered and practical-oriented approaches. The educational process is carried out using contextual, problem-oriented learning, modern information and communication technologies, in compliance with the principle of "lifelong learning" - continuous professional development.

The main forms of organization of the educational process are: lectures, practical classes, independent work, consultations, curation of patients, practical trainings and cycles of simulation training.

The main methods, techniques and technologies used in the educational process are anamnestic, clinical, laboratory, instrumental methods of conducting the diagnostic process, determining the leading symptoms and syndromes, determining the preliminary and clinical diagnosis; diagnostic technologies, treatment and prevention, management and organization of work in the field of health care.

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The educational process is focused on individual work with higher education seekers, which forms the conceptual basis for the formation of an educational environment in which the student should actively study. An individual approach is provided due to a flexible system of educational components, a significant number of elective courses, as well as the formation of the applicant's individual educational trajectory.

Evaluation of the learning outcomes of higher education seekers takes place in the form of ongoing control, final control and certification.

The main forms of current control are classroom assessment, test control and practical skills assessment.

The main forms of final control are tests, graded tests, oral and written exams.

Evaluation principles: objectivity, planning, systematicity, unity of requirements, openness, transparency, efficiency, accessibility and comprehensibility of the evaluation methodology, taking into account the individual capabilities of higher education seekers.

Certification of master's degree holders in the specialty 221 "Dentistry" takes place in the form of a unified state qualification exam (USQE), which consists of the following components: integrated test exam "STEP 1" and "STEP 2"; objective structured practical (clinical) exam (OSCE); professional English language exam.

As a result of mastering the components of the educational program, the graduate should have the following competencies:

- *Integral competence*: The ability to solve typical and complex specialized tasks and problems in the field of health care in the specialty "Dentistry", in professional activities or in the learning process, which involves conducting research

and/or implementing innovations and is characterized by the complexity and uncertainty of conditions and requirements.

- *General competences*: ability to abstract thinking, analysis and synthesis; knowledge and understanding of the subject area and understanding of professional activity; ability to apply knowledge in practical activities; ability to communicate in the national language both orally and in writing; ability to communicate in English; skills in using information communication technologies; ability to search, process and analyze information from various sources; ability to adapt and act in a new situation; ability to identify, pose and solve problems; ability to be critical and self-critical; ability to work in a team; desire to preserve the environment; ability to act socially responsibly and consciously; ability to realize one's rights and responsibilities as a member of society, to realize the values of a civil (free democratic) society and the need for its sustainable development, the rule of law, the rights and freedoms of a person and a citizen in Ukraine; ability to preserve and multiply moral, cultural, scientific values and achievements of society based on understanding the history and patterns of development of the subject area, its place in the general system of knowledge about nature and society and in the development of society, technology and technologies, to use various types and forms of motor activity for active recreation and leading a healthy lifestyle.

Special competencies: ability to collect medical information about the patient and analyze clinical data; ability to interpret the results of laboratory and instrumental research; ability to diagnose: determine preliminary, clinical, final, accompanying diagnosis, emergency conditions; ability to plan and carry out measures for the prevention of diseases of the organs and tissues of the oral cavity and maxillofacial region; ability to design the process of providing medical care: to determine the approaches, plan, types and principles of treatment of diseases of the organs and tissues of the oral cavity and maxillofacial region; ability to determine a rational regimen of work, rest, and diet in patients in the treatment of diseases of the organs and tissues of the oral cavity and maxillofacial region; ability to determine the management tactics of patients with diseases of the organs and tissues of the oral cavity and maxillofacial region with accompanying somatic diseases; ability to perform medical and dental manipulations; ability to treat the main diseases of the organs and tissues of the oral cavity and maxillofacial area; ability to organize and carry out medical evacuation measures; ability to determine tactics, methods and provision of emergency medical assistance; ability to organize and conduct a screening examination in dentistry; ability to assess the impact of the environment on the state of health of the population (individual, family, population); ability to maintain regulatory medical documentation; processing of state, social and medical

information; ability to organize and carry out rehabilitation measures and care for patients with diseases of the oral cavity and the maxilla-facial region; ability to legalдн support professional activities; ability to provide pre-medical care according to the protocols of tactical medicine.

Guarantor of the educational-professional program,

doctor of medical sciences, head

of the department of surgical dentistry, professor

Anatolii HULIUK