



«АККРЕДИТЕУ ЖӘНЕ РЕЙТИНГТІҢ
ТӘУЕЛСІЗ АГЕНТТІГІ» КЕМ

НУ «НЕЗАВИСИМОЕ АГЕНТСТВО
АККРЕДИТАЦИИ И РЕЙТИНГА»

INDEPENDENT AGENCY FOR
ACCREDITATION AND RATING

REPORT

on the results of the work of the external expert commission on
assessment for compliance with the requirements of the standards of
specialized accreditation of the educational program

7M10113 “Clinical Psychology”
7M10121 “Management in Healthcare”
7M10116 “Public Health”
Medical University of Astana

in the period from November 30 to December 2, 2022

INDEPENDENT ACCREDITATION AND RATING AGENCY
External expert commission

Attn:
Accreditation
IAAR Council



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(I) LIST OF SYMBOLS AND ABBREVIATIONS

AMP	Administrative and Management Personnel
HEI	Higher Education Institution
RoK SRSG	the state compulsory standard of education of the Republic of Kazakhstan;
SAC	State Attestation Commission
IED	Personal Learning Plan
COCP	Test QA Review Committee
KV	Electives
MES	Ministry of Education and Science
INVO	Ministry of Science and Higher Education
MoH	Ministry of Health;
NJSC "AMU", University	Non-profit joint-stock company "Medical University of Astana";
RW	Research activity
EP	learning program
CV	Mandatory Component
ATS	- the academic teaching staff;
SC	professional training;
WC	Work academic schedule
CPO	independent work of students;
MEDIA	The mass media;
QMS	quality management system;
TEP	standard curriculum;
EMCD	educational and methodological complex of the discipline;

(II) INTRODUCTION

In accordance with Order No. 117-22-OD dated September 26, 2022 of the Independent Accreditation and Rating Agency, from November 30 to December 2, 2022, an external expert commission assessed the compliance of the educational program 7M10113 Clinical Psychology of the Medical University of Astana with the standards of specialized accreditation of NAAR (No. 68-18/1-OД dated May 25, 2018, edition two).

The report of the external expert commission (EEC) contains an assessment of the submitted educational programs according to the NAAR criteria, recommendations of the EEC on further improvement of educational programs and parameters of the profile of educational programs.

The EEC composition:

- 1) **Chairman of EEC** – Svetlana Leonidovna Boyko, Dean of the Faculty, Grodno State Medical University (Republic of Belarus) *Off-line participation*
- 2) **IAAR expert** – Zhania Abayevna Dauletkaliyeva, PhD, Dean of the School of Public Health of NJSC "Medical University of Karaganda" (Republic of Kazakhstan) *Off-line participation*
- 3) **IAAR expert** – Kainarbayeva Maigul Seidullaevna, Candidate of Medical Sciences, Head of Department, Kazakh National Medical University named after Asfendiyarova (Republic of Kazakhstan) *Off-line participation*
- 4) **IAAR expert, employer** – Yessenev Olzhas Brimzhanovich, Chief Physician, Master of Business Administration in Health Care, anesthesiologist-resuscitator, GU Hospital with a polyclinic of the Police Department of North Kazakhstan region (Republic of Kazakhstan) *On-line participation*
- 5) **IAAR expert, student - Arysbeke** Nurzhan Shynybekuly, 2nd year master's degree student of the Public Health Department of the South Kazakhstan Medical Academy (Republic of Kazakhstan) *On-line participation*
- 6) **IAAR Coordinator** – Malika Akhyadovna Saidulaeva, Project Manager of the Independent Accreditation and Rating Agency (Republic of Kazakhstan). *Off-line participation*

(III) INTRODUCTION BY THE ORGANIZATION FOR EDUCATION

The history of NJSC AMU is a path of formation and improvement more than 50 years long. The University was established in October 1964 as the Tselinograd State Medical Institute by the decision of the Central Committee of the Communist Party and the Council of Ministers of the KazSSR.

Over the years of the existence of the Medical Institute, there have been many changes in its organizational form, reforming the management system in accordance with the requirements of the times. The main stages of development of the University:

1. Tselinograd State Medical Institute (1964-1997).
2. Kazakh State Medical Academy (1997-2008).
3. Joint Stock Company "Kazakh Medical Academy", with 100% participation of the state in the authorized capital (13.05.2008-2009).
4. NJSC "Medical University of Astana" (06.01.2009-01.07.2010) as a part of JSC "National Medical Holding".
5. NJSC "Medical University of Astana" since 01.07.2010. is in the subordinate control of the Ministry of Health of the Republic of Kazakhstan.

Detailed information is available on the university's website (http://www.amu.kz/about_the_university/).

Since February 22, 2019, on the basis of the Resolution of the Government of the Republic of Kazakhstan "On the issues of creating a non-profit joint-stock company "Astana Medical

University" No.648 dated October 16, 2018, the joint-stock company "Astana Medical University" has been reorganized into a non-profit joint-stock company "Astana Medical University".

Documents constituting the organizational and legal basis for the activities and the legal basis for the implementation of the University's educational program are presented on the university's website (<https://amu.edu.kz/ru/korporativnoe-upravlenie/>).

Currently, the university has a state license of the Committee for Control in the Sphere of Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan dated 31.01.2009, No. KZ93LAA00014823, with no time limit, for the right to carry out educational activities under the programs of higher and postgraduate professional education, according to which it has the right to issue documents on the formation of a state sample. The University Development Strategy for 2022-2026 was approved by the decision of the University Board of Directors No. 17 dated May 30, 2022.

The University operates a system of international distance learning (MOODLE), which uses the latest achievements in this field.

Since 2012, distance learning has been introduced at the level of additional vocational education.

NJSC "AMU" was the first of the medical universities of Kazakhstan to begin multi-level training of medical and scientific-pedagogical personnel (the system of continuous higher education) in the following areas: bachelor's - internship - residency; bachelor's – master's - PhD doctoral.

In the ranking of medical universities according to scientific publications – 2022, took the 2nd place with points 7.66 among 8 universities. The assessment of the publication activity of faculty and employees of universities was based on the data of international databases, such as: Web of Science, SCOPUS and RISC. (<https://iqaa-ranking.kz/rejting-vuzov/rejting-vuzov-kazakhakh-2022/rejting-vuzov-po-nauchnym-publikatsiyam/rejting-medsinskikh-vuzov-po-nauchnym-publikatsiyam>)

In the ranking of websites of medical universities-2022 took the 5th place with scores of 65.30 among 8 universities. Information support was calculated on the basis of the analysis of the sites of higher educational institutions was studied independently by the IQAA agency. (<https://iqaa-ranking.kz/rejting-vuzov/rejting-vuzov-kazakh-2022/rejting-veb-sajtov-kazakhstanskikh-vuzov/rejting-veb-sajtov-medsinskikh-vuzov>), which confirms the development of the content of the corporate website www.amu.kz ", reflects the quality of the information infrastructure of the University and the quality of management of the University.

Accredited by the specialized master's degree program "Management in Healthcare", "Public Healthcare" are implemented by the Department of Public Health and Management of the Noa MUA. Includes theoretical training, production and research practice, final certification in the form of protection of the master's draft. In the 2022 – 2023 academic year, there was no recruitment for accredited EPs.

On April 18, 2020, the Master's Degree Program "Clinical Psychology" was included in the register of the Unified Management System of Higher Education (hereinafter referred to as the ESUVO) of the Ministry of Education and Science of the Republic of Kazakhstan and entered in the register of educational programs. The specialty "Clinical Psychology" is the second stage of higher professional education of psychologists of humanitarian universities, which can be further involved in the healthcare system. Language: Russian. The educational program of the master's degree in "Clinical Psychology" is specialized (targeted) in this regard includes industrial professional practice, consisting of three components: "Personal Therapy", "Practice of Psychotherapeutic Care", "Supervision". Graduates of the master's program can perform the following types of professional activities: research (employees of scientific organizations); administrative and managerial (specialists of health management bodies and administrative and managerial personnel of health care organizations); analytical (employees of information and analytical centers); expert and advisory (experts, consultants in health care and

social security organizations). For undergraduates wishing to continue their studies in doctoral studies, the UNIVERSITY has the possibility of additional passing the block on pedagogical competencies. Almatova A.B., a graduate of 2021, was invited as a teacher to the Department of Clinical Psychology in the 2021-2022 academic year. The degree of the department is 66.6%, including 1 employee is a doctor of sciences. The Department of Clinical Psychology did not have external funding for R&D for three years. Within the framework of the OP "Clinical Psychology", E.B. Baikenov had the opportunity of joint research and subsequent presentation, A.B. Almatov and Zh.Zh. Urazaliyeva participated in the program of academic mobility (Western Kazakhstan Medical University).

In the 2022-2023 academic year, there were no undergraduates enrolled in the Clinical Psychology program.

The Commission notes that training in the specialty "Clinical Psychology" is provided only on a contractual basis with the payment of tuition fees at the expense of legal entities and (or) individuals, due to the lack of state grants in the specialty "Clinical Psychology" in medical universities.

(IV) DESCRIPTION OF THE PREVIOUS ACCREDITATION PROCEDURE

International specialized accreditation of EP 7M10113 Clinical psychology according to IAAR standards is carried out for the first time.

(V) WEC VISIT DESCRIPTION

The work of the WEC was carried out on the basis of the approved Program of the visit of the expert commission for the specialized accreditation of educational programs at the AMU in the period from November 30 to December 2, 2022.

In order to coordinate the work of the EEC, a kick-off meeting was held on November 29, 2022, during which powers were distributed among the members of the commission, the schedule of the visit was clarified, and agreement was reached on the choice of methods of examination.

To obtain objective information about the quality of educational programs and the entire infrastructure of the university, to clarify the content of self-assessment reports, meetings were held with vice-rectors of the university in the areas of activity, heads of structural units, the dean, heads of departments, teachers, students, graduates, employers. A total of 59 representatives attended the meetings (table 1).

Table 1 - Information about the employees and students who took part in the meetings with the WEC NAAR:

Category of participants	Quantity
Vice-Rectors and Chief of Staff of the Rector	4
Heads of the Company departments	23
Dean of faculty	1
Department Heads	3
Professors	12
Learners	1
Demo Grad School	10
Employers	5
Total	59

During the tour, the members of EEC got acquainted with the state of the material and technical base, visited the diagnostic laboratory, the library, the museum, the first-aid post, the canteen, the computer rooms of the office-registrator.

At the meeting of the EEC IAAR with the target groups of the NJSC AMU, the mechanisms for the implementation of the university policy were clarified and some data presented in the self-assessment report of the university were specified.

During the accreditation period, classes were not attended due to the absence of students.

During the work, EEC members visited the following internship bases: for EP 7M10116 Public Health - Alanda Clinic, ul. Tauelsizdik 34 (Head – Serik Eskendirovich Ibraev), for EP 7M10121 Management in Healthcare - Alanda Clinic, ul. Tauelsizdik 34 (Head – Ibraev Serik Yeskendirovich), for EP 7M10113 Clinical Psychology – Komekcenter LLP – (program director – Nursultan Bayazitov) – online (photo), as well as the Hospital of the Medical Center of the Presidential Administration of the Republic of Kazakhstan (head of the Center for the formation of a healthy lifestyle – Kurmanov Marat Kairtayevich)

In accordance with the accreditation procedure, 20 teachers, 1 master's student were surveyed. In order to confirm the information provided in the Self-Assessment Report, the working documentation of the university was requested and analyzed by external experts. Along with this, experts studied the Internet positioning of the university through the official website of the university <https://amu.edu.kz/ru/?changeLang=true>.

Within the framework of the planned program, the recommendations for improving the accredited NJSC AMU EP developed by the EEC based on the results of the examination were presented at a meeting with the management on 02.12.2022.



(VI) COMPLIANCE WITH SPECIALIZED ACCREDITATION STANDARDS

6.1. Mission and Learning Outcomes Standard

Evidence part

The mission and vision of NJSC "Astana Medical University" are reflected in the "Development Strategy of NJSC "Medical University of Astana" for 2022-2026" (previously approved by the Academic Council of the University, the decision of the protocol No.3 dated 01.04.2022, and then approved by the decision of the Board of Directors of NJSC "Medical University of Astana" No. 17 dated May 30, 2022.

The purpose, results of training and content of the EP are available in the Register of the ESUW EP. In this way, the mission, goal and learning outcomes are available to stakeholders. The participation of all the main stakeholders is ensured by the very close interaction of the university with practical health care through clinical bases, practice bases and the involvement of undergraduate leaders and participation in research programs, as well as representatives of practical health care are involved in the collegial bodies of the university responsible for monitoring the implementation of the EP.

The possibility of prompt exchange of information with domestic and foreign universities is provided for undergraduates, access to library collection kits in the profile of training is provided. Electronic databases are updated annually.

At the end of the master's degree, graduates of the "Clinical Psychology", "Management in Healthcare", "Public Health" are awarded the academic degree "Master of Healthcare".

Analytical category.

The mission and goals of the university are approved by the internal documents of the university. Their main provisions and points were discussed by employees and students of the university, at the Academic Council, at the University Board. During the interview with all focus groups of the WEC, it was established that the missions of EP 7M10116 Public Healthcare, EP 7M10121 Management in Healthcare, EP 7M10113 Clinical Psychology are defined in the AMU NJSC only in connection with the mission of the University – "the training of competitive specialists capable of responding to existing and new challenges to public health, the generation of new knowledge and innovations, the promotion of scientific and technological development of national and global health". The missions of the foregoing EP of the magistracy of the commission are not presented. To form the mission and the feasibility of training in the accredited EP of the master's degree, no target group provided an analysis and market requirements.

The Commission notes that one of the points of the Development Strategy of "Astana Medical University" for 2022-2026 is to improve the quality of master's programs. Members of the EEC made sure that in order to improve the quality of EP on the website of the university regularly posted up-to-date information for undergraduates in the form of schedules, work curricula, news, announcements, UICD, etc.

Academic freedom of employees and undergraduates in accordance with the established regulations of the university implies the freedom to choose elective disciplines for the undergraduate (however, the list is not provided at the request of the Higher Educational Institution); teaching methods – for employees of the university.

Clinical psychology is a specialty at the intersection of psychotherapy (psychiatry) and psychology. Highly qualified specialists from among teachers and prominent scientists, relevant and related disciplines were involved in the process of development and compilation of the EP "Clinical Psychology". In view of the fact that today there are no clinical psychologists with academic degrees in Kazakhstan, specialists of the closest, related specialties – psychiatrists,

psychotherapists and psychologists were involved. The experience of training clinical psychologists in the United States, Lithuania, Poland, the Republic of Belarus, the Russian Federation and Ukraine was studied. However, the approved professional standard for clinical psychology does not provide for all aspects of the activities of these specialists in the field of health care (the specialty is not in the nomenclature of education, it is not in the register of specialties subject to certification).

Strengths/Best Practice:

None identified.

General recommendations:

- to develop missions for EP Master's 7M10116 Public Health, EP 7M10121 Management in Health, OP 7M10113 Clinical Psychology, to be placed for familiarization of all interested.

Deadline: until February 1, 2023

- to raise awareness of all interested parties on a regular basis to update information on the final results of training for each degree programme on the official website of the University, to disseminate information through social networks and other information resources.

Deadline: 2022-2023 academic year

Recommendations for the Master's Degree Program 7M10113 Clinical Psychology:

- initiate a request to amend the legislation in terms of clarifying the professional status of a clinical psychologist in the Republic of Kazakhstan.

Deadline: until 2024

Recommendations for EP 7M10116 Public Health, EP 7M10121 Health Management

- to develop the mission of the EP in accordance with the problems of society, the needs of the medical care system

Deadline: 2022-2023 academic year

- approve on the advisory boards of the mission of the EP

Deadline: 2022-2023 academic year

- to expand the possibilities of using the media to inform stakeholders about the mission of the OP

Deadline: 2022-2023 academic year

- identify ways to support existing resources and mission according to market requirements

Deadline: 2022-2023 academic year

Conclusions of the EEC on the criteria:

According to the standard of educational programs 7M10116 Public health, EP 7M10121 Management in health care has 9 satisfactory positions, 6 positions suggesting improvement, 2 criteria are not applicable.

According to the standard, the educational program 7M10113 Clinical psychology has 13 satisfactory positions, 3 positions suggesting improvement, 1 criterion is not applicable.

6.2. Standard "Research environment and educational resources"

Evidence part

NJSC AMU has a developed material and technical base for the implementation of the educational and scientific and educational process for the Master's Degree Program 7M10116 Public Health, EP 7M10121 Management in Health, EP 7M10113 Clinical Psychology. Each student has access to information resources, library collections and material and technical equipment in the form of classroom equipment, medical equipment, multimedia equipment, and

premises where practical skills can be practiced. Within the framework of the "Clinical Psychology" program, the University does not provide for a specialized laboratory.

The high professional qualities of many scientific heads of master's students, employees of the Department of Clinical Psychology, are marked with "Excellence in Healthcare of the Republic of Kazakhstan", university competitions, etc., some of the teachers are awarded with diplomas of honor of the Ministry of Education and Science of the Republic of Kazakhstan and the Ministry of Health and Social Development of the Republic of Kazakhstan. The university has a system for improving the pedagogical competencies of teaching staff. WEC provided full information on the advanced training of the faculty of the Faculty of Education and Science in educational technologies.

The University has the environment and resources for the implementation of research of undergraduates, which are carried out within the framework of research departments of the University. The University publishes a scientific journal "Astana Medicine Magazines", which publishes articles of undergraduates of the University and their scientific leaders. Employees of the Department of Clinical Psychology are published annually, in total they have more than 100 publications. The list of scientific works was submitted for information to the WEC.

The Department of Clinical Psychology did not have external funding for research programs over the years. Thus, a grant application was submitted for the "Center for Support of Civil Initiatives" on the topic "Development and implementation of comprehensive measures for the prevention of suicide among young people", the application was not satisfied.

Teachers and staff of the university participate in international and republican conferences and seminars of the country, CIS and far abroad. In the NJSC AMU, measures are taken to increase the level of motivation of the teaching staff through the distribution of material resources based on the results of the work of each employee (The rating assessment of the activities of the teaching staff is carried out in accordance with the Regulation on the rating of educational, scientific and clinical activities of the faculty PL-MUA-63-19, approved by the decision of the Board of November 22, 2019, protocol No.26).

The University has a well-equipped library with a good infrastructure and wide access to electronic information resources: the library has 483,386 copies of educational, methodological and scientific literature in the state, Russian and foreign languages (in the state language 131813 copies, electronic textbooks – 10,257 copies). The volume of the book fund for the specialty 7M10113 "Clinical Psychology" is 4379 copies, of which 1043 in Kazakh, -1609 in Russian and 1727 in English. Undergraduates have timely and free access to library resources. Service is provided at 7 pick-up points: 3 subscriptions and 4 reading rooms for 152 seats.

Analytical category.

Educational resources satisfy the master's degree program, all disciplines of credits of the main and elective components are performed by teachers with academic degrees at the University. NJSC AMU provides great opportunities for its teachers and students to use information and communication technologies in the implementation of EP.

In the process of implementing the individual work plan, undergraduates undergo intermediate and academic certification, where intermediate results of the work performed are necessarily reported (VEK protocols No. 6 of 22.01.2021, No. 6A of 26.01.2021, No. 6B of 28.01.2021 are provided), it can be concluded that the undergraduate and his/her scientific supervisor are responsible for the implementation of the master's study. To date, there is no possibility of providing joint master's degree programmes from two universities and joint management to support cooperation between higher educational institutions. During the discussion with the focus groups, the commission was informed only of the intentions of such cooperation with the Department of Philosophy of York University Heslington (York, UK), with the First Moscow Medical University named after Sechenova (Moscow, Russian Federation).

It is not possible to assess the clinical base of the Department of Clinical Psychology at the present time, since repairs are underway, the Department is temporarily located in the main

building of the NJSC AMU. When interviewing graduates of the master's degree program, it was found that the internationalization of training was not ensured, which affected satisfaction with the results of training. When assessing the scientific environment, the EEC states the presence of small areas for the Department of Clinical Psychology (in the 2020-2021 academic year – 10 m² in the polyclinic and two study rooms in the main building of the MUA Noa), the lack of modern methods of clinical psychodiagnostics and organizational capabilities for psychometric, psychocorrectional and psychotherapeutic measures reflecting the tasks of the EP. Also, the analysis of the main and additional literature on the main disciplines of the EP was not carried out at the appropriate level, the application for the 2023-2024 academic year for the purchase of new literature of the EEK was not submitted.

The university provides a safe environment for education and research, has a good socio-cultural base, a support service for undergraduates.

Strengths/Best Practice:

- highly qualified employees of the Department of Clinical Psychology.
- the resource policy is aimed at maintaining and ensuring the continuous professional growth of the teachers of the Master's Degree Program

General recommendations:

- increase the level of attraction of external funding for research for employees and undergraduates of the EP.
- explore the possibilities of providing joint master's degree programmes from two universities and joint leadership to support cooperation between institutions of higher learning.

Deadline: 2023-2024 academic year

Recommendations for the Master's Degree Program 7M10113 Clinical Psychology:

- to provide the educational process and practices on EP with modern methods of psychological diagnostics, equipment for psychodiagnostic and psychocorrectional work.

Deadline: 1 January 2024

- ensure the material and technical equipment of EP in accordance with the licensing requirements (laboratory of clinical psychodiagnostics and(or) psychotherapy), in accordance with the tasks of the master's program

Deadline: 1 January 2024

- in order to improve the quality of the research environment for students in EP, to establish scientific cooperation with research groups of other medical organizations.

Deadline: 2023-2024 academic year

- ensure the internationalization of EP in the form of an exchange of students and teachers from different countries.

Deadline: 2023-2024 academic year

- provide regular monitoring of library resources and assessment of satisfaction with the needs of master's students

Deadline: 2023-2024 academic year

- based on the analysis of book availability, update the materials necessary for training (educational and scientific literature)

Deadline: 2022-2023 academic year

Conclusions of the WEC on the criteria:

According to the standard of the Master's program 7M10113, Clinical Psychology has 22 – satisfactory and 8 implying improvement of positions.

According to the standard OP 7M10116 "Public Health", OP 7M10121 "Management in Healthcare" there are 27 satisfactory and 3 implying improvement of positions.

Standard 6.3. "Acceptance Policy and Criteria"

Evidence part

On the basis of the data presented in the self-assessment reports, the official website of the University and the information obtained during the interview of the university staff and the student, it was established that the procedure for admission to the master's degree programme in the specialties of OP 7M10116 Public Health, EP 7M10121 Management in Health Care, EP 7M10113 Clinical Psychology is carried out in accordance with the Standard Rules for Admission to Education in the Organization of Education Implementing Professional Curricula of Higher and Postgraduate Education, approved by Order of the Minister of Education and Science of the Republic of Kazakhstan dated October 31, 2018 No.600 (with amendments and additions approved by Order of the Minister of Education and Science of the Republic of Kazakhstan dated June 8, 2020 No.237, dated September 28, 2020 No.418 and the requirements of the STATE University of Postgraduate Education Master's degree programme.

Admission of applicants to the Master's degree program of the University is carried out on a competitive basis based on the results of the Comprehensive Testing: in accordance with the Standard Rules for Admission and the Rules for Admission to the Master's degree program: persons entering the Master's degree program, pass a CT, including a test in a foreign language (optionally English, German, French), a test on the profile of groups of educational programs (GOP), a test to determine the readiness for studying according to choice in Kazakh or Russian. Persons who have scored at least 75 points are enrolled. According to the Standard Rules for Admission (Order No.600 of the Ministry of Education and Science), there is no procedure for assessing the research potential of an applicant for a master's degree.

At the University, the process of employment of graduates of all levels of education, including graduates of the master's degree program, is supervised by the center of practice, career and employment. Due to the fact that there are no state grants provided for at the "Clinical Psychology" educational institution, working off is not expected.

Analytical category.

The University has defined and implemented a policy for the admission of undergraduates, there is a provision that clearly establishes the procedure. THE UNIVERSITY does not participate in the procedures of comprehensive testing and competitive selection of applicants for admission to the master's program, however, during the interview it was found that the Dean's Office of the Master's and Doctoral School of the University informs interested persons about the list of groups of postgraduate education, indicating the relevant disciplines of comprehensive testing, about the list of necessary documents, about the necessary preparation for the successful completion of CT, about the prospects for career growth, social conditions for undergraduates, the research environment of the university, and also conducts career guidance work. Information on admission to the Master's degree programme is posted on the official website of the University. Due to the fact that all work on the admission and selection of applicants for the master's degree 7M10113 Clinical psychology is carried out by the National Testing Center and controlled by the Ministry of Education and Science of the Republic of Kazakhstan, the university does not have the opportunity to influence the selection process of applicants, and only receives lists of those who have passed the grant for this EP in the NJSC AMU. Graduates of master's degree can continue their studies in doctoral studies (for EP 7M10113 Clinical psychology – pedagogical direction) or find employment in state institutions of medical education or practical health care. Criterion 9.3.2 "Candidates for the master's program must master professional curricula of higher education (basic medical/pharmaceutical/chemical, higher professional (basic medical + internship) or postgraduate education (residency) to the EP Clinical psychology is not applicable, graduates of humanitarian universities enter the master's program according to the accredited EP after studying at the faculties of psychology.

Strengths/Best Practice:

- According to this standard, no strengths have been identified.

Recommendations for the Master's Degree Program 7M10113 Clinical Psychology:

- requires clarification and posting on the website to inform interested persons of the requirement to master professional curricula of higher education (basic medical/pharmaceutical/chemical, higher professional (basic medical + internship) or postgraduate education (residency) for a student entering a master's degree program in the specialty 7M10113 Clinical Psychology.

Deadline: 2022-2023 academic year

There are no recommendations for the standard EP 7M10116 "Public Health", EP 7M10121 "Management in Healthcare".

Conclusions of the EEC on the criteria:

According to the standard, the educational program 7M10113 Clinical Psychology has 0 strong, 4 satisfactory positions, criteria 9.3.2, 9.3.3 to the EP of the master's program Clinical Psychology is not applicable.

According to the standard EP 7M10116 "Public Health", EP 7M10121 "Management in Health" all positions are satisfactory.

Standard 6.4. "Master's degree program"**Evidence part**

Clinical psychology master's degree programs have a balanced curriculum with training trajectories (thanks to the elective component) – for the predominant training of a researcher in the field of clinical psychology, psychiatry and psychotherapy, medical and psychological research, as well as for the training of a teacher of a medical organization of education. The list of VK and KV disciplines is determined by the university independently (taking into account the needs of the labor market, the expectations of employers, the needs and interests of undergraduates), the scientific component of the EP is formed from the NIE, scientific publications, writing and defending a master's thesis. The volume of the scientific component is 21.7% of the total volume of the master's degree or 13 academic credits.

In terms of structure and content, EPs are aimed at developing the skills of systematic and systematic search, collection and analysis of information; developing the ability to integrate knowledge of different disciplines to solve problems in new unfamiliar conditions; mastering research methods to solve research problems in an interdisciplinary, interprofessional team. The Master's degree program in 7M10113 "Clinical Psychology" is specialized and includes practical training, which are the necessary components to achieve effective professional activity. Pedagogical practice is not provided.

The university implements the Academic Mobility Program, individual disciplines of undergraduates are held in other medical universities, in recent years, due to the pandemic, online or virtual academic mobility has been practiced. In the 2022-2023 academic year, a questionnaire was carried out, on the basis of which a plan of measures was drawn up based on the results of feedback from students (approved on 16.11.2022), which provides for the allocation of funding for the organization of academic mobility. Master's degree students have the opportunity to see the results of the assessment of EP on the website of the NJSC AMU.

Analytical category.

Master's programs are developed in accordance with the SRS and the goals, the results of

training are thought out and aimed at achieving the key competencies of a researcher in medical science and a teacher in medical education. Basic and profiling disciplines, teaching strategy, control meet the goal of comprehensive training of a competent graduate in accordance with the needs of practical health care, however, the EEC notes the lack of involvement of representatives of practical health care in the implementation of the EP, as well as employees of other specialized departments, for example, the Department of Psychiatry, the Department of Neurology, etc.

Mechanisms for the implementation of production practice are provided for the formation of master's students on the basis of theoretical knowledge of practical skills, competencies and experience of professional activity in accredited EP, as well as the mastering of best practices. For example, the practice of EP Clinical psychology is represented by three components "Personal therapy" (definition of personal therapy, goals, objectives, methods of work. Personal therapy during group sessions, and if necessary, individual therapy), "Practice of providing psychotherapeutic care" (participation in psychotherapeutic sessions as a co-therapist), "Supervision" (definition of psychotherapeutic supervision; methodological basis for the development of psychological care programs; principles, methods of organization and supervision). However, when interviewing focus groups, it was not possible to obtain a description of the specifics of the practice. Only Komekcenter, a specialized organization for the treatment and rehabilitation of persons with chemical dependencies, is represented among the databases of the VEC practice. At the same time, EEC's request for contracts with practice bases remained unsatisfied (only the contract with Komekcenter was submitted). The criterion for the implementation of pedagogical practice is not applicable.

In order to implement the principles of academic honesty and transparency of the organization and control of the educational process, the University provides for an appeal system in accordance with the Academic Policy of AMU P-MUA-8.110.20/03.2019, no applications for appeal were submitted during 2 years of study at the Department of Clinical Psychology.

Due to the fact that in the 2022-2023 academic year there were no undergraduate students in EP 7M10113 "Clinical Psychology", no questionnaire was conducted to study feedback.

Strengths/Best Practice:

Not identified

General recommendations:

- to organize academic mobility programs both for employees of the departments of EP, and for undergraduates.

Deadline: 2023-2024 academic year

Recommendations for the Master's Degree Program 7M10113 Clinical Psychology:

- involve representatives of practical health care in the development and discussion of the content of the Master's degree programme.

Deadline: 2023-2024 academic year

- to provide mechanisms for the implementation of the internship of undergraduates in healthcare organizations through the conclusion of contracts

Deadline: 1 January 2024

- provide mechanisms for the implementation of research practice, taking into account the modern achievements of clinical psychology in the world (methods, processing and interpretation of the data obtained)

Deadline: 2023-2024 academic year

Conclusions of the EEC on the criteria:

According to the Master's degree program standard 7M10113, Clinical Psychology has 0 – strong, 19 – satisfactory and 4 positions that suggest improvement. Criterion 9.4.1.11 to the Master's Degree Program 7M10113 Clinical Psychology is not applicable.

According to the standard EP 7M10116 "Public Health", EP 7M10121 "Management in Healthcare" there are 23 satisfactory and 1 position requiring improvement.

Standard 6.5. Scientific leadership

Evidence part

Within three months after enrollment, a supervisor from among candidates or doctors of sciences, or PhD, or qualified specialists in the relevant fields with at least 5 years of work experience and at least 3 publications on the profile of the master's program in international journals, including leading journals of the near abroad, is appointed to direct the master's thesis and control the performance of the dissertation work. If necessary, scientific advisers in related fields of science are appointed. Scientific supervisors are responsible for the observance of academic discipline by undergraduates, the implementation of the individual work plan of the undergraduate and the timely submission of the dissertation work. The candidacy of the scientific supervisor and the topic of the study of a master's degree in clinical psychology are considered at a meeting of the specialized department.

Together with the supervisor, the graduate student completes an individual work plan during the entire period of study. During the interim assessment, undergraduates submitted a completed journal to the Research School for information on the progress of the thesis. Interim assessment is carried out in accordance with the schedule and academic calendar 1-2 times a year. A commission is created that monitors the progress of writing the dissertation work, compliance with the deadlines specified when approving the research topic, and also pays attention to the student's academic performance.

Analytical category.

The NJSC AMU follows all the necessary mechanisms/procedures related to the selection of the process of discussion and approval that best meets all the qualifications of the supervisor, the subject of the undergraduate study, as well as the procedures for individual planning and reporting of undergraduates, in accordance with the standard requirements and the GAAP. During the period of study in the master's program, the master's student for each academic period submits reports that are agreed with the supervisor and considered at meetings of the department and the problem commission, approved by the head of the dean's office of the master's program and doctoral studies.

Strengths/Best Practice:

No strengths were identified for this standard.

Recommendations for the Master's Degree Program 7M10113 Clinical Psychology:

There are no recommendations for this standard.

Conclusions of the EEC on the criteria:

According to the standards of educational programs 7M10116 "Public Health", EP 7M10121 "Management in Health" 7M10113 Clinical Psychology has 6 satisfactory positions.

Standard 6.6. "Thesis"

Evidence part

The procedure for approval of scientific topics of master's theses in the SP "Public Health",

"Management in Health Care", "Clinical Psychology" and their scientific supervisors is implemented in accordance with the Regulation "On Master's Studies" PL-MUA-121 and the Working Instruction "Requirements for the content, design and protection of a master's thesis" RI-MUA-18. According to RI-MUA-18, the topic of the dissertation and the supervisor are assigned to the master's student within the first three months after enrollment.

The result of completing the master's program includes mastering educational programs and evaluating research activities. Evaluation of the undergraduate's educational activity is carried out by conducting current monitoring of academic performance, intermediate and final certification of undergraduates. Verification of the educational achievements of undergraduates is carried out by various forms of control in the form of an oral examination, test control, graded credit. During the analysis of the dissertation works of master's students who defended the master's degree in the specialty "Clinical Psychology" of the EEC, it was established that all the dissertations are accompanied by publications and participation in the work of international scientific and practical conferences (Collection of scientific works "Issues of productive interaction in the process of knowledge exchange"//Kazan, 2021, XCIII International scientific and practical conference "Psychology and pedagogy in the system of humanitarian knowledge of the XXI century" (Russia, Kazan), the Eurasian Congress of Cardiologists, a collection of theses of the 64th scientific and practical conference (Semey, December 2021). students "Science and Health" dedicated to the Day of Science of the Republic of Kazakhstan with international participation.

Graduates who have completed the educational process are allowed to the final state certification. Final certification of students at the university is carried out in the terms provided for by the academic calendar and work curricula of specialties in the form of passing a comprehensive examination and defending the master's project. The university forms a state certification commission to accept a comprehensive examination of undergraduates and review master's theses.

The defense of the master's project is carried out in the presence of a positive review of the scientific supervisor, at least one publication on the topic of the dissertation in scientific publications or a speech at an international or republican scientific conference, a written opinion of the expert commission on the recommendation for public defense of the dissertation, the decision of the issuing department on the recommendation for defense, the reviewer's review.

If the supervisor or the graduating department gives a negative opinion "not allowed to defend" or "not recommended to defend", the master's student does not defend the master's thesis.

The schedule for the protection of master's projects is approved in accordance with the academic calendar. The defense of the master's project is carried out at an open meeting of the SAC with the participation of at least 2/3 of its members. To protect the master's project, the master's student reports to the SAC for at least 15 minutes.

The results of the defense of the master's project are determined on the basis of the assessments of the scientific supervisor, the reviewer, members of the state certification commission for the defense of the project.

The final assessment on the protection of master's thesis is made collegially by the members of the State Attestation Commission at a closed meeting of the members of the SAC by an open vote. The decision of the appeal commission is made by a simple majority of votes of the commission members, participating in the meeting.

Analytical category.

EEK notes the presence of publications in all undergraduates of the EP Clinical Psychology. The commission also presented individual work plans for all undergraduates, which include the topic of the master's thesis with a justification and structure, a plan for the implementation of the master's thesis with an indication of the time frame for completing the work on the dissertation, a plan for scientific publications, which in terms of the content of the

texts and the timing of approval fully corresponds to RI-MUA-18. The members of the commission got acquainted with the results of the preliminary examination and evaluation of the master's thesis works before the public defense. Experts note that master's theses correspond to the main problems of clinical psychology, are relevant and contain scientific novelty and practical significance, as well as contain methodological and practical sections on the main protected provisions. The requirements for the structure of the master's thesis, regulated by RI-MUA-18, are met. The defense of master's theses was carried out strictly in accordance with PL-MUA-121.

EPs are specialized, and training is provided only for one year.

Strengths/Best Practice:

- Availability of graduate students' publications based on the results of their own experimental psychological research, experience of speaking at scientific and practical conferences .

Recommendations:

There are no recommendations for this standard.

Conclusions of the WEC on the criteria:

According to the standard EP 7M10116 "Public Health", EP 7M10121 "Management in Health" 7M10113 "Clinical Psychology" there are 11 satisfactory positions.

Standard 6.7. "Evaluation of dissertation works"

Evidence part

The activities of the university for the training of undergraduates of the "Public Health", "Management in Health", specialty "Clinical Psychology" are regulated by the University Standard SU-MUA-45 "Master's Studies", as well as the work instruction "Requirements for the content, design and defense of a master's thesis" RI-MUA-18, which reflects the policy of assessing undergraduates, including the assessment of the dissertation work of a master's student. NJSC AMU has DEVELOPED an appeal procedure. In order to accept a comprehensive examination for undergraduates and to consider master's theses, the university forms the GAC. Five dissertations were defended under the educational program "Clinical Psychology".

The protection of the master's project is provided for in the SP "Public Health", "Management in Healthcare". The results of the defense of the master's project are determined on the basis of the assessments of the supervisor for the quality of work, the degree of its compliance with the requirements for master's projects; the reviewer for the work as a whole, taking into account the degree of validity of conclusions and recommendations, their novelty and practical significance; members of the state commission for the protection of work, including a report, responses to the comments of the reviewer, the content of the work and its presentation.

The final assessment on the protection of the master's project is made collegially by the members of the SAC at a closed meeting of the members of the SAC by an open vote.

Analytical part

There were two editions in 2020 – 2021 and 2021 – 2022 academic year in Public Health and Management in Healthcare, as well as in Clinical Psychology.

In order to accept a comprehensive examination for undergraduates and to consider master's theses, the university formed the SAC, the SAC compositions are presented. The Commission analyzed the feedback of scientific leaders, official opponents, the results of the check of texts on the Anti-plagiarism of five dissertations of undergraduates of the "Clinical

Psychology", it was also established that the deadlines for discussion and approval at the meeting of the Academic Council of reports on the results of the final certification of undergraduates were met. The subject of master's theses corresponds to the current state of science.

When analyzing paper versions of the work of undergraduates of the "Clinical Psychology", it was found that statistical processing of data is carried out using statistical programs that are freely available on the Internet, which does not reduce the reliability and quality of statistical processing of the database. In the course of working with the focus groups, it was confirmed that there is no licensed statistical data processing program in MUA.

During the implementation of the EP, there were no cases of "non-admission" of the graduate student to the defense. Upon completion of the master's degree, the graduates were awarded the academic degree "Master of Health".

Strengths/Best Practice:

No strengths were identified for this standard.

There are no recommendations on the standards EP 7M10116 "Public Health", EP 7M10121 "Management in Healthcare".

Recommendations for the Master's Degree Program 7M10113 Clinical Psychology:

- use the licensed program for statistical processing of scientific data.

Deadline: 2023-2024 academic year

Conclusions of the EEC on the criteria:

According to the standards of EP 7M10116 "Public Health", EP 7M10121 "Management in Health", EP 7M10113 Clinical Psychology has 7 satisfactory positions.

Standard 6.8. «Management and administration»

Evidence part

Direct management of the educational process at the postgraduate level is carried out by the vice-rector for scientific work and strategic development - a member of the Management Board, subordinate to the Chairman of the Management Board - the Rector of NJSC "AMU". The documents defining the interactions of various departments, the scope of responsibilities and authorities in relation to the EP have been developed and approved. The Vice-Rector at meetings with students of the postgraduate level maintains regular feedback on design issues in the formation of IEP, planning of scientific internships, academic mobility, etc., management and evaluation of master's programs (meetings with teaching staff, meetings, questionnaires). The head of the Research School (Master's Dean's Office), research supervisors are constantly in close cooperation with master's students, advising on the educational process and the implementation of master's theses.

Analytical category.

The main structural subdivisions involved in the direct implementation of the Master's Degree Program are the Dean's Office of the Master's and PhD Programs and specialized departments. For the effective functioning of all structures, the relevant Regulations defining the interaction of various divisions, including on the implementation of EP, have been developed. At the same time, the expert commission notes the absence on the site of schedules of admission of the administration, contact phones, the absence of text on the feedback page. When analyzing the acts of introduction of innovative methods into the educational process provided by the University, no confirmation of the introduction of such methods in the implementation of the EP Clinical Psychology was received.

According to the information from the interview of the teaching staff it follows that the

undergraduates of the specialty "Clinical Psychology" were taught using information and educational technologies, but the implementation acts were not issued. Representatives of employers (medical, rehabilitation institutions, public associations of doctors) participate in the educational process of training undergraduates by participating in the review of the EP. Based on the results of the employers' request, the elective discipline "Dependent Behavior Psychotherapy" was included, which was implemented in the 2021-2022 academic year. Due to the uncertainty of the status of a clinical psychologist in the health care system of the head and the staff of the department, a number of organizational measures were taken to update the processes of making changes to the NPA of the Republic of Kazakhstan, including a survey of employers to analyze the situation in the provision of psychological services in medical organizations. The Commission notes the importance of systematic work to promote the certification and certification of psychologists working in healthcare organizations.

Strengths/Best Practice:

No strengths were identified for this standard.

General recommendations:

- to ensure the availability of appeals of employees and students through informing about phone numbers, days of admission, other ways of communication with the administrative unit.

Deadline: until February 1, 2023

- ensure the development and implementation of innovative methods in the educational process for the implementation of EP

Deadline: 2023-2024 academic year

Recommendations for the Master's Degree Program 7M10113 Clinical Psychology:

- Establish constructive cooperation with the health sector and the Government to ensure that the needs of society are met by qualified professionals

Deadline: 2023-2024 academic year

Conclusions of the WEC on the criteria:

According to the standard EP 7M10113, Clinical Psychology has 18 satisfactory positions and 3 positions that suggest improvement.

According to the standards of EP 7M10116 "Public Health", EP 7M10121 "Management in Healthcare", 7M10113 Clinical Psychology has 19 satisfactory and 2 requiring improvement positions.

Standard 6.9. Continual Improvement

Evidence part

During the reporting period, the IAPM'S Noa reviews its organizational structure annually in accordance with needs. In different years, new structural units (Centers, Institutes, schools, etc.) were created and added, the functional tasks of which are aimed at ensuring the quality of EP. Sociological surveys of all parties interested in the high-quality implementation of educational programs (teaching staff, employees of the Administrative Department, students, employers) have been introduced in the NJSC AMU.

Analytical category.

When analyzing the ways of contacting the university's administrative department, it was found that it was impossible for the teaching staff to directly interact with the management, which was confirmed when visiting the practice bases, when interviewing the teaching staff. There are no standardized procedures using simulated patients within the scope of the Clinical

Psychology OP. Patients were always examined at clinical sites. Annually (Department of Science and Human Resources of the Ministry of Health of the Republic of Kazakhstan) systematically monitors the need for training of scientific and pedagogical personnel for the system of medical education and scientific organizations. During the interview with focus groups, it was established that no such registration was carried out in relation to clinical psychologists, since there is no register of psychologists of medical organizations in Kazakhstan, in this regard, the number of students admitted to the university for the master's program in the specialty 7M10113 "Clinical Psychology" is not regulated in any way.

Strengths/Best Practice:

No strengths were identified for this standard.

General recommendations:

- to ensure the availability of the University's administrative and managerial staff to improve the principles of management of the EP

Deadline: 2022-2023 academic year

Recommendations for the Master's Degree Program 7M10113 Clinical Psychology:

- introduce the "Standardized Patient" methodology for training practical skills in the Master's degree programme

Deadline: 2023-2024 academic year

Conclusions of the WEC on the criteria:

According to the standards of EP 7M10116 "Public Health", EP 7M10121 "Management in Healthcare" has 10 satisfactory and 1 position requiring improvement.

According to the standard, the educational program 7M10113 Clinical Psychology has 11 satisfactory positions.

(VII) OVERVIEW OF STRENGTHS/ BEST PRACTICES FOR EACH STANDARD

7.1. Mission and Learning Outcomes Standard

Not identified

7.2. Standard "Research environment and educational resources"

- highly qualified employees of the departments of accredited EP.
- the resource policy is aimed at maintaining and ensuring the continuous professional growth of the teachers of the Master's Degree Program

7.3. Acceptance Policy and Criteria Standard

Not identified

7.4. Standard "Master's program"

Not identified

7.5. Standard "Scientific Guidance"

Not identified

7.6. Standard "Thesis"

- Availability of graduate students' publications based on the results of their own experimental psychological research, experience of speaking at scientific and practical conferences

7.7. Standard "Evaluation of dissertation works"

None identified.

7.8. Standard "Management and Administration"

Not identified.

7.9. Constant Improvement Standard

None identified.

(VIII) QUALITY IMPROVEMENT RECOMMENDATION OVERVIEW

8.1. Mission and Learning Outcomes Standard

General recommendations:

- developed missions for EP Master's 7M10116 Public Health, EP 7M10121 Management in Health, EP 7M10113 Clinical Psychology, to be posted for information to all interested.

Deadline: until February 1, 2023

- to raise awareness of all interested parties on a regular basis to update information on the final results of training for each degree programme on the official website of the University, to disseminate information through social networks and other information resources.

Deadline: 2022-2023 academic year

Recommendations for the Master's Degree Program 7M10113 Clinical Psychology:

- initiate a request to amend the legislation in terms of clarifying the professional status of a clinical psychologist in the Republic of Kazakhstan.

Deadline: until 2024.

Recommendations for EP 7M10116 Public Health, EP 7M10121 Health Management
- to develop the mission of the EP in accordance with the problems of society, the needs of the medical care system

Deadline: 2022-2023 academic year

- approve on the advisory boards of the mission of the EP

Deadline: 2022-2023 academic year

- to expand the possibilities of using the media to inform stakeholders about the mission of the OP

Deadline: 2022-2023 academic year

- identify ways to support existing resources and mission according to market requirements

Deadline: 2022-2023 academic year

8.2. Standard "Research environment and educational resources"

General recommendations:

- increase the level of attraction of external funding for research for employees and undergraduates of the EP.

Deadline: 2023-2024 academic year

Recommendations for the Master's Degree Program 7M10113 Clinical Psychology:

- provide educational process and practices on EP with modern methods of psychological diagnostics, equipment for psychodiagnostic and psychocorrectional work

Deadline: 1 January 2024

- ensure the material and technical equipment of EP in accordance with the licensing requirements (laboratory of clinical psychodiagnostics and(or) psychotherapy), in accordance with the tasks of the master's program

Deadline: 1 January 2024

- explore the possibilities of providing joint master's degree programmes from two universities and joint leadership to support cooperation between institutions of higher learning.

Deadline: 2022-2023 academic year

- in order to improve the quality of the research environment for students in EP to establish scientific cooperation with research groups of other medical organizations.

Deadline: 2023-2024 academic year

- ensure the internationalization of EP in the form of an exchange of students and teachers from different countries

Deadline: 2023-2024 academic year

- provide regular monitoring of library resources and assessment of satisfaction with the needs of master's students

Deadline: 2023-2024 academic year

- based on the analysis of book availability, update the materials necessary for training (educational and scientific literature)

Deadline: 2022-2023 academic year

8.3. Acceptance Policy and Criteria Standard

Recommendations for the Master's Degree Program 7M10113 Clinical Psychology:

- requires clarification and posting on the website to inform interested persons of the requirement to master professional curricula of higher education (basic medical/pharmaceutical/chemical, higher professional (basic medical + internship) or postgraduate education (residency) for a student entering a master's degree program in the specialty 7M10113 Clinical Psychology.

Deadline: 2022-2023 academic year

8.4. Standard "Master's program"

General recommendations:

- to organize academic mobility programs both for employees of the departments of EP, and for undergraduates.

Deadline: 2023-2024 academic year

Recommendations for the Master's Degree Program 7M10113 Clinical Psychology:

- involve representatives of practical health care in the development and discussion of the content of the Master's degree programme.

Deadline: 2023-2024 academic year

- to provide mechanisms for the implementation of the production practice of undergraduates in healthcare organizations through the conclusion of contracts

Deadline: 1 January 2024

- provide mechanisms for the implementation of research practice, taking into account the modern achievements of clinical psychology in the world (methods, processing and interpretation of the data obtained)

Deadline: 2023-2024 academic year

8.5. Standard "Scientific Guidance"

There are no recommendations for this standard.

8.6. Standard "Thesis"

There are no recommendations for this standard.

8.7. Standard "Evaluation of dissertation works"

Recommendations for the Master's Degree Program 7M10113 Clinical Psychology:

- use the licensed program for statistical processing of scientific data.

Deadline: 2023-2024 academic year

8.8. Standard "Management and Administration"

General recommendations:

- to ensure the availability of appeals of employees and students through informing about phone numbers, days of admission, other ways of communication with the administrative unit.

Deadline: until February 1, 2023

- ensure the development and implementation of innovative methods in the educational process for the implementation of EP

Deadline: 2023-2024 academic year

Recommendations for the Master's Degree Program 7M10113 Clinical Psychology:

- Establish constructive cooperation with the health sector and the Government to ensure that the needs of society are met by qualified professionals

Deadline: 2023-2024 academic year

8.9. Constant Improvement Standard

General recommendations:

- to ensure the availability of the University's administrative and managerial staff to improve the principles of management of the EP

Deadline: 2022-2023 academic year

Recommendations for the Master's Degree Program 7M10113 Clinical Psychology:

- introduce the "Standardized Patient" methodology for training practical skills in the Master's degree programme

Deadline: 2023-2024 academic year

**(IX) REVIEW OF THE RECOMMENDATION FOR THE
DEVELOPMENT OF THE ORGANIZATION OF EDUCATION**



**Attachment 1. Evaluation table "SPECIALIZED PROFILE
PARAMETERS"**
Postgraduate Clinical Psychology

		EVALUATION CRITERIA	The position of the organization of education			
			Severe	Adequate	Assumes improvement	Unsatisfactory
		"MISSION AND LEARNING OUTCOMES"				
		Definition of the mission of the educational program				
1	1	The health education organization should define its mission of the educational program and communicate it to stakeholders and the health sector.			+	
2	2	The medical organization of education must ensure that the main stakeholders participate in the development (formulation) of the mission of the educational program.			+	
3	3	The mission statement of the educational program should contain the goals and educational strategy of the program, allowing to train a competent researcher at the level of postgraduate medical/pharmaceutical education.	Not applicable			
4	4	The medical organization of education must ensure that the declared mission of the educational program includes problems of public health, the needs of the system of medical and pharmaceutical care and other aspects of social responsibility.		+		
5	5	The medical organization of education must ensure that the mission of the educational program corresponds to the mission of the organization and allow the training of a competent researcher at the level of postgraduate medical education.		+		
6	6	The medical organization of education must have a strategic plan for the development of the educational program corresponding to the declared mission of the medical organization of education, including issues of improving the quality of master's programs and approved by the advisory council of the medical organization of education.		+		
7	7	The medical organization of education must systematically collect, accumulate and analyze information on the quality of the implementation of master's programs; conduct an assessment of strengths and weaknesses (SWOT-analysis), on the basis of which the rectorate (vice-rectorate), together with the advisory council, must determine policy and develop strategic and tactical plans		+		
8	8	Mission of the Educational Program: must be consistent with available resources, capabilities and market requirements; ways to support them should be defined.			+	
9	9	The medical organization of education must provide access to information about the mission, goals of the medical organization of education for the public (availability of information in the media, on the website of the university).		+		
10	10	The mission of the educational program, as well as the mission and goals of the medical organization of education, must be approved by the advisory council		+		
		1.2 INSTITUTIONAL AUTONOMY AND ACADEMIC FREEDOM				
11	11	The organization implementing master's degree programmes should have institutional autonomy to develop and implement policies for		+		

		which the faculty and administration are responsible, especially with regard to: development of an educational program; - the use of allocated resources necessary for the implementation of the educational program.				
		The medical organization of education should guarantee academic freedom to its employees and undergraduates:				
12	12	- with regard to the existing educational programme, which will allow to rely on different points of view in the description and analysis of issues in medicine and pharmacy;		+		
13	13	- the possibility of using the results of new research to improve the study of specific disciplines/issues without expanding the educational program.		+		
		Final learning outcomes				
14	14	The medical organization of education should determine the expected final learning outcomes that graduate students should exhibit after completing the master's program.		+		
15	15	Master's degree with an academic master's degree should provide master's students with competencies that will allow them to become a qualified teacher and/or researcher in accordance with the principles of best research practice.		+		
16	16	Completion of the master's program should have a potential benefit for those who continue their careers outside the medical organization, and apply their competencies formed during master's program development, including - critical analysis, assessment and solution of complex problems, ability to transfer new technologies and synthesis of new ideas.		+		
17	17	The medical organization of education should ensure that the regular (at least once a year) process of renewal and restructuring leads to the modification of the final learning outcomes of graduates in accordance with the responsibilities that are assigned to graduates after graduation from the master's program.		+		
		Total 1 criterion is not applicable	0	13	3	0
		Standard "RESEARCH ENVIRONMENT and EDUCATIONAL RESOURCES"				
		Research environment				
18	1	The success of individual master's programmes must be ensured by a strong and effective research environment.			+	
		The quality of the research environment should be assessed by analyzing:				
19	2	publications of research results (number of publications, impact factor, etc.) in the profile of the master's degree in a medical organization of education;		+		
20	3	the level of attraction of external funding for scientific research in the medical organization of education;			+	
21	4	number of qualified and competent teachers, researchers in the group, at the faculty, educational institution;		+		
22	5	national and international cooperation with research groups of medical organizations, universities, research centers.			+	
23	6	Studies must be conducted in accordance with international ethical standards and approved by the appropriate and competent ethics committees.		+		
24	7	In order to provide access to the tools needed to write a thesis, master's programmes may include training in other laboratories, preferably in another country, thereby ensuring internationalization			+	
25	8	The implementation of the master's program should take place in the context of joint planning of training and research and the overall responsibility of the supervisor and the master's student for the final results.		+		
26	9	The medical organization of education should explore the possibilities of providing joint master's degree programmes from both universities and joint guidance to support cooperation between higher education institutions.			+	
27	10	The medical organization of education should ensure that the process of updating educational resources is carried out in accordance with changing needs, such as the recruitment of master's students, the		+		

		number and profile of academic staff, the master's program.				
		The medical organization of education should:				
28	11	Provide sufficient autonomy in the allocation of resources, including adequate remuneration for teachers, in order to achieve the learning outcomes identified by the relevant indicators;		+		
		when allocating resources, take into account:				
29	12	(a) Scientific advances in medicine; b) problems of public health and its needs		+		
		Material and technical facilities				
		The medical organization of education must have material and technical support corresponding to the licensed indicators, which include the criteria:				
30	13	classrooms, laboratories and their equipment must be modern and adequate to the goals and objectives of the master's program;			+	
31	14	master's students should be provided with conditions for independent educational and research work;		+		
32	15	updating and improvement of the material and technical base should be carried out regularly.		+		
33	16	The medical organization of education should have sufficient resources for the proper implementation of the master's program. The resources of the organization should provide: admission of undergraduates, organization of training in the master's program, the performance of the dissertation work, Scientific leadership counseling of undergraduates, review, review and evaluation of the thesis, award of an academic master's degree, operating costs, costs of participation in training courses, international scientific conferences, payment of tuition fees in the master's degree programme in institutions where this is practised. Resources also include a master's degree scholarship, but fees may vary.		+		
34	17	The resource policy should be aimed at maintaining and ensuring the continuous professional growth of teachers in the master's programme.		+		
35	18	The medical organization of education must provide a safe environment for employees, undergraduates and those who ensure the implementation of the program, including the provision of the necessary information and protection against harmful substances, microorganisms, observance of safety rules in the laboratory and when using equipment.		+		
36	19	The medical organization of education should have a service and support service for future master's students, including an office-registrator, research centers and laboratories, a canteen, a buffet, a medical center, sports grounds and halls.		+		
37	20	The medical organization of education has approved procedures to improve the learning environment of undergraduates by regularly updating, expanding and strengthening the material and technical base, which should correspond to the development in the practice of education.		+		
		Information technologies				
38	21	The medical organization of education must have information support that corresponds to the goals and objectives of the master's program.		+		
39	22	The library should contain the necessary materials for training – educational, technical, scientific and reference literature, various periodicals, etc.			+	
40	23	Graduate students should have timely and free access to library resources.		+		
41	24	The library should have basic technical equipment to support daily activities: faxes, photocopiers, computers, printers available to the public and a telephone with voicemail or answering machine.		+		
42	25	The library should have an information website. The website may contain the following elements: links, inter-library exchange forms, full-text electronic journal articles, and a feedback form.		+		

43	26	The medical organization of education should regularly monitor library resources, study and implement strategies to meet the existing and future needs of undergraduates.			+	
44	27	Graduate students should use computer classes and terminals with access to information resources (local network, Internet).		+		
45	28	In the medical organization of education, the accessibility and adequate use of information resources by undergraduates should be monitored.		+		
46	29	The medical organization of education should constantly update, improve and expand the database of information resources, ensuring access of undergraduates to modern electronic databases, including foreign databases (Thomson Reuters (Web of Science, Thomson Reuters), Scopus, Pubmed, Elsevier, etc.).		+		
47	30	The medical organization of education should open and constantly update on its website a section on master's programs, containing the following information: the structure and staff of the department of the magistracy, the duties of the head and employees of the department; admission policy, including clear rules on the selection process of undergraduates; list of Master's programmes; the structure, duration and content of master's programmes; criteria for the appointment of a scientific supervisor with a statement of the characteristics, responsibilities and qualifications of the scientific supervisor; methods used to evaluate undergraduates; criteria for the design and writing of the thesis; description of the procedure for defending the dissertation work; description of the work of the State Attestation Commission for the protection of master's theses; a quality assurance programme and regular evaluation of the master's programme; information on undergraduates, taking into account the year of study; - information on the employment of graduates of the master's degree program for the last 3 years, taking into account the direction of study (scientific and pedagogical, profile).		+		
		Total:	0	22	8	
		Acceptance POLICY and CRITERIA STANDARD				
48	1	The medical organization of education should define and implement an admission policy, including a clear provision on the selection process for undergraduates.		+		
49	2	Candidates for the master's program must master professional curricula of higher education (basic medical/pharmaceutical/chemical, higher professional (basic medical + internship) or postgraduate education (residency)).	Criterion not applicable to OP			
50	3	When selecting future master's students, the research potential of the applicant should be assessed, and not just take into account his academic performance.	Criterion not applicable to OP			
51	4	The medical organization of education should have a system for studying the employment, demand, career support and continuous professional development of graduates.		+		
52	5	The data obtained through this system should be used to further improve educational programmes.		+		
53	6	The medical organization of education should ensure that the process of updating and restructuring the educational program of the master's degree leads to the adaptation of the policy of admission of master's students to changing expectations and circumstances, the need for personnel resources, changes in the system of postgraduate education and the needs of the program.		+		
		Total : 2 criteria not applicable to OP	0	4	0	0
		MASTER'S PROGRAM STANDARD				
		Curriculum model, teaching methods and structure		+		
54	1	The medical organization of education should define a model of the educational program, including an integrated model based on interdisciplinary communication and a competence-oriented approach, using modular learning technologies, taking into account the final learning outcomes.		+		

55	2	The medical organization of education must determine the purpose and objectives of the master's program, which are aimed at achieving the mission of the organization of education, the mission of the educational program and the final learning outcomes.		+		
56	3	The medical organization of education must ensure that the content of the educational program meets the requirements of the State Standard Education and Standard Curriculum of the relevant specialty and is developed taking into account the needs of the labor market		+		
57	4	The medical organization of education must ensure the implementation of the educational program with the relevant work plans, academic calendar, study programs in disciplines, forms of individual curriculum of future undergraduates and individual work plan of the undergraduate		+		
58	5	The master's program should be based on the performance of an original study, which requires analytical and critical thinking and should be performed under scientific guidance.		+		
59	6	The medical organization of education must ensure that the educational program is implemented in accordance with the principles of equality.		+		
60	7	The medical organization of education must ensure that the graduate student fulfils the obligations to doctors, teachers, colleagues, patients and their relatives in accordance with the Code of Conduct/Code of Honor.	+			
61	8	The master's degree programme should ensure that undergraduates are trained in ethics and responsible research.	+			
62	9	The medical organization of education should determine the methods of teaching and learning used, corresponding to the educational program and the achievement of students' competencies.		+		
63	10	The Master's programme should be structured with a clear time limit equivalent to 1-2 full-time years and contain: - theoretical training, including the study of cycles of basic and profile disciplines; - practical training of undergraduates - various types of practices, professional internships; - research work, including the implementation of a master's thesis for scientific and pedagogical master's degree; - experimental and research work, including the implementation of a master's thesis for a specialized master's degree; - methodological approaches and principles of education corresponding to the educational program and achievement of students' competencies		+		
64	11	The medical organization of education should provide mechanisms for the implementation of pedagogical practice (in accordance with the type of master's degree) for the formation of practical skills and teaching methods for undergraduates.	Criterion not applicable to OP			
65	12	The medical organization of education should provide mechanisms for the implementation of research practice for the formation of knowledge, skills, competencies in the field of the latest theoretical, methodological and technological achievements of domestic and foreign science, modern methods of scientific research, processing and interpretation of experimental data.			+	
66	13	The medical organization of education should provide mechanisms for the implementation of production practice for the formation of master's students on the basis of theoretical knowledge of practical skills, competencies and experience of professional activity in the specialty being studied, as well as the acquisition of best practices			+	
67	14	The medical organization of education must ensure that future undergraduates will have the opportunity to study under the academic mobility program, have mechanisms/procedures for admission of students from other universities, recognition of credits mastered under the academic mobility program			+	
68	15	An appeal mechanism should be developed in the medical organization of education to enable graduate students to review the decision concerning their programmes and the evaluation of their dissertations.		+		
		Evaluation of the Master's programme				
69	16	A health education organization should have a program to monitor		+		

		processes and outcomes, including routine data collection on key aspects of the education program. The purpose of monitoring is to ensure the quality of the educational process, identify areas requiring interventions.				
70	17	The medical organization of education should, on the basis of the approved mechanisms, regularly assess the quality of the program, including feedback from scientific managers, employers and undergraduates.		+		
71	18	The medical organization of education should systematically collect, analyze and provide feedback to teachers and undergraduates, which includes information on the process and products of the educational program, including information on unfair practices or inappropriate behavior of teachers or undergraduates, based on the approved mechanisms.		+		
		The medical organization of education should ensure that the process of renewal and restructuring is carried out regularly and is aimed at:				
72	19	- Adaptation of the curriculum model and methodological approaches in teaching to ensure that they are appropriate and appropriate;		+		
73	20	- Adjustment of programme elements and their interrelationship in accordance with advances in medical sciences, with changes in the demographic situation and the health/morbidity structure of the population and socio-economic and cultural conditions.		+		
		Involvement of stakeholders				
74	21	The medical organization of education should involve the teaching staff and undergraduates, its administration and management in its monitoring program and measures to evaluate the educational program.		+		
75	22	The medical organization of education should involve other stakeholders in the evaluation process, including representatives of academic and administrative staff, representatives of the public, authorized bodies for education and health care, professional organizations, and develop mechanisms to encourage the participation of external experts in the evaluation of the educational program.			+	
76	23	The medical organization of education should provide access to the results of the evaluation of the educational program to all interested parties.		+		
77	24	The medical organization of education should ensure that the process of renewal and restructuring leads to an improvement in the process of monitoring and evaluating the program in accordance with changes in learning outcomes and teaching and learning methods.		+		
		Total 1 criterion is not applicable to OP	0	19	4	0
		SCIENTIFIC GUIDANCE STANDARD				
78	1	The medical organization of education should designate each master's student a supervisor and, where appropriate, a co-supervisor to cover all aspects of the programme.		+		
79	2	The medical organization of education should have mechanisms/procedures governing the process of discussion and approval of the candidacy of the scientific supervisor and the subject of the study of the undergraduate student in accordance with the standard requirements and the SRS.		+		
80	3	The medical organization of education must ensure that the candidacies of scientific leaders will be selected from specialists who have an academic degree and are actively engaged in scientific research in the field of science in the specialty of training a graduate student.		+		
81	4	The medical organization of education should have clearly defined duties and responsibilities of the scientific supervisor.		+		
82	5	Academic supervisors should consult regularly with their graduate students.		+		
83	6	The Master's student must be trained on the basis of an approved individual work plan, which is drawn up under the guidance of the supervisor, which must be reflected in the approved reports for each half-year heard at the meeting of the department (s)		+		
		Total:	0	6	0	0

Standard "THESIS"						
84	1	The topic of the dissertation and the supervisor of the master's degree must be approved after enrolling in a master's degree program.		+		
85	2	The topic of the dissertation work should be evaluated and approved by a group of independent experts (examiners) through an external assessment of the written description or on the basis of the presentation of the research work.		+		
86	3	The master's program should end with the preparation and defense of a master's thesis, which is an indicator of the formation of the master's competencies in accordance with the educational program.		+		
87	4	Research work in the scientific and pedagogical master's degree must: - correspond to the main problems of the specialty in which the Master's Thesis is being defended; - be relevant, contain scientific novelty and practical significance; - be based on modern theoretical, methodological and technological achievements of science and practice; - be carried out using modern methods of scientific research; - contain research (methodological, practical) sections on the main protected provisions; - be based on the advanced international experience in the relevant field of knowledge.		+		
88	5	Experimental and research work in the specialized master's degree program should: - correspond to the main problems of the specialty in which the Master's Thesis is being defended; - be based on modern achievements of science, technology and production and contain specific practical recommendations, independent solutions to managerial tasks; - be carried out with the use of advanced information technologies; - contain experimental and research (methodological, practical) sections on the main protected provisions		+		
89	6	The medical organization of education should determine the period of preparation of the dissertation, limited to 1-2 years.		+		
90	7	The dissertation must be written by the master's student independently, contain a set of scientific results and provisions put forward by the author for public defense.		+		
91	8	The structure of the dissertation should include a literature review related to the research topic, the goals and objectives of the research work, the research methodology, the results, the discussion, the conclusion, the conclusions and the further prospects of the research.		+		
92	9	The results of the dissertation work should be available to interested parties (undergraduates, academic supervisors, employees of the organization where the dissertation was carried out, researchers performing scientific work in a similar direction, and other categories of interested persons), i.e. published, unless copyright or other reasons do not prevent this.		+		
93	10	The dissertation should be accompanied by at least one publication and/or one speech at a scientific and practical conference.		+		
94	11	The medical organization of education must ensure the discussion of the master's thesis at the meeting of the department (s) where the thesis was performed.		+		
		Total:	0	11	0	0
Standard "EVALUATION OF DISSERTATION WORKS"						
95	1	The medical organization of education must define, approve and publish the principles, methods and practices used to evaluate undergraduates, including the criteria for evaluating scientific work.		+		
96	2	The final assessment and approval of the dissertation work should be carried out by the State Attestation Commission (SAC) for the protection of master's theses.		+		
97	3	Defense of the thesis should be carried out in the medical organization of education, where the student is studying.		+		
98	4	The thesis must be reviewed (external) in a similar medical organization of education by a person with a PhD or PhD degree in the profile of the defended thesis.		+		
99	5	The defense of the thesis should include both the preparation of a written version of the report and subsequent oral defense.		+		
100	6	The thesis defense must be open to the public.		+		

101	7	The academic master's degree must be awarded by the medical organization of education on the basis of the decision of the SAC, which evaluates the thesis (standard "Thesis") and oral defense.		+		
		Total:	0	7	0	0
		Standard "MANAGEMENT and ADMINISTRATION"				
		Operating the program				
102	1	The management of the medical organization of education should be effective and ensure the improvement of the educational program.			+	
103	2	The medical organization of education must determine the structural unit responsible for the implementation of educational programs of postgraduate education and the achievement of final learning outcomes.		+		
104	3	The structural unit responsible for the implementation of educational programs of postgraduate education should have the authority to plan and implement the educational program, including the allocation of allocated resources for the planning and implementation of teaching and learning methods, evaluation of undergraduates, evaluation of the educational program and courses of study.		+		
105	4	The medical organization of education must guarantee the interaction of undergraduates with the leadership on the design, management and evaluation of master's programs.		+		
106	5	The medical organization of education should encourage and facilitate the involvement of master's students in the development of educational programs for the training of master's students.		+		
107	6	The structural unit responsible for the implementation of educational programs of postgraduate education should ensure the transparency of the management system and decisions that are published in the bulletins, posted on the website of the university, included in the protocols for review and implementation.		+		
108	7	The medical organization of education should plan and implement innovations in the educational program through the structural unit responsible for the implementation of educational programs of postgraduate education.			+	
109	8	The medical organization of education should include representatives from other relevant stakeholders in the advisory body responsible for the implementation of educational programs of postgraduate education, including other participants in the educational process, representatives from clinical and production bases, graduates of medical organizations of education, health/pharmacy specialists involved in the training process or other teachers of university faculties.		+		
110	9	The medical organization of education should ensure that the structural unit responsible for the implementation of educational programs of postgraduate education: - takes into account the peculiarities of the conditions in which graduates will work and, accordingly, modify the educational program; - considers the modification of the educational program on the basis of feedback from the public and society as a whole.		+		
111	10	The medical organization of education should ensure that the process of renewal and restructuring leads to the improvement of the organizational structure and principles of management of the master's program to ensure effective performance and (in the long term) to meet the interests of various groups of stakeholders in the changing circumstances and needs.		+		
		ACADEMIC LEADERSHIP				
112	11	The medical organization of education should clearly define the responsibility of academic management in relation to the development and management of the educational program.		+		
113	12	The medical education organization should periodically evaluate the academic leadership regarding the achievement of its mission and learning outcomes.		+		
		8.3 BUDGET FOR TRAINING AND RESOURCE				
114	13	The medical organization of education shall: - have a clear set of responsibilities and powers to provide the educational program with resources, including a dedicated budget for training; - Allocate resources necessary for the implementation of the		+		

		educational program and allocate educational resources in accordance with their needs.				
115	14	The system of financing the medical organization of education should be based on the principles of efficiency, effectiveness, priority, transparency, responsibility, delineation and independence of all levels of budgets.		+		
116	15	Financial and administrative policies should be aimed at improving the quality of the educational programme.		+		
		Administrative Staff and Management				
117	16	The medical organization of education must have an appropriate administrative and academic staff, including their number and composition in accordance with the qualifications, in order to: - ensure the introduction of the educational program and relevant activities; - Guarantee proper management and allocation of resources.		+		
118	17	The medical education organization should develop and implement an internal management quality assurance program, including consideration of needs for improvement, and conduct a regular management review and analysis.		+		
119	18	The medical organization of education must ensure the implementation of the master's program in accordance with the quality management system certified by independent organizations.		+		
		Engagement with the health sector				
120	19	A health education organization should have a constructive engagement with the health sector, related health sectors, society and government, including information sharing, cooperation and initiatives of the organization, which contributes to the provision of qualified professionals in accordance with the needs of society.		+		
121	20	The medical organization of education should provide an operational link between the educational program and the subsequent stages of professional training.			+	
122	21	The health education organization should formalize cooperation with partners in the health sector, which includes formal agreements defining the content and modalities of cooperation and/or the conclusion of a joint contract and the establishment of a coordination committee, and joint activities.		+		
		Total:	0	18	3	0
		"CONTINUOUS IMPROVEMENT" Standard				
		The medical organization of education should, as a dynamic and socially responsible institution:				
123	1	initiate procedures for regular review and revision of content, deliverables/competencies, evaluation and training environment, structure and function, document and address deficiencies;		+		
124	2	allocate resources for continuous improvement.		+		
		The medical organization of education should:				
125	3	base the updating process on prospective studies and analyses and on the results of own study, assessment and literature on medical postgraduate education;		+		
126	4	ensure that the renewal and restructuring process results in a review of its policies and practices in line with past experience, current activities and prospects.		+		
		The medical organization of education in the process of renewal/continuous improvement should pay attention to:				
127	5	adaptation of the mission and final results of postgraduate medical education to the scientific, socio-economic and cultural development of society for the future;		+		
128	6	modification of the intended outcomes of postgraduate studies in the selected healthcare area in accordance with the documented needs of the environment. Changes may include the adjustment of the structure and content of the educational program, the principles of active learning. The adjustment will ensure, along with the elimination of outdated, the acquisition of new relevant knowledge, concepts, methods and concepts based on new advances in basic biomedical, clinical, behavioural and social sciences, taking into account changes in the demographic situation and the structure of the population on issues of public health, as well as changes in socio-economic and cultural conditions;		+		
129	7	development of assessment principles, methods of conducting and		+		

		number of examinations in accordance with changes in the final learning outcomes and methods of teaching and learning;				
130	8	adapting the policy of recruitment and selection of students to the master's degree taking into account changing expectations and circumstances, the need for human resources, changes in the system of postgraduate education and the needs of the educational program;		+		
131	9	adapting recruitment and academic staffing policies to changing needs;		+		
132	10	improved monitoring and evaluation of the educational program.		+		
133	11	Improved organizational structure and management principles to ensure effective performance in changing circumstances and needs and, ultimately, to serve the interests of different stakeholder groups.			+	
		Total:	0	10	1	0
		Total: 4 criteria not applicable to OP	2	110	19	0



Evaluation table "SPECIALIZED PROFILE PARAMETERS"
Master's Degree Program in Healthcare Management

		EVALUATION CRITERIA	The position of the organization of education			
			Severe	Adequate	Assumes improvement	Unsatisfactory
		"MISSION AND LEARNING OUTCOMES"				
		Definition of the mission of the educational program				
1	1	The health education organization should define its <i>mission</i> of the educational program and communicate it to stakeholders and the health sector .			+	
2	2	The medical organization of education must ensure that the main stakeholders participate in the development (formulation) of the mission of the educational program.			+	
3	3	The mission statement of the educational program should contain the goals and educational strategy of the program, allowing to train a competent researcher at the level of postgraduate medical/pharmaceutical education.	Not applicable			
4	4	The medical organization of education must ensure that the declared mission of the educational program includes problems of public health, the needs of the system of medical and pharmaceutical care and other aspects of social responsibility.			+	
5	5	The medical organization of education must ensure that the mission of the educational program corresponds to the mission of the organization and allow the training of a competent researcher at the level of postgraduate medical education.	Not applicable			
6	6	The medical organization of education must have a strategic plan for the development of the educational program corresponding to the declared mission of the medical organization of education, including issues of improving the quality of master's programs and approved by the advisory council of the medical organization of education.		+		
7	7	The medical organization of education must systematically collect, accumulate and analyze information on the quality of the implementation of master's programs; conduct an assessment of strengths and weaknesses (SWOT-analysis), on the basis of which the rectorate (vice-rectorate), together with the advisory council, must determine policy and develop strategic and tactical plans		+		
		Mission and objectives of the educational program:				
8	8	<ul style="list-style-type: none"> – must be consistent with available resources, capabilities and market requirements; – ways to support them should be defined. 			+	
9	9	The medical organization of education must provide access to information about the mission, goals of the medical organization of education for the public (availability of information in the media, on the website of the university).			+	
10	10	The mission of the educational program, as well as the mission and goals of the medical organization of education, must be approved by the advisory council			+	
		1.2 INSTITUTIONAL AUTONOMY AND ACADEMIC FREEDOM				
11	11	The organization implementing master's degree programmes should have institutional autonomy to develop and implement policies for which the faculty and administration are responsible, especially with		+		

		regard to: - development of an educational program; - the use of allocated resources necessary for the implementation of the educational program.				
		The medical organization of education should guarantee academic freedom to its employees and undergraduates:				
12	12	- with regard to the existing educational programme, which will allow to rely on different points of view in the description and analysis of issues in medicine and pharmacy;		+		
13	13	- the possibility of using the results of new research to improve the study of specific disciplines/issues without expanding the educational program.		+		
		Final learning outcomes				
14	14	The medical organization of education should determine the expected final learning outcomes that graduate students should exhibit after completing the master's program.		+		
15	15	Master's degree with an academic master's degree should provide master's students with competencies that will allow them to become a qualified teacher and/or researcher in accordance with the principles of best research practice.		+		
16	16	Completion of the master's program should have a potential benefit for those who continue their careers outside the medical organization, and apply their competencies formed during master's program development, including - critical analysis, assessment and solution of complex problems, ability to transfer new technologies and synthesis of new ideas.		+		
17	17	The medical organization of education should ensure that the regular (at least once a year) process of renewal and restructuring leads to the modification of the final learning outcomes of graduates in accordance with the responsibilities that are assigned to graduates after graduation from the master's program.		+		
		Total 2 criteria not applicable	0	9	6	0
		Standard "RESEARCH ENVIRONMENT and EDUCATIONAL RESOURCES"				
		Research environment				
18	1	The success of individual master's programmes must be ensured by a strong and effective research environment.		+		
		The quality of the research environment should be assessed by analyzing:				
19	2	publications of research results (number of publications, impact factor, etc.) in the profile of the master's degree in a medical organization of education;		+		
20	3	the level of attraction of external funding for scientific research in the medical organization of education;			+	
21	4	number of qualified and competent teachers, researchers in the group, at the faculty, educational institution;		+		
22	5	national and international cooperation with research groups of medical organizations, universities, research centers.		+		
23	6	Studies must be conducted in accordance with international ethical standards and approved by the appropriate and competent ethics committees.		+		
24	7	In order to provide access to the tools needed to write a thesis, master's programmes may include training in other laboratories, preferably in another country, thereby ensuring internationalization		+		
25	8	The implementation of the master's program should take place in the context of joint planning of training and research and the overall responsibility of the supervisor and the master's student for the final results.		+		
26	9	The medical organization of education should explore the possibilities of providing joint master's degree programmes from both universities and joint guidance to support cooperation between higher education institutions.			+	
27	10	The medical organization of education should ensure that the process of updating educational resources is carried out in accordance with changing needs, such as the recruitment of master's students, the number and profile of academic staff, the master's program.			+	

		The medical organization of education should :				
28	11	Provide sufficient autonomy in the allocation of resources, including adequate remuneration for teachers, in order to achieve the learning outcomes identified by the relevant indicators; when allocating resources, take into account:		+		
29	12	(a) Scientific advances in medicine; b) problems of public health and its needs		+		
		Material and technical facilities				
		The medical organization of education must have material and technical support corresponding to the licensed indicators, which include the criteria:				
30	13	classrooms, laboratories and their equipment must be modern and adequate to the goals and objectives of the master's program;		+		
31	14	master's students should be provided with conditions for independent educational and research work;		+		
32	15	updating and improvement of the material and technical base should be carried out regularly.		+		
33	16	The medical organization of education should have sufficient resources for the proper implementation of the master's program. The resources of the organization should provide: – admission of undergraduates, – organization of training in the master's program, – the performance of the dissertation work, – Scientific leadership – counseling of undergraduates, – review, review and evaluation of the thesis, – award of an academic master's degree, – operating costs, – costs of participation in training courses, international scientific conferences, – payment of tuition fees in the master's degree programme in institutions where this is practised. Resources also include a master's degree scholarship, but fees may vary.		+		
34	17	The resource policy should be aimed at maintaining and ensuring the continuous professional growth of teachers in the master's programme.		+		
35	18	The medical organization of education must provide a safe environment for employees, undergraduates and those who ensure the implementation of the program, including the provision of the necessary information and protection against harmful substances, microorganisms, observance of safety rules in the laboratory and when using equipment.		+		
36	19	The medical organization of education should have a service and support service for future master's students, including an office-registrator, research centers and laboratories, a canteen, a buffet, a medical center, sports grounds and halls.		+		
37	20	The medical organization of education has approved procedures to improve the learning environment of undergraduates by regularly updating, expanding and strengthening the material and technical base, which should correspond to the development in the practice of education.		+		
		Information technologies				
38	21	The medical organization of education must have information support that corresponds to the goals and objectives of the master's program.		+		
39	22	The library should contain the necessary materials for training – educational, technical, scientific and reference literature, various periodicals, etc.		+		
40	23	Graduate students should have timely and free access to library resources.		+		
41	24	The library should have basic technical equipment to support daily activities: faxes, photocopiers, computers, printers available to the public and a telephone with voicemail or answering machine.		+		
42	25	The library should have an information website. The website may contain the following elements: links, inter-library exchange forms, full-text electronic journal articles, and a feedback form.		+		

43	26	The medical organization of education should regularly monitor library resources, study and implement strategies to meet the existing and future needs of undergraduates.		+		
44	27	Graduate students should use computer classes and terminals with access to information resources (local network, Internet).		+		
45	28	In the medical organization of education, the accessibility and adequate use of information resources by undergraduates should be monitored.		+		
46	29	The medical organization of education should constantly update, improve and expand the database of information resources, ensuring access of undergraduates to modern electronic databases, including foreign databases (Thomson Reuters (Web of Science, Thomson Reuters), Scopus, Pubmed, Elsevier, etc.).		+		
47	30	The medical organization of education should open and constantly update on its website a section on master's programs, containing the following information: <ul style="list-style-type: none"> – the structure and staff of the department of the magistracy, the duties of the head and employees of the department; – admission policy, including clear rules on the selection process of undergraduates; – list of Master's programmes; – the structure, duration and content of master's programmes; – criteria for the appointment of a scientific supervisor with a statement of the characteristics, responsibilities and qualifications of the scientific supervisor; – methods used to evaluate undergraduates; – criteria for the design and writing of the thesis; – description of the procedure for defending the dissertation work; – description of the work of the State Attestation Commission for the protection of master's theses; – a quality assurance programme and regular evaluation of the master's programme; – information on undergraduates, taking into account the year of study; – information on the employment of graduates of the master's degree program for the last 3 years, taking into account the direction of study (scientific and pedagogical, profile). 		+		
		Total:		27	3	
		Acceptance POLICY and CRITERIA STANDARD				
48	1	The medical organization of education should define and implement an admission policy, including a clear provision on the selection process for undergraduates.		+		
49	2	Candidates for the master's program must master the professional curricula of higher education (basic medical/pharmaceutical/chemical, higher professional (basic medical + internship) or postgraduate education (residency)).		+		
50	3	When selecting future master's students, the research potential of the applicant should be assessed, and not just take into account his academic performance.	Criterion not applicable to OP			
51	4	The medical organization of education should have a system for studying the employment, demand, career support and continuous professional development of graduates.		+		
52	5	The data obtained through this system should be used to further improve educational programmes.		+		
53	6	The medical organization of education should ensure that the process of updating and restructuring the educational program of the master's degree leads to the adaptation of the policy of admission of master's students to changing expectations and circumstances, the need for personnel resources, changes in the system of postgraduate education and the needs of the program.		+		
		Total: 1 criterion not applicable to OP	0	5	0	0
		MASTER'S PROGRAM STANDARD				
		Curriculum model, teaching methods and structure				
54	1	The medical organization of education should define a model of the educational program, including an integrated model based on interdisciplinary communication and a competence-oriented		+		

		approach, using modular learning technologies, taking into account the final learning outcomes.				
55	2	The medical organization of education must determine the purpose and objectives of the master's program, which are aimed at achieving the mission of the organization of education, the mission of the educational program and the final learning outcomes.		+		
56	3	The medical organization of education must ensure that the content of the educational program meets the requirements of the State Standard Education and Standard Curriculum of the relevant specialty and is developed taking into account the needs of the labor market		+		
57	4	The medical organization of education must ensure the implementation of the educational program with the relevant work plans, academic calendar, study programs in disciplines, forms of individual curriculum of future undergraduates and individual work plan of the undergraduate		+		
58	5	The master's program should be based on the performance of an original study, which requires analytical and critical thinking and should be performed under scientific guidance.		+		
59	6	The medical organization of education must ensure that the educational program is implemented in accordance with the principles of equality.		+		
60	7	The medical organization of education must ensure that the graduate student fulfils the obligations to doctors, teachers, colleagues, patients and their relatives in accordance with the Code of Conduct/Code of Honor.		+		
61	8	The master's degree programme should ensure that undergraduates are trained in ethics and responsible research.		+		
62	9	The medical organization of education should determine the methods of teaching and learning used, corresponding to the educational program and the achievement of students' competencies.		+		
63	10	The Master's programme should be structured with a clear time limit equivalent to 1-2 full-time years and contain: - theoretical training, including the study of cycles of basic and profile disciplines; - practical training of undergraduates - various types of practices, professional internships; - research work, including the implementation of a master's thesis for scientific and pedagogical master's degree; - experimental and research work, including the implementation of a master's thesis for a specialized master's degree; - methodological approaches and principles of education corresponding to the educational program and achievement of students' competencies		+		
64	11	The medical organization of education should provide mechanisms for the implementation of pedagogical practice (in accordance with the type of master's degree) for the formation of practical skills and teaching methods for undergraduates.	Criterion not applicable to OP			
65	12	The medical organization of education should provide mechanisms for the implementation of research practice for the formation of knowledge, skills, competencies in the field of the latest theoretical, methodological and technological achievements of domestic and foreign science, modern methods of scientific research, processing and interpretation of experimental data.		+		
66	13	The medical organization of education should provide mechanisms for the implementation of production practice for the formation of master's students on the basis of theoretical knowledge of practical skills, competencies and experience of professional activity in the specialty being studied, as well as the acquisition of best practices		+		
67	14	The medical organization of education must ensure that future undergraduates will have the opportunity to study under the academic mobility program, have mechanisms/procedures for admission of students from other universities, recognition of credits mastered under the academic mobility program			+	
68	15	An appeal mechanism should be developed in the medical organization of education to enable graduate students to review the decision concerning their programmes and the evaluation of their dissertations.		+		

		Evaluation of the Master's programme				
69	16	A health education organization should have a program to monitor processes and outcomes, including routine data collection on key aspects of the education program. The purpose of monitoring is to ensure the quality of the educational process, identify areas requiring interventions.		+		
70	17	The medical organization of education should , on the basis of the approved mechanisms, regularly assess the quality of the program, including feedback from scientific managers, employers and undergraduates.		+		
71	18	The medical organization of education should systematically collect, analyze and provide feedback to teachers and undergraduates, which includes information on the process and products of the educational program, including information on unfair practices or inappropriate behavior of teachers or undergraduates, based on the approved mechanisms.		+		
		The medical organization of education should ensure that the process of renewal and restructuring is carried out regularly and is aimed at:				
72	19	- Adaptation of the curriculum model and methodological approaches in teaching to ensure that they are appropriate and appropriate;		+		
73	20	- Adjustment of programme elements and their interrelationship in accordance with advances in medical sciences, with changes in the demographic situation and the health/morbidity structure of the population and socio-economic and cultural conditions.		+		
		Involvement of stakeholders				
74	21	The medical organization of education should involve the teaching staff and undergraduates, its administration and management in its monitoring program and measures to evaluate the educational program.		+		
75	22	The medical organization of education should involve other stakeholders in the evaluation process, including representatives of academic and administrative staff, representatives of the public, authorized bodies for education and health care, professional organizations, and develop mechanisms to encourage the participation of external experts in the evaluation of the educational program.		+		
76	23	The medical organization of education should provide access to the results of the evaluation of the educational program to all interested parties.		+		
77	24	The medical organization of education should ensure that the process of renewal and restructuring leads to an improvement in the process of monitoring and evaluating the program in accordance with changes in learning outcomes and teaching and learning methods.		+		
		Total 1 criterion is not applicable to EP	0	23	1	0
		SCIENTIFIC GUIDANCE STANDARD				
78	1	The medical organization of education should designate each master's student a supervisor and, where appropriate, a co-supervisor to cover all aspects of the programme.		+		
79	2	The medical organization of education should have mechanisms/procedures governing the process of discussion and approval of the candidacy of the scientific supervisor and the subject of the study of the undergraduate student in accordance with the standard requirements and the SRS.		+		
80	3	The medical organization of education must ensure that the candidacies of scientific leaders will be selected from specialists who have an academic degree and are actively engaged in scientific research in the field of science in the specialty of training a graduate student.		+		
81	4	The medical organization of education should have clearly defined duties and responsibilities of the scientific supervisor.		+		
82	5	Academic supervisors should consult regularly with their graduate students.		+		
83	6	The Master's student must be trained on the basis of an approved individual work plan, which is drawn up under the guidance of the supervisor, which must be reflected in the approved reports for each		+		

		half-year heard at the meeting of the department (s)				
		Total:	0	6	0	0
		Standard "THESIS"				
84	1	The topic of the dissertation and the supervisor of the master's degree must be approved after enrolling in a master's degree program.		+		
85	2	The topic of the dissertation work should be evaluated and approved by a group of independent experts (examiners) through an external assessment of the written description or on the basis of the presentation of the research work.		+		
86	3	The master's program should end with the preparation and defense of a master's thesis, which is an indicator of the formation of the master's competencies in accordance with the educational program.		+		
87	4	Research work in the scientific and pedagogical master's degree must: <ul style="list-style-type: none"> - correspond to the main problems of the specialty in which the Master's Thesis is being defended; - be relevant, contain scientific novelty and practical significance; - be based on modern theoretical, methodological and technological achievements of science and practice; - be carried out using modern methods of scientific research; - contain research (methodological, practical) sections on the main protected provisions; - be based on the advanced international experience in the relevant field of knowledge. 		+		
88	5	Experimental and research work in the specialized master's degree program should: <ul style="list-style-type: none"> - correspond to the main problems of the specialty in which the Master's Thesis is being defended; - be based on modern achievements of science, technology and production and contain specific practical recommendations, independent solutions to managerial tasks; - be carried out with the use of advanced information technologies; - contain experimental and research (methodological, practical) sections on the main protected provisions 		+		
89	6	The medical organization of education should determine the period of preparation of the dissertation, limited to 1-2 years.		+		
90	7	The dissertation must be written by the master's student independently, contain a set of scientific results and provisions put forward by the author for public defense.		+		
91	8	The structure of the dissertation should include a literature review related to the research topic, the goals and objectives of the research work, the research methodology, the results, the discussion, the conclusion, the conclusions and the further prospects of the research.		+		
92	9	The results of the dissertation work should be available to interested parties (undergraduates, academic supervisors, employees of the organization where the dissertation was carried out, researchers performing scientific work in a similar direction, and other categories of interested persons), i.e. published, unless copyright or other reasons do not prevent this.		+		
93	10	The dissertation should be accompanied by at least one publication and/or one speech at a scientific and practical conference.		+		
94	11	The medical organization of education must ensure the discussion of the master's thesis at the meeting of the department (s) where the thesis was performed.		+		
		Total:	0	11	0	0
		Standard "EVALUATION OF DISSERTATION WORKS"				
95	1	The medical organization of education must define, approve and publish the principles, methods and practices used to evaluate undergraduates, including the criteria for evaluating scientific work.		+		
96	2	The final assessment and approval of the dissertation work should be carried out by the State Attestation Commission (SAC) for the protection of master's theses.		+		
97	3	The defense of the thesis should be carried out in the university where the master's student is studying.		+		
98	4	The thesis must be reviewed (external) in a similar medical		+		

		organization of education by a person with a PhD or PhD degree in the profile of the defended thesis.				
99	5	The defense of the thesis should include both the preparation of a written version of the report and subsequent oral defense.		+		
100	6	The thesis defense must be open to the public.		+		
101	7	The academic master's degree must be awarded by the medical organization of education on the basis of the decision of the SAC, which evaluates the thesis (standard "Thesis") and oral defense.		+		
		Total:	0	7	0	0
		Standard "MANAGEMENT and ADMINISTRATION"				
		Operating the program				
102	1	The management of the medical organization of education should be effective and ensure the improvement of the educational program.			+	
103	2	The medical organization of education must determine the structural unit responsible for the implementation of educational programs of postgraduate education and the achievement of final learning outcomes.		+		
104	3	The structural unit responsible for the implementation of educational programs of postgraduate education should have the authority to plan and implement the educational program, including the allocation of allocated resources for the planning and implementation of teaching and learning methods, evaluation of undergraduates, evaluation of the educational program and courses of study.		+		
105	4	The medical organization of education must guarantee the interaction of undergraduates with the leadership on the design, management and evaluation of master's programs.		+		
106	5	The medical organization of education should encourage and facilitate the involvement of master's students in the development of educational programs for the training of master's students.		+		
107	6	The structural unit responsible for the implementation of educational programs of postgraduate education should ensure the transparency of the management system and decisions that are published in the bulletins, posted on the website of the university, included in the protocols for review and implementation.		+		
108	7	The medical organization of education should plan and implement innovations in the educational program through the structural unit responsible for the implementation of educational programs of postgraduate education.			+	
109	8	The medical organization of education should include representatives from other relevant stakeholders in the advisory body responsible for the implementation of educational programs of postgraduate education, including other participants in the educational process, representatives from clinical and production bases, graduates of medical organizations of education, health/pharmacy specialists involved in the training process or other teachers of university faculties.		+		
110	9	The medical organization of education should ensure that the structural unit responsible for the implementation of educational programs of postgraduate education: - takes into account the peculiarities of the conditions in which graduates will work and, accordingly, modify the educational program; - considers the modification of the educational program on the basis of feedback from the public and society as a whole.		+		
111	10	The medical organization of education should ensure that the process of renewal and restructuring leads to the improvement of the organizational structure and principles of management of the master's program to ensure effective performance and (in the long term) to meet the interests of various groups of stakeholders in the changing circumstances and needs.		+		
		ACADEMIC LEADERSHIP				
112	11	The medical organization of education should clearly define the responsibility of academic management in relation to the development and management of the educational program.		+		
113	12	The medical education organization should periodically evaluate the academic leadership regarding the achievement of its mission and learning outcomes.		+		
		8.3 BUDGET FOR TRAINING AND RESOURCE				

114	13	The medical organization of education shall : - have a clear set of responsibilities and powers to provide the educational program with resources, including a dedicated budget for training; - Allocate resources necessary for the implementation of the educational program and allocate educational resources in accordance with their needs.		+		
115	14	The system of financing the medical organization of education should be based on the principles of efficiency, effectiveness, priority, transparency, responsibility, delineation and independence of all levels of budgets.		+		
116	15	Financial and administrative policies should be aimed at improving the quality of the educational programme.		+		
		Administrative Staff and Management				
117	16	The medical organization of education must have an appropriate administrative and academic staff, including their number and composition in accordance with the qualifications, in order to: - ensure the introduction of the educational program and relevant activities; - Guarantee proper management and allocation of resources.		+		
118	17	The medical education organization should develop and implement an internal management quality assurance program, including consideration of needs for improvement, and conduct a regular management review and analysis.		+		
119	18	The medical organization of education must ensure the implementation of the master's program in accordance with the quality management system certified by independent organizations.		+		
		Engagement with the health sector				
120	19	A health education organization should have a constructive engagement with the health sector, related health sectors, society and government, including information sharing, cooperation and initiatives of the organization, which contributes to the provision of qualified professionals in accordance with the needs of society.		+		
121	20	The medical organization of education should provide an operational link between the educational program and the subsequent stages of professional training.		+		
122	21	The health education organization should formalize cooperation with partners in the health sector, which includes formal agreements defining the content and modalities of cooperation and/or the conclusion of a joint contract and the establishment of a coordination committee, and joint activities.		+		
		Total:	0	19	2	0
		CONSTANT IMPROVEMENT Standard				
		The medical organization of education should , as a dynamic and socially responsible institution:				
123	1	initiate procedures for regular review and revision of content, deliverables/competencies, evaluation and training environment, structure and function, document and address deficiencies;		+		
124	2	allocate resources for continuous improvement.		+		
		The medical organization of education should :				
125	3	base the updating process on prospective studies and analyses and on the results of own study, assessment and literature on medical postgraduate education;		+		
126	4	ensure that the renewal and restructuring process results in a review of its policies and practices in line with past experience, current activities and prospects.		+		
		The medical organization of education in the process of renewal/continuous improvement should pay attention to:				
127	5	adaptation of the mission and final results of postgraduate medical education to the scientific, socio-economic and cultural development of society for the future;		+		
128	6	modification of the intended outcomes of postgraduate studies in the selected healthcare area in accordance with the documented needs of the environment. Changes may include the adjustment of the structure and content of the educational program, the principles of active learning. The adjustment will ensure, along with the elimination of outdated, the acquisition of new relevant knowledge, concepts, methods and concepts based on new advances in basic biomedical,		+		

		clinical, behavioural and social sciences, taking into account changes in the demographic situation and the structure of the population on issues of public health, as well as changes in socio-economic and cultural conditions;				
129	7	development of assessment principles, methods of conducting and number of examinations in accordance with changes in the final learning outcomes and methods of teaching and learning;		+		
130	8	adapting the policy of recruitment and selection of students to the master's degree taking into account changing expectations and circumstances, the need for human resources, changes in the system of postgraduate education and the needs of the educational program;		+		
131	9	adapting recruitment and academic staffing policies to changing needs;		+		
132	10	improved monitoring and evaluation of the educational program.		+		
133	11	Improved organizational structure and management principles to ensure effective performance in changing circumstances and needs and, ultimately, to serve the interests of different stakeholder groups.			+	
		Total:	0	10	1	0
		Total: 4 criteria not applicable to OP	0	116	13	0

Evaluation table "SPECIALIZED PROFILE PARAMETERS"
Master's Degree Program Public Health

		EVALUATION CRITERIA	The position of the organization of education			
			Severe	Adequate	Assumes improvement	Unsatisfactory
		"MISSION AND LEARNING OUTCOMES"				
		Definition of the mission of the educational program				
1	1	The health education organization should define its <i>mission</i> of the educational program and communicate it to stakeholders and the health sector .			+	
2	2	The medical organization of education must ensure that the main stakeholders participate in the development (formulation) of the mission of the educational program.			+	
3	3	The mission statement of the educational program should contain the goals and educational strategy of the program, allowing to train a competent researcher at the level of postgraduate medical/pharmaceutical education.	Not applicable			
4	4	The medical organization of education must ensure that the declared mission of the educational program includes problems of public health, the needs of the system of medical and pharmaceutical care and other aspects of social responsibility.			+	
5	5	The medical organization of education must ensure that the mission of the educational program corresponds to the mission of the organization and allow the training of a competent researcher at the level of postgraduate medical education.	Not applicable			
6	6	The medical organization of education must have a strategic plan for the development of the educational program corresponding to the declared mission of the medical organization of education, including issues of improving the quality of master's programs and approved by the advisory council of the medical organization of education.		+		

7	7	The medical organization of education must systematically collect, accumulate and analyze information on the quality of the implementation of master's programs; conduct an assessment of strengths and weaknesses (SWOT-analysis), on the basis of which the rectorate (vice-rectorate), together with the advisory council, must determine policy and develop strategic and tactical plans		+		
		Mission and objectives of the educational program:				
8	8	<ul style="list-style-type: none"> – must be consistent with available resources, capabilities and market requirements; – ways to support them should be defined. 			+	
9	9	The medical organization of education must provide access to information about the mission, goals of the medical organization of education for the public (availability of information in the media, on the website of the university).			+	
10	10	The mission of the educational program, as well as the mission and goals of the medical organization of education, must be approved by the advisory council			+	
		1.2 INSTITUTIONAL AUTONOMY AND ACADEMIC FREEDOM				
11	11	<p>The organization implementing master's degree programmes should have institutional autonomy to develop and implement policies for which the faculty and administration are responsible, especially with regard to:</p> <ul style="list-style-type: none"> – development of an educational program; - the use of allocated resources necessary for the implementation of the educational program. 		+		
		The medical organization of education should guarantee academic freedom to its employees and undergraduates:				
12	12	- with regard to the existing educational programme, which will allow to rely on different points of view in the description and analysis of issues in medicine and pharmacy;		+		
13	13	- the possibility of using the results of new research to improve the study of specific disciplines/issues without expanding the educational program.		+		
		Final learning outcomes				
14	14	The medical organization of education should determine the expected final learning outcomes that graduate students should exhibit after completing the master's program.		+		
15	15	Master's degree with an academic master's degree should provide master's students with competencies that will allow them to become a qualified teacher and/or researcher in accordance with the principles of best research practice.		+		
16	16	Completion of the master's program should have a potential benefit for those who continue their careers outside the medical organization, and apply their competencies formed during master's program development, including - critical analysis, assessment and solution of complex problems, ability to transfer new technologies and synthesis of new ideas.		+		
17	17	The medical organization of education should ensure that the regular (at least once a year) process of renewal and restructuring leads to the modification of the final learning outcomes of graduates in accordance with the responsibilities that are assigned to graduates after graduation from the master's program.		+		
		Total 2 criteria not applicable	0	9	6	0
		Standard "RESEARCH ENVIRONMENT and EDUCATIONAL RESOURCES"				
		Research environment				
18	1	The success of individual master's programmes must be ensured by a strong and effective research environment.		+		
		The quality of the research environment should be assessed by analyzing:				
19	2	publications of research results (number of publications, impact factor, etc.) in the profile of the master's degree in a medical organization of education;		+		
20	3	the level of attraction of external funding for scientific research in the medical organization of education;			+	

21	4	number of qualified and competent teachers, researchers in the group, at the faculty, educational institution;		+		
22	5	national and international cooperation with research groups of medical organizations, universities, research centers.		+		
23	6	Studies must be conducted in accordance with international ethical standards and approved by the appropriate and competent ethics committees.		+		
24	7	In order to provide access to the tools needed to write a thesis, master's programmes may include training in other laboratories, preferably in another country, thereby ensuring internationalization		+		
25	8	The implementation of the master's program should take place in the context of joint planning of training and research and the overall responsibility of the supervisor and the master's student for the final results.		+		
26	9	The medical organization of education should explore the possibilities of providing joint master's degree programmes from both universities and joint guidance to support cooperation between higher education institutions.			+	
27	10	The medical organization of education should ensure that the process of updating educational resources is carried out in accordance with changing needs, such as the recruitment of master's students, the number and profile of academic staff, the master's program.			+	
		The medical organization of education should :				
28	11	Provide sufficient autonomy in the allocation of resources, including adequate remuneration for teachers, in order to achieve the learning outcomes identified by the relevant indicators;		+		
		when allocating resources, take into account:				
29	12	(a) Scientific advances in medicine; b) problems of public health and its needs		+		
		Material and technical facilities				
		The medical organization of education must have material and technical support corresponding to the licensed indicators, which include the criteria:				
30	13	classrooms, laboratories and their equipment must be modern and adequate to the goals and objectives of the master's program;		+		
31	14	master's students should be provided with conditions for independent educational and research work;		+		
32	15	updating and improvement of the material and technical base should be carried out regularly.		+		
33	16	The medical organization of education should have sufficient resources for the proper implementation of the master's program. The resources of the organization should provide: – admission of undergraduates, – organization of training in the master's program, – the performance of the dissertation work, – Scientific leadership – counseling of undergraduates, – review, review and evaluation of the thesis, – award of an academic master's degree, – operating costs, – costs of participation in training courses, international scientific conferences, – payment of tuition fees in the master's degree programme in institutions where this is practised. Resources also include a master's degree scholarship, but fees may vary.		+		
34	17	The resource policy should be aimed at maintaining and ensuring the continuous professional growth of teachers in the master's programme.		+		
35	18	The medical organization of education must provide a safe environment for employees, undergraduates and those who ensure the implementation of the program, including the provision of the necessary information and protection against harmful substances, microorganisms, observance of safety rules in the laboratory and when using equipment.		+		
36	19	The medical organization of education should have a service and support service for future master's students, including an office-		+		

		registrator, research centers and laboratories, a canteen, a buffet, a medical center, sports grounds and halls.				
37	20	The medical organization of education has approved procedures to improve the learning environment of undergraduates by regularly updating, expanding and strengthening the material and technical base, which should correspond to the development in the practice of education.		+		
		Information technologies				
38	21	The medical organization of education must have information support that corresponds to the goals and objectives of the master's program.		+		
39	22	The library should contain the necessary materials for training – educational, technical, scientific and reference literature, various periodicals, etc.		+		
40	23	Graduate students should have timely and free access to library resources.		+		
41	24	The library should have basic technical equipment to support daily activities: faxes, photocopiers, computers, printers available to the public and a telephone with voicemail or answering machine.		+		
42	25	The library should have an information website. The website may contain the following elements: links, inter-library exchange forms, full-text electronic journal articles, and a feedback form.		+		
43	26	The medical organization of education should regularly monitor library resources, study and implement strategies to meet the existing and future needs of undergraduates.		+		
44	27	Graduate students should use computer classes and terminals with access to information resources (local network, Internet).		+		
45	28	In the medical organization of education, the accessibility and adequate use of information resources by undergraduates should be monitored.		+		
46	29	The medical organization of education should constantly update, improve and expand the database of information resources, ensuring access of undergraduates to modern electronic databases, including foreign databases (Thomson Reuters (Web of Science, Thomson Reuters), Scopus, Pubmed, Elsevier, etc.).		+		
47	30	The medical organization of education should open and constantly update on its website a section on master's programs, containing the following information: <ul style="list-style-type: none"> – the structure and staff of the department of the magistracy, the duties of the head and employees of the department; – admission policy, including clear rules on the selection process of undergraduates; – list of Master's programmes; – the structure, duration and content of master's programmes; – criteria for the appointment of a scientific supervisor with a statement of the characteristics, responsibilities and qualifications of the scientific supervisor; – methods used to evaluate undergraduates; – criteria for the design and writing of the thesis; – description of the procedure for defending the dissertation work; – description of the work of the State Attestation Commission for the protection of master's theses; – a quality assurance programme and regular evaluation of the master's programme; – information on undergraduates, taking into account the year of study; - information on the employment of graduates of the master's degree program for the last 3 years, taking into account the direction of study (scientific and pedagogical, profile). 		+		
		Total:		27	3	
		Acceptance POLICY and CRITERIA STANDARD				
48	1	The medical organization of education should define and implement an admission policy, including a clear provision on the selection process for undergraduates.		+		
49	2	Candidates for the master's program must master the professional		+		

		curricula of higher education (basic medical/pharmaceutical/chemical, higher professional (basic medical + internship) or postgraduate education (residency)).				
50	3	When selecting future master's students, the research potential of the applicant should be assessed, and not just take into account his academic performance.	Criterion not applicable to OP			
51	4	The medical organization of education should have a system for studying the employment, demand, career support and continuous professional development of graduates.		+		
52	5	The data obtained through this system should be used to further improve educational programmes.		+		
53	6	The medical organization of education should ensure that the process of updating and restructuring the educational program of the master's degree leads to the adaptation of the policy of admission of master's students to changing expectations and circumstances, the need for personnel resources, changes in the system of postgraduate education and the needs of the program.		+		
		Total : 1 criterion not applicable to OP	0	5	0	0
		MASTER'S PROGRAM STANDARD				
		Curriculum model, teaching methods and structure				
54	1	The medical organization of education should define a model of the educational program, including an integrated model based on interdisciplinary communication and a competence-oriented approach, using modular learning technologies, taking into account the final learning outcomes.		+		
55	2	The medical organization of education must determine the purpose and objectives of the master's program, which are aimed at achieving the mission of the organization of education, the mission of the educational program and the final learning outcomes.		+		
56	3	The medical organization of education must ensure that the content of the educational program meets the requirements of the State Standard Education and Standard Curriculum of the relevant specialty and is developed taking into account the needs of the labor market		+		
57	4	The medical organization of education must ensure the implementation of the educational program with the relevant work plans, academic calendar, study programs in disciplines, forms of individual curriculum of future undergraduates and individual work plan of the undergraduate		+		
58	5	The master's program should be based on the performance of an original study, which requires analytical and critical thinking and should be performed under scientific guidance.		+		
59	6	The medical organization of education must ensure that the educational program is implemented in accordance with the principles of equality.		+		
60	7	The medical organization of education must ensure that the graduate student fulfils the obligations to doctors, teachers, colleagues, patients and their relatives in accordance with the Code of Conduct/Code of Honor.		+		
61	8	The master's degree programme should ensure that undergraduates are trained in ethics and responsible research.		+		
62	9	The medical organization of education should determine the methods of teaching and learning used, corresponding to the educational program and the achievement of students' competencies.		+		
63	10	The Master's programme should be structured with a clear time limit equivalent to 1-2 full-time years and contain: <ul style="list-style-type: none"> - theoretical training, including the study of cycles of basic and profile disciplines; - practical training of undergraduates - various types of practices, professional internships; - research work, including the implementation of a master's thesis for scientific and pedagogical master's degree; - experimental and research work, including the implementation of a master's thesis for a specialized master's degree; - methodological approaches and principles of education corresponding to the educational program and achievement of students' competencies 		+		
64	11	The medical organization of education should provide mechanisms for the implementation of pedagogical practice (in accordance with	Criterion not applicable to OP			

		the type of master's degree) for the formation of practical skills and teaching methods for undergraduates.				
65	12	The medical organization of education should provide mechanisms for the implementation of research practice for the formation of knowledge, skills, competencies in the field of the latest theoretical, methodological and technological achievements of domestic and foreign science, modern methods of scientific research, processing and interpretation of experimental data.		+		
66	13	The medical organization of education should provide mechanisms for the implementation of production practice for the formation of master's students on the basis of theoretical knowledge of practical skills, competencies and experience of professional activity in the specialty being studied, as well as the acquisition of best practices		+		
67	14	The medical organization of education must ensure that future undergraduates will have the opportunity to study under the academic mobility program, have mechanisms/procedures for admission of students from other universities, recognition of credits mastered under the academic mobility program			+	
68	15	An appeal mechanism should be developed in the medical organization of education to enable graduate students to review the decision concerning their programmes and the evaluation of their dissertations.		+		
		Evaluation of the Master's programme				
69	16	A health education organization should have a program to monitor processes and outcomes, including routine data collection on key aspects of the education program. The purpose of monitoring is to ensure the quality of the educational process, identify areas requiring interventions.		+		
70	17	The medical organization of education should , on the basis of the approved mechanisms, regularly assess the quality of the program, including feedback from scientific managers, employers and undergraduates.		+		
71	18	The medical organization of education should systematically collect, analyze and provide feedback to teachers and undergraduates, which includes information on the process and products of the educational program, including information on unfair practices or inappropriate behavior of teachers or undergraduates, based on the approved mechanisms.		+		
		The medical organization of education should ensure that the process of renewal and restructuring is carried out regularly and is aimed at:				
72	19	- Adaptation of the curriculum model and methodological approaches in teaching to ensure that they are appropriate and appropriate;		+		
73	20	- Adjustment of programme elements and their interrelationship in accordance with advances in medical sciences, with changes in the demographic situation and the health/morbidity structure of the population and socio-economic and cultural conditions.		+		
		Involvement of stakeholders				
74	21	The medical organization of education should involve the teaching staff and undergraduates, its administration and management in its monitoring program and measures to evaluate the educational program.		+		
75	22	The medical organization of education should involve other stakeholders in the evaluation process, including representatives of academic and administrative staff, representatives of the public, authorized bodies for education and health care, professional organizations, and develop mechanisms to encourage the participation of external experts in the evaluation of the educational program.		+		
76	23	The medical organization of education should provide access to the results of the evaluation of the educational program to all interested parties.		+		
77	24	The medical organization of education should ensure that the process of renewal and restructuring leads to an improvement in the process of monitoring and evaluating the program in accordance with changes in learning outcomes and teaching and learning methods.		+		
		Total 1 criterion is not applicable to OP	0	22	1	0

		SCIENTIFIC GUIDANCE STANDARD			
78	1	The medical organization of education should designate each master's student a supervisor and, where appropriate, a co-supervisor to cover all aspects of the programme.		+	
79	2	The medical organization of education should have mechanisms/procedures governing the process of discussion and approval of the candidacy of the scientific supervisor and the subject of the study of the undergraduate student in accordance with the standard requirements and the SRS.		+	
80	3	The medical organization of education must ensure that the candidacies of scientific leaders will be selected from specialists who have an academic degree and are actively engaged in scientific research in the field of science in the specialty of training a graduate student.		+	
81	4	The medical organization of education should have clearly defined duties and responsibilities of the scientific supervisor.		+	
82	5	Academic supervisors should consult regularly with their graduate students.		+	
83	6	The Master's student must be trained on the basis of an approved individual work plan, which is drawn up under the guidance of the supervisor, which must be reflected in the approved reports for each half-year heard at the meeting of the department (s)		+	
		Total:	0	6	0 0
		Standard "THESIS"			
84	1	The topic of the dissertation and the supervisor of the master's degree must be approved after enrolling in a master's degree program.		+	
85	2	The topic of the dissertation work should be evaluated and approved by a group of independent experts (examiners) through an external assessment of the written description or on the basis of the presentation of the research work.		+	
86	3	The master's program should end with the preparation and defense of a master's thesis, which is an indicator of the formation of the master's competencies in accordance with the educational program.		+	
87	4	Research work in the scientific and pedagogical master's degree must: <ul style="list-style-type: none"> - correspond to the main problems of the specialty in which the Master's Thesis is being defended; - be relevant, contain scientific novelty and practical significance; - be based on modern theoretical, methodological and technological achievements of science and practice; - be carried out using modern methods of scientific research; - contain research (methodological, practical) sections on the main protected provisions; - be based on the advanced international experience in the relevant field of knowledge. 		+	
88	5	Experimental and research work in the specialized master's degree program should: <ul style="list-style-type: none"> - correspond to the main problems of the specialty in which the Master's Thesis is being defended; - be based on modern achievements of science, technology and production and contain specific practical recommendations, independent solutions to managerial tasks; - be carried out with the use of advanced information technologies; - contain experimental and research (methodological, practical) sections on the main protected provisions 		+	
89	6	The medical organization of education should determine the period of preparation of the dissertation, limited to 1-2 years.		+	
90	7	The dissertation must be written by the master's student independently, contain a set of scientific results and provisions put forward by the author for public defense.		+	
91	8	The structure of the dissertation should include a literature review related to the research topic, the goals and objectives of the research work, the research methodology, the results, the discussion, the conclusion, the conclusions and the further prospects of the research.		+	

92	9	The results of the dissertation work should be available to interested parties (undergraduates, academic supervisors, employees of the organization where the dissertation was carried out, researchers performing scientific work in a similar direction, and other categories of interested persons), i.e. published, unless copyright or other reasons do not prevent this.		+		
93	10	The dissertation should be accompanied by at least one publication and/or one speech at a scientific and practical conference.		+		
94	11	The medical organization of education must ensure the discussion of the master's thesis at the meeting of the department (s) where the thesis was performed.		+		
Total:			0	11	0	0
Standard "EVALUATION OF DISSERTATION WORKS"						
95	1	The medical organization of education must define, approve and publish the principles, methods and practices used to evaluate undergraduates, including the criteria for evaluating scientific work.		+		
96	2	The final assessment and approval of the dissertation work should be carried out by the State Attestation Commission (SAC) for the protection of master's theses.		+		
97	3	The defense of the thesis should be carried out in the university where the master's student is studying.		+		
98	4	The thesis must be reviewed (external) in a similar medical organization of education by a person with a PhD or PhD degree in the profile of the defended thesis.		+		
99	5	The defense of the thesis should include both the preparation of a written version of the report and subsequent oral defense.		+		
100	6	The thesis defense must be open to the public.		+		
101	7	The academic master's degree must be awarded by the medical organization of education on the basis of the decision of the SAC, which evaluates the thesis (standard "Thesis") and oral defense.		+		
Total:			0	7	0	0
Standard "MANAGEMENT and ADMINISTRATION"						
Operating the program						
102	1	The management of the medical organization of education should be effective and ensure the improvement of the educational program.			+	
103	2	The medical organization of education must determine the structural unit responsible for the implementation of educational programs of postgraduate education and the achievement of final learning outcomes.		+		
104	3	The structural unit responsible for the implementation of educational programs of postgraduate education should have the authority to plan and implement the educational program, including the allocation of allocated resources for the planning and implementation of teaching and learning methods, evaluation of undergraduates, evaluation of the educational program and courses of study.		+		
105	4	The medical organization of education must guarantee the interaction of undergraduates with the leadership on the design, management and evaluation of master's programs.		+		
106	5	The medical organization of education should encourage and facilitate the involvement of master's students in the development of educational programs for the training of master's students.		+		
107	6	The structural unit responsible for the implementation of educational programs of postgraduate education should ensure the transparency of the management system and decisions that are published in the bulletins, posted on the website of the university, included in the protocols for review and implementation.		+		
108	7	The medical organization of education should plan and implement innovations in the educational program through the structural unit responsible for the implementation of educational programs of postgraduate education.			+	
109	8	The medical organization of education should include representatives from other relevant stakeholders in the advisory body responsible for the implementation of educational programs of postgraduate education, including other participants in the educational process, representatives from clinical and production bases, graduates of medical organizations of education, health/pharmacy specialists involved in the training process or other teachers of university faculties.		+		

110	9	The medical organization of education should ensure that the structural unit responsible for the implementation of educational programs of postgraduate education: - takes into account the peculiarities of the conditions in which graduates will work and, accordingly, modify the educational program; - considers the modification of the educational program on the basis of feedback from the public and society as a whole.		+		
111	10	The medical organization of education should ensure that the process of renewal and restructuring leads to the improvement of the organizational structure and principles of management of the master's program to ensure effective performance and (in the long term) to meet the interests of various groups of stakeholders in the changing circumstances and needs.		+		
		ACADEMIC LEADERSHIP				
112	11	The medical organization of education should clearly define the responsibility of academic management in relation to the development and management of the educational program.		+		
113	12	The medical education organization should periodically evaluate the academic leadership regarding the achievement of its mission and learning outcomes.		+		
		8.3 BUDGET FOR TRAINING AND RESOURCE				
114	13	The medical organization of education shall : - have a clear set of responsibilities and powers to provide the educational program with resources, including a dedicated budget for training; - Allocate resources necessary for the implementation of the educational program and allocate educational resources in accordance with their needs.		+		
115	14	The system of financing the medical organization of education should be based on the principles of efficiency, effectiveness, priority, transparency, responsibility, delineation and independence of all levels of budgets.		+		
116	15	Financial and administrative policies should be aimed at improving the quality of the educational programme.		+		
		Administrative Staff and Management				
117	16	The medical organization of education must have an appropriate administrative and academic staff, including their number and composition in accordance with the qualifications, in order to: - ensure the introduction of the educational program and relevant activities; - Guarantee proper management and allocation of resources.		+		
118	17	The medical education organization should develop and implement an internal management quality assurance program, including consideration of needs for improvement, and conduct a regular management review and analysis.		+		
119	18	The medical organization of education must ensure the implementation of the master's program in accordance with the quality management system certified by independent organizations.		+		
		Engagement with the health sector				
120	19	A health education organization should have a constructive engagement with the health sector, related health sectors, society and government, including information sharing, cooperation and initiatives of the organization, which contributes to the provision of qualified professionals in accordance with the needs of society.		+		
121	20	The medical organization of education should provide an operational link between the educational program and the subsequent stages of professional training.		+		
122	21	The health education organization should formalize cooperation with partners in the health sector, which includes formal agreements defining the content and modalities of cooperation and/or the conclusion of a joint contract and the establishment of a coordination committee, and joint activities.		+		
		Total:	0	19	2	0
		CONSTANT IMPROVEMENT Standard				
		The medical organization of education should , as a dynamic and socially responsible institution:				

123	1	initiate procedures for regular review and revision of content, deliverables/competencies, evaluation and training environment, structure and function, document and address deficiencies;		+		
124	2	allocate resources for continuous improvement.		+		
		The medical organization of education should :				
125	3	base the updating process on prospective studies and analyses and on the results of own study, assessment and literature on medical postgraduate education;		+		
126	4	ensure that the renewal and restructuring process results in a review of its policies and practices in line with past experience, current activities and prospects.		+		
		The medical organization of education in the process of renewal/continuous improvement should pay attention to:				
127	5	adaptation of the mission and final results of postgraduate medical education to the scientific, socio-economic and cultural development of society for the future;		+		
128	6	modification of the intended outcomes of postgraduate studies in the selected healthcare area in accordance with the documented needs of the environment. Changes may include the adjustment of the structure and content of the educational program, the principles of active learning. The adjustment will ensure, along with the elimination of outdated, the acquisition of new relevant knowledge, concepts, methods and concepts based on new advances in basic biomedical, clinical, behavioural and social sciences, taking into account changes in the demographic situation and the structure of the population on issues of public health, as well as changes in socio-economic and cultural conditions;		+		
129	7	development of assessment principles, methods of conducting and number of examinations in accordance with changes in the final learning outcomes and methods of teaching and learning;		+		
130	8	adapting the policy of recruitment and selection of students to the master's degree taking into account changing expectations and circumstances, the need for human resources, changes in the system of postgraduate education and the needs of the educational program;		+		
131	9	adapting recruitment and academic staffing policies to changing needs;		+		
132	10	improved monitoring and evaluation of the educational program.		+		
133	11	Improved organizational structure and management principles to ensure effective performance in changing circumstances and needs and, ultimately, to serve the interests of different stakeholder groups.			+	
		Total:	0	10	1	0
		Total: 4 criteria not applicable to OP	0	116	13	0