



«АККРЕДИТТЕУ ЖӘНЕ РЕЙТИНГТІҢ
ТӘУЕЛСІЗ АГЕНТТІГІ» КЕМ

НУ «НЕЗАВИСИМОЕ АГЕНТСТВО
АККРЕДИТАЦИИ И РЕЙТИНГА»

INDEPENDENT AGENCY FOR
ACCREDITATION AND RATING

Report

on the results of External Expert Panel's evaluation of Educational Program on Specialty Medical and Preventive care 7M10106 (profile study) in compliance with Initial Specialized Accreditation Standards Non Commercial Joint Stock Company "West Kazakhstan Marat Ospanov Medical Uni-versity"
26-28 April, 2022

INDEPENDENT AGENCY FOR ACCREDITATION AND RATING
External Expert Panel

*Addressed
to the IAAR Accreditation Council*



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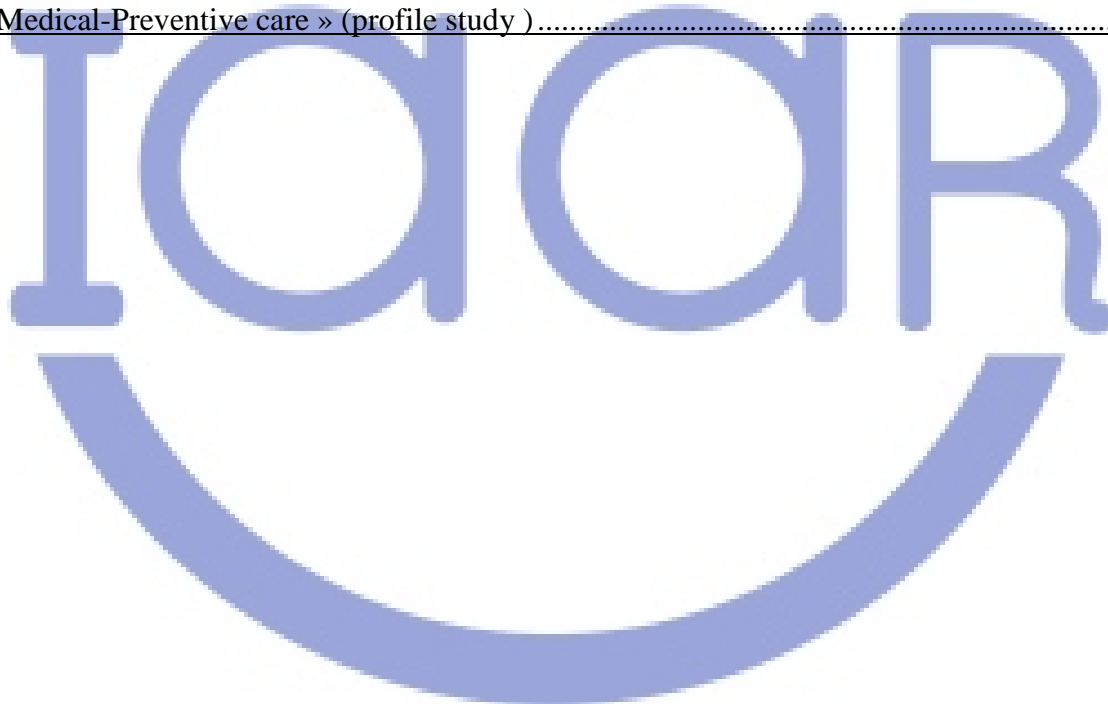
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(1) ABBREVISIONS AND SYMBOLS

ARDH- Aktobe Regional Department of Healthcare
 AIS - automated information system
 AC - Academic Council
 AK – Academic Committee
 BD - basic disciplines
 IDC-intra department control
 EEC – external expert commission
 HTMS - high-tech medical services
 HEI - higher educational institution
 GVFMFC - Guaranteed volume of free medical care
 SCES- state compulsory education standards
 MP–municipal polyclinic
 ДАВ – Department for academic work
 SPED – state program for education development
 WKMU - West Kazakhstan Medical University
 S – stakeholders
 FSA - final state attestation
 IPPD- individual plan for professional development
 CDC - Consultative and Diagnostic Center
 MI- Measuring instruments
 MC - midterm control
 MPI- medical and preventive institution
 MH RK - Ministry of Healthcare of the Republic of Kazakhstan
 MES - Ministry of Education and Science
 MEP - modular educational program
 RW - research work
 NTP – scientific technical program
 CPD- continuous professional development
 NFQ- national framework of qualification
 SPC – scientific practical center
 IC - individual curriculum
 CHI - Compulsory health insurance
 EP – education program
 OR - office registrar
 RDH – Regional department of healthcare
 PMSA- primary medical sanitary aid
 TS - teaching staff
 PD – profile disciplines
 PRO - procedure
 RK - Republic of Kazakhstan
 WC- working curriculum
 Media – media
 QMS - quality management system
 SED - electronic document management system
 SC - Scientific Council
 CPS - center for practical skills
 CBL-Case-Based Learning
 PBL - Problem-Based Learning
 TBL - Team-Based Learning
 ELS- electronic library system

(II) INTRODUCTION

According to order No 32-22-OD as of 10.02.2022 by IAAR between 26 - 28 April, 2022 External Expert Panel evaluated Educational Program on Specialty Medical and Preventive care 7M10106 for compliance with specialized accreditation standards of Basic Medical and Pharmaceutical Education based on WFME/AMSE Standards dated on May 25,2018 No №68-18/1-OD implemented at West Kazakhstan Medical University named after Marat Ospanov

The report of the external expert panel (EEP) contains a brief assessment of the compliance of the activities of the educational organization in the context of the international standards of IAAR , recommendations of EEP for improving quality assurance of educational programme 7M10106 – Medical –preventive care (profile study).

External Expert Panel Members:

The IAAR Expert, the Chairman of EEP– Tagaduke Olga Konstantinovna, Doctor of Medical Science., State University of Medicine and Pharmacy named after Nicolay Testimitcanu (Moldova, Kishinyev); virtual participation

The IAAR Expert – Zacreviskiy Victor Veniaminovitch Закревский Виктор Вениаминович, д.м.н., ГБОУ ВПО «North-Western State Medical University named after I.I. Mechnikov (Russian Federation, . St. Petersburg) virtual participation;

The IAAR Expert – Kluyev Dmitrii Anatolevitch, Candidate of Medical Science., NC JSC «Karaganda Medical University (Kazakhstan, Karaganda);

The IAAR Expert, employer – Nugmanov Amandyk Bektursynovitch, Ltd TOO" Mediker Ilek" (Aktobe);

The IAAR Expert, student – Kairullova Madina Argynovna, Master's student , NC JSC «Astana Medical University » (Kazakhstan , Nur-Sultan) virtual participation;

The IAAR Coordinator –Jakenova Alisa Satbekovna, Candidate of Medical Science., Head of Medical Projects Agency (Kazakhstan, Nur-Sultan).

(III) PRESENTATION OF THE EDUCATIONAL ORGANIZATION

West Kazakhstan Marat Ospanov Medical University is a large educational, medical, research, diagnostic and cultural center in the west region of the Republic of Kazakhstan.

The University was founded in 1957 as State Medical Institute in Aktobe. In 1997 the Institute was transformed into Aktobe State Medical Academy and in 2000 it was given the name West Kazakhstan State Medical Academy named after Marat Ospanov and in 2009 changed its name into the Republican State Enterprise "West-Kazakhstan State University"», in 2012 it was the Republican state enterprise on the right of economic management "WKMO SMU" with the supervisory board of the Ministry of Healthcare and Social Development of the Republic of Kazakhstan, in 2019. The University was transformed into NJSC "West Kazakhstan Marat Ospanov Medical University".

Currently, the University implements 5 educational programs in Bachelor's degree, 5 specialties of both scientific pedagogic and profile study in Master's Degree at the government expense, 22 specialties in residency, and 2 specialties in PhD study, advanced training of doctors in 29 specialties, retraining of doctors in 1 specialty, advanced training of doctors - in 5 specialties

Training practical health care specialists is delivered through additional formal (advanced training courses) and informal educational programmes.

Challenges in modern society and in the sphere of education have defined the necessity of systemic approach to manage multifunctional educational and scientific clinical institution as our University. The University's management structure is annually reconsidered and in case of necessity reorganization measures are taken. Creating a net of structural divisions allows to provide educational and scientific process to be organized qualitatively thereby maintaining operative management of the institution in whole.

Besides it, the exclusive competence of the Board of Directors includes approving the organizational structure, its branches and representative offices and University staffing in line with the Paragraph 64 (subparagraph 17) of the University Charter approved by the Chairman of State Property and Privatization Committee, Ministry of Finance of the Republic of Kazakhstan, order No 161 dated February 7, 2019.

The University structure was approved by the Council of Directors on September 24, 2021, Minute No 8

JSC WKMU has an office in Atyrau where Residency Programs in clinical specialties and additional educational services (advanced training courses, workshops)are offered to medical workers as well as for trainers.

Teaching faculty for 2021-2022 is 599 people in total, (82.8%). 467 of them are tenured professors and 132 people are at part time.

In addition, one of the key indicators of the University's cadres policy is the teaching staff status (rank/full/part time) appropriate to support the educational programmes. At present 196 professors have scientific degrees, 29 of them are Doctors of Medical Science(MD,) 151 instructors are Candidates of Medical Science and 20 people have PhD degrees.

Analyses on the quality and quantity of academic staff of the University demonstrate the readiness of teaching staff to organize and carry out educational process and there is full supply for training specialists at all faculties.

The University has license for delivering medical activities. Effective cooperation of the University's clinics with practical health sector in providing the population with highly specialized medical services is of great importance in further development.

WKMU named after Marat Ospanov has its own 3 clinics which provides the population with highly specialized medical services in the field of cardiology, cardiosurgery, oncology and surgery.

In line with Provision on credit technology system of education approved by the MES of RK,+ the University has been implementing academic mobility program for teaching staff (P WKMU 18-05 Regulations " on sending teaching staff and employees of WKMU abroad under the program of academic mobility"; PRO WKMU 608-2020 "Research work of teaching staff").

The University has concluded Memorandums of cooperation in the field of education, health care and science with medical universities of the Russian Federation and overseas countries.

The University is cooperating with home partners on the basis of 30 Memorandums of Understanding , and there are 23 Memorandums concluded between the University and partners from Russian and 46 Memorandums with overseas institutions. In total 99 MoU have been concluded in the field of education.

The University's activities are guided by the Constitution of the Republic of Kazakhstan, the Legislation of the Republic of Kazakhstan, the University Charter as well as the Corporate Governance Code.

Brief description of Social- cultural bases

WKMU has all necessary facilities and conditions for students' development and education:

- Volunteers Club «Meiiry»;
- Chorus named after Alina Gyzatullina ;
- Dancing group «ЖасStar»;
- Folk music band «Serper»;
- Sport club «Sunkar»;
- The girl talk Club «Syr and Symbat »;
- Debate Club «Zhalyn»;
- Student Self-management;
- 22 sport sections : table tennis, mini football , volleyball , basketball, chess, Kazakh wrestling, toguzkumalak, arm-wrestling, taekwondo, cheerleading etc.;
- MedArT Youth Theatre;
- Scientific Medical Library;
- Public catering networks;
- 5 dormitories;
- Medical service.

Brief description of Students Support Services

The following services function at the University:

1. University website, Rector's blog, helplines;
2. The Department of socio-psychological support provides students with socio-psychological aid and opportunity to receive confidential psychological consultations.

All information about the client are kept strictly confidential in accordance with the Psychologist's Code of Ethics

3. At all academic hubs and dormitories Boxes of Trust are hanged to enable each student, staff and a patient put written appeals into it. At "ZKMU-help" chat students and staff can ask questions, share ideas and post complaints in open or anonymously. Student channels have been created on:
 - Youtube Ospanov Zhastary https://www.youtube.com/channel/UCI_rvJXIEC-SMXt1yPwCw2w?view_as=subscriber;
 - Telegram channel Ospanov zhastary https://t.me/ospanov_zhastary;
 - Telegram bot @zkmuhelp_bot;
 - Instagram accaunt https://www.instagram.com/ospanov_zhastary/;
 - WhatsApp chat of Student Parliament.
4. The Students' Union;
5. Student Parliament;
6. Students Research Society;
7. Y-PEER Center;
8. financial assistance provided by the Council of the region, nominal scholarships, transfer of high-performing students to free charged education, 25-50% discount on tuition fees, financial support for orphaned students);
9. a representative of student community in Scientific Council, Academic Council, and Academic Committees Information System Platonus

Training Students on Educational Programme in Medical –Preventive care Specialty 7M10106 (profile study) is achieved in accordance with Legislation of the RK , Strategic Plan of Development and the University mission.

(IV) DESCRIPTION OF EEP SITE VISIT

The work of EEP was carried out between the 26-28 April, 2022 (Annex1)on the basis of the agreed programme. The Chairman of EEP and two experts took virtual participation in the meetings and the IAAR Observer and 2 experts had face-to-face meeting.

To coordinate the work of external evaluation group on the 25th April the preliminary meeting was held, during which the EEP members had their responsibilities allocated by the Chair, discussed key issues and matters and chose the methods of expertize.

To gain objective information on the quality of activities at the University , the EEP used such methods as observation, interviewing and conducting questionnaire survey among staff, teaching fellows, students and employers.

The meetings of EEP with target groups were held in accordance with the EEP visit programme. The University created conditions so that all people indicated in the visit programme could take participation in the meetings.

In accordance IAAR standard, the EEP had meetings with Rector, Vice-Rector, Department heads, deans, professors, students , and employers to get objective information about the quality of educational programmes and the University infrastructure and to clarify the content of

a self-evaluation report. In total 33 people took participation in meetings on evaluation processes of educational programme in Medical-preventive care Specialty 7M10106. (Table 1)

Table 1 – information on academic and administrative staff as well as students participating in EEP meetings

Participants/ quantity								
University management		Heads of Divisions	Deans	Faculty members	Heads of Educational programs and departments	Learners	Employers	Graduates
Rector	Vice-Rector							
1	2	12	-	9	4	2	3	-

In accordance with the site visit programme of EEP, virtual and on-site excursions were held that provide experts with opportunity to get acquainted with work of the Center for Practical Skills, Morphology Laboratory of Histology Department, Anatomical Museum, Library and Research Center. Online Questionnaire survey were conducted both among faculty members and learners in line with accreditation procedures. Survey results are given in below (Appendix 3, Appendix 4).

The results of the questionnaire survey conducted among 12 faculty members, 83,3% of whom had been working at the University for more than 5 years (2 from Biomedicine Faculty, 10 instructors are from Medical-Preventive care Faculty) demonstrated that 100% of respondents had been satisfied with the content of the educational programme. 91,7% respondents evaluated the terms created by the University for teaching staff both in advancing qualification and career pursuing opportunities as well as very good and good. 91,7 % respondents also gave positive answers regarding the question on how well instructors could use their own strategies, methods and innovative learning technologies in practice. 50 % of respondents pointed out that they sometimes face with difficulties in finding necessary literature in the library. 83,4% respondents find difficult to combine teaching and research activities in parallel. 83,4% percentage of teaching fellows think that the University management adequately refers to critics. 100% respondents showed that they are satisfied in regards with both the support by the management and development of educational programs, research activities of teaching staff and motivation approaches as well. The question on how well the content and quality of educational programmes meet both market and employers' expectations displayed that 25% think that very good, 58,3% - of respondents believe it is good and only 16,7% consider it poor.

Relationship between department head and colleagues in taking decisions , achieving success and admitting achievements is partly satisfied.

In whole all questions were answered positively and respondents believe that the University is developing with great potentials to grow.

At meeting with master's students, two students taking courses in the Specialty 7M10106 – Medical-Preventive care (profile study), Zhybanyaz G.M. and Mukhanbet G. B. expressed satisfaction regarding the content of education and research work. Scientific supervisors suggest the theme of the research and will control its fulfillment. These two students then participated in questionnaire survey. The results showed that both students were satisfied with the attitude and treat on the part of management, prompt feedback by teachers on academic matters, accessibility of consulting meetings on academic questions, teaching materials , teaching methods, fair evaluation, library resource, service quality, campus environment, laboratory facilities.

Recommendations developed by the EEP on improving the University activities based on the analyses were presented at the meeting with the University management and Department heads on 28 April , 2022.

(V) DESCRIPTION OF PREVIOUS ACCREDITATION PROCEDURE

Educational Programme in Specialty 7M10106 – Medical-Preventive care (profile study) is being accredited by IAAR for the first time.

(VI) COMPLIANCE FOR SPECIALIZED ACCREDITATION STANDARDS

Standard 5.1. Mission and Learning Outcomes

Evidence part

The mission of WKMU is training highly qualified medical cadres who are in-demand both in the country and at international labour market (<https://zkmu.kz/missiya-i-videnie/>). The mission has been developed and was approved at the Academic Council and was included in the University's Development Program for 2019-2023 (Minute No 6 dated 18th February 2021 .), (https://zkmu.kz/docs/Korparativnoe%20doc/prog_razvit_2019-2023.ru.pdf).

The Mission of Master's Degree Educational Programme, Specialty 7M10106 « Medical and Preventive care» (profile track) is achievement of highly qualified specialists with good command of management skills and abilities to solve problems in the areas of enhancing sanitary epidemiologic well –being and population health. (https://zkmu.kz/wp-content/uploads/2021/10/mis_dok_ru.pdf).

Policy:

- To increase the level of quality of those who are enrolled to Master's Degree Programs;
- To implement up-to –date innovative technologies into teaching process;
- To fulfil scientific research component parts of Master's Programme

Academic values and profession orientations of graduates are reflected in the mission and the purpose of the education program.

The key objectives of EP for Master's Degree, Specialty 7M10106– « Medical and Preventive care» (profile study) are :

- achievement of high quality of education through in-depth theoretical and practical training in the field of sanitary and epidemiological well-being;
- improvement of management competencies, taking into account the risk of occurrence and spread of diseases;
- training learners capable to research and manage and have good knowledge of statistic programs, as well as skills to carry out prophylactic measures on the basis of epidemiologic diagnostics.

The mission of EP undergoes several phases of approval. At the 1st stage members of Academic Committee that are instructors who train scientific pedagogical cadres, representatives of health care sector, learners articulate the mission and goals based on the advances in modern science and medical education, learners' demands and employers' expectations. After that the mission is submitted to be discussed at the Department where master's students are trained (Minute No 6 dated Apr 6, 2021). Then formulated mission are discussed and approved at the meeting of Academic Council. The final version was approved as an official document on 3 June 2021 (Minute № 9(785)). To disseminate the mission and policy of EP in Specialty 7M10106– «Medical and Preventive care» (profile track) set of measures have been developed on propaganda among academic staff, learners, publicity, health care professionals, master's students and other concerned parties. The heads of Departments inform Teachers of the mission at department meetings and master's students are informed of the mission by heads of the Postgraduate Education Department. In addition to it , the mission is also posted on the University website. Practical health care specialists are members of the University's collegial boards such as Academic Coun-

cil, Council of Faculty body, Academic Committee for Master's and Doctoral students at the meeting of which questions regarding the mission are usually discussed.

The course of study for Master's Degree, Specialty 7M10106 Medical and Preventive care is one year with 60 credits.

The Course content of Master's Degree Program covers theoretical part (basic and profile disciplines), practice at site, and final attestation. Educational Program for Master's Degree Specialty 7M10106 «Medical and Preventive care» (profile track), conducted at WKMU named after Marat Ospanov is developed on the basis of State Standard of Postgraduate Education. Academic freedom in developing EP is achieved through core component. The allocation of resources that are necessary to support EP is carried out in accordance with stages of its fulfilment

The course content, and its sequence within Master's Degree Program, Medical and Preventive care Specialty strictly meets the Education Standards and at the same time the University has the opportunity to articulate elective courses on its own way. Teaching and administrative staff have wide academic freedom in shaping and conducting educational programs. Suggestions on the content of education programs, elective courses, syllabuses and any amendments and additions are discussed at the meeting of Academic Council.

Teachers are free to choose the format of the classes, teaching methods and pedagogic assessment as well and at the same time they develop teaching materials. Teaching staff is responsible for the quality of educational programmes and control for the program is conducted by the Department for Masteral and Doctoral Studies. The Curriculum reflects logic sequence of mastered modules which provides competencies fostered in graduates.

The mission of the Master's Degree Educational Programme in Specialty 7M10106– Medical-Preventive care (profile study) developed and adopted at the University is closely connected with systemic monitoring the public health care needs in specialists and in their level of qualification. For this reason Department for Graduate Employment functions at the University to keep a close contact both with potential employers and graduates as well.

Analytical part

Analyzing the compliance of EP in the context of the international standards of IAAR it should be noted that Mission and Learning outcomes meet the standard requirements.

The mission of the University, its strategic goals and reports are posted on site <http://zkgmu.kz/ru/otdel-strategicheskogo-razvitiya-i-mezhdunarodnogo-sotrudnichestva>.

The main educational activity of the University is regulated by the normative legal documents (See Self-Evaluation Report at 6-7 pages)

To disseminate the mission and policy of EP in Specialty 7M10106– «Medical and Preventive care» (profile track) set of measures have been developed on propaganda among academic staff, learners, publicity, health care professionals, master's students and other concerned parties. The heads of Departments at department meetings inform teachers of the content of the document. Master's students get acquainted with the document by heads of the Department for Postgraduate Education. Besides it, the document is also placed on the University website.

To provide master's students with opportunities for practice site the University has entered into Agreement with 24 medical institutions from Aktobe and Sanitary-Epidemiologic Station of the West Kazakhstan as well as with an Office of national Center of Expertize

During the meetings with employers it was noted that there is a high demand for Medical-Preventive Specialty graduates in sanitary-epidemiologic services in Aktobe region.

At the same time, since the university must ensure that training in the Master's Programme in the specialty 7M10106 "Medical and preventive care" (profile study) will provide master's students with competencies that will allow them to become a qualified specialist and a researcher, it is necessary to introduce additional practical classes on the topics "Organizational -legal bases of the sanitary and epidemiological service of the Republic of Kazakhstan "(in the syllabus "Fundamentals of the methodology for assessing the risk of hygienic factors of the environment and industrial environment", implemented by the Department of Hygienic Disciplines with Oc-

cupational Diseases) and "Methods of sanitary and epidemiological control of trade enterprises, public catering, food industry "(to the syllabus "Socio-medical aspects of modern human nutrition", implemented by the Department of Hygienic Disciplines with Occupational Diseases).

It also should be noted that despite the mission of the Master's Degree Educational Programme in Specialty 7M10106– Medical-Preventive care (profile study) developed and adopted at the University is closely connected with systemic monitoring the public health care needs in specialists and in their level of qualification mentioned in the Self-Evaluation Report, the University does not make active efforts in achieving targeted quotes from government for the Master's Degree programme together with sanitary-epidemiological institutions to remove deficit in cadres.

Individual learning trajectory and elective courses in training master's students in the Specialty 7M10106 «Medical-Preventive care» is defined depending on the Department chosen. Material resources available at the University are used efficiently to achieve the mission and goals set. The members of EEP noted that the University pays great attention to building respectful attitude at the university community.

Strengths / Best practice

There are not any strengths on this standard

Recommendations by EEP

The Managers responsible for the development of Educational Programmes should identify and include that direction of training which provides for additional competencies necessary to carry out sanitary-epidemiologic service in EP for Specialty Medical Preventive care. Deadline is by the beginning of academic year in 2002-2023.

The Management of University together with the management of sanitary-epidemiologic service institutions should try to get targeted quotes from state to train specialists in Master's Degree for the Specialty Medical-Preventive care. Deadline is early 20023-2023.

Conclusions made by EEP on criteria: strengths– 0, satisfactory – 12, should be improved – 2, unsatisfactory– 0.

Standard 5.2 Scientific research environment and educational resources

Evidences Research activities of the University is regulated by Law "on Education" No 319-III от 27.07.2007. (29.06.2020.), «On Science» No 407-IV dated 18.02.2011. (with amendments and additions dated 18.03.2019.), national Health care Development Programme of the RK for 2020-2025 No982 dated 26.12.2019., approved by Указом of President ,RK Президента РК, Code of the RK on «Population Health and Health care system» No 360-VI as of 07.07.2020.

Research topics of master's students are a part of Department's research projects <https://zkmu.kz/temy-dissertacij-obuchayushhixsya-po-programmam-magistratury/>.

The University has a Clinical Laboratory, Pathoanatomical Department of the Medical Center, Scientific and Practical Center, and Morphological laboratory that enable to implement research projects. The main goal of Scientific and Practical Center is to organize and conduct research in cooperation with the University Departments on biomedical problems by assisting undergraduates, teaching staff in conducting scientific research.

The results of research work are documented as scientific articles, patents, authorship (<https://zkmu.kz/virtualnaya-vystavka-trudov-avtorov-sotrudnikov/>). The amount of articles in international journals indexed in Web of Knowledge, Scopus, Springer is 40 for 2017; in 2018 this number increased up to 50, in 2019 if the number of articles was 53, in 2020 – 68, and in 2021 – 66. Teachers and staff of the university participate in international and republican conferences and seminars in the country, the CIS and far abroad, as evidenced by the increase in the number of publications. (<https://zkmu.kz/publikacii-zkmu-v-bd-web-of-science-i-scopus/>).

(<https://zkmu.kz/publikacii-zkmu-v-bd-web-of-science-i-scopus/>). Undergraduates have the opportunity to be co-executors of university-funded research projects.

Based on the research results, undergraduates submit scientific articles to journals recommended by the Committee for Control in Education and Science in accordance with the requirements in, as well as in peer-reviewed scientific journals included in the Web of Knowledge, Scopus, Russian Citation Index databases, etc. Master students actively participate in the work of university, republican and international conferences.

The list of scientific research work has been posted on the website (<https://zkmu.kz/perechen-nauchnyx-proektov/>).

The citation rate of the University scientists is increasing annually that is seen in Web of Science/Scopus 2017 – 103, 2018 - 166, 2019 – 203, 2020 – 220, in 2021 – 305.

At present the University work with many overseas educational organizations, research centers and of post Soviet countries as well on the basis of Memorandums of Understanding

For the last 3 years the University has been implementing visiting professors programme: 14 Professors from Russia, 12 professors from European countries (Poland, Lithuania, Italy), 2 from South Korea and 2 professors from the USA took participation in the education process.

Master's students study moral in medical practice , ethics and responsible behavior in research within the course Biomedicine.

The University has all facilities necessary to get license for educational programmes (table. 2). : 5study hubs, scientific research center, center for Practical Skills, 3 clinics (Medical Center, Family Medicine Clinics, Stomatology Clinics), and 5 dormitories. Material technical base of the University is constantly renewed. The University is equipped enough to carry out molecular-biologic , molecular genetic, morphologic and biochemic research. Information on Laboratory equipment is here <https://zkmu.kz/materialno-texnicheskaya-baza/>.

The classrooms have laptops, computers connected to Internet which enables you to enter the automated information system Platonus. <https://platonus.zkmu.kz/>. The "Platonus" system creates access to electronic journals where you can see learning achievements of students, announcement board of the university, correspondence with the dean's office.

Table 2 – a brief description of the University facilities

Buildings	Total area sqm	Usable area sqm	Classroom Site fund sqm	Laboratory Fund , sqm.	Administrative Offices Sqm
Main Building	10416,6	5631,0	3626,4	2897	3893,2
Teaching Block 1	6789,4	3787,9	3001,5	190	
Teaching Block 2	6845,2	4328,8	3564	196,7	
Morphologic Building	2854,3	1814,7	1330,71	216,9	
Military Sport Block	2949,4	2179,9	1836,2	345	
Research Center	554,30	502	-	45	
Stomatologic clinics	956,63	764,63	591	158,3	
Medical Center	22648	17785	6392,5	158,3	
Family Medicine Clinic	3193	2300	-	-	
Total	57206,83	39093	20342	4207	3893

ZKMU has general access to all educational resources through an electronic management system. All buildings have free access to the Internet. Since 2020, AIS "Platonus" has been functioning at the university. The system contains a centralized database that allows university staff

to automate their educational and methodological work, and undergraduates to receive the necessary information on the educational process (both the learning process and assessment).

Table. 3. A brief description of information resources

Years	The quantity of Computers	amount of computers which has been used more than 5 years	The quantity of students per a computer	The quantity of computers connected to internet
2017-2018	1037	710	1/1	611
2018-2019	1165	680	1/1	732
2019-2020	1265	530	1/1	945
2020-2021	1320	330	1/1	1108

Analytical Part

Based on the results of submitted information and site visit to the University centers and labs as well it should be stated that the University has a good material and technical base to fulfil research and master's research work. At the same time, conditions created for undergraduates so that they could conduct independent research.

The library contains all materials necessary for training - educational, scientific and reference literature, medical periodicals, etc. (Table 4). Library is provided with modern special equipments, uses barcoding. All processes including lending and booking documents from Sechenov Scientific Medical Library have been automatized. Library users can make requests by using "Virtual Bibliographer" service. An electronic library card has been introduced.

University teachers, being scientific and pedagogical workers, are engaged in research, and use up-to-date technologies in their teaching activity. Scientific work is an integral part of the teaching activities for the staff and a necessary condition for the training of university specialists. Participation in research work is also the most important factor in improving the qualifications of university faculty members. The University assists in the development of research skills.

Problem Committee (order No. 13/2-18-58a N/K dated 10/16/2020), the Council of Young Scientists, the Department for scientific work have been functioning at the University to provide undergraduates with comprehensive assistance and to coordinate the research activities of both faculty members and undergraduates.

The Academic Council of the University approves the topics of master's theses that first undergo an ethical expertise in accordance with international ethical standards in the Local Bioethics Commission (LKB) (<https://zkmu.kz/lokalnaya-komissiya-po-bioetike/>), created at WKMU (order of the Chairman of the Board-Rector No. 13 / 2-18-185 N / K dated 04/01/2021. https://zkmu.kz/wp-content/uploads/2021/10/prikaz_lek-ru.pdf).

Analysis of the submitted information and a meeting with undergraduates, during which the members of EEP asked about the planning and implementation of master's theses shows that master's topics are connected to such types of professional activity as analytical and expert-consulting (workers of sanitary - epidemiological service, healthcare organizations).

Indeed, the choice of research in the field of sanitary and epidemiological is the key question in appointing supervisors in the research field of master's student.

The topic, its relevance and the methods applied in solving the problems in accordance with goals set are discussed at the meetings of the department and the scientific problem committee in the participation of the supervisor and approved by the Chairman of the Board-Rector of the University. After the theoretical part of the Master's Degree Programme has been

completed, a master's student together with his/her supervisor identify where experimental research will take place.

At the same time, when completing master's theses, situations may arise related to the change of supervisor or the topic of scientific research, lack of consumables, etc. In such cases, there is no risk management system

It should be noted that the institutions of the sanitary and epidemiological service are only involved in reviewing the EP in the specialty "Medical and preventive care", but do not take any participation in developing the educational programme.

Strengths / best practice

Strengths have not been revealed for this standard

Recommendations by EEP

1. The management of educational organization should develop and implement the system for managing risks (the change of supervisor or the topic of scientific research, lack of consumables, stopping access to patients etc) which arise while doing master's research. Deadline - early 2023.

2. Managers of Educational programmes should determine the list of potential partner-organizations to develop jointly educational programmes in the Specialty Medical-Preventive care Deadline – early 2024

3. The management of educational organization should implement the system of monitoring and controlling whether the learners adequately use information resources. Deadline - early 2023-2024

4. Management of Department for Master's and Doctoral Degree Studies should increase information posting activities to provide concerned parties and potential candidates for Degrees with information sufficiently on :

- the structure and staffing of the department
- detail description of Master's Degree Programmes by indicating learning outcomes
- admission and selection criteria for master's Degree
- rules for documenting master's thesis
- description of thesis defiance procedures
- description of State Committee's work for Master's Degree thesis defense

Deadline – early 2022-2023.

Conclusions made by EEP on criteria: strenghs – 0, satisfactory – 28, should be improved – 1, unsatisfactory– 0.

Table 4 – Literature fund

Year	Total	Including :			Off general quantity																Including			
					Textbooks				Scientific literature				Prose Fiction				Periodicals							
		Kazakh	Russian	Other languages	Всего	На каз.яз.	на рус.яз.	На др.яз.	Всего	на каз.яз.	на рус.яз.	на др.яз.	Всего	на каз.яз.	на рус.яз.	на др.яз.	Всего	на каз.яз.	на рус.яз.	на др.яз.	Всего	на каз.яз.	на рус.яз.	на др.яз.
2018-2019	709516	226471	465547	17498	497232	189389	290875	16968	163125	22291	140471	363	13264	5031	8229	4	35895	9760	25972	158	14704	4891	8598	1215
2019-2020	715381	230066	467117	18198	502151	192586	291907	17658	163212	22324	140515	373	13266	5033	8229	4	36752	10123	26466	163	14899	5010	8674	1215
2020-2021	597983	232692	349846	15445	413128	195725	202505	14898	157397	22449	134568	380	8872	5081	3787	4	18586	9437	8986	163	14899	5010	8674	1215
2021-2022	605935	237209	352592	16134	420353	199835	204938	15580	157788	22740	134661	387	8872	5081	3787	4	18922	9553	9206	163	14899	5010	8674	1215

Table 5 – Library activity

Single reader's ticket	Number of users (readers)			All departmental units	Attendance per year	Book order per year		Taken per year		Library Staffing
	Including		Total			Including textbooks	Total	Including textbooks		
	Doctoral students	Master's students								
5512	21	34	5512	232164	395510	324156	8155	7427	20	

Standard 5.3 Admission Policy and Criteria

Evidential part

Building student contingent is based on the number of order by state for training scientific and pedagogic cadres and tuition fee provided by different University resources and produced by learners themselves as well.

Admission procedure of the University is stated in Provision on Admission for Master's Degree Programme approved by the Council of Directors of WKMU (<https://zkmu.kz/wp-content/uploads/2021/12/Правила-приема-магистратура-русс.-яз.pdf>), and in the University's Academic Policy (<https://zkmu.kz/wp-content/uploads/2021/11/23-09.-Академ.-политика-рус.20102021.pdf>).

The University officially announces of admission for Master's Degree Programme by indicating specialties, a group of educational programmes with the list of subjects to be taken exams in by posting information on website or announcement boards of the University (https://zkmu.kz/wp-content/uploads/2021/10/info_dlya_post_v_magistr-ru.pdf) and in Platonus (<https://platonus.zkmu.kz>), in social nets as Instagram and facebook which will be made available to potential master's students and concerned parties <https://www.instagram.com/p/CMehJwvFyWl/?igshid=q90zkzzarjm7> (Self-evaluation Report p. 44).

Application to Master's Degree programme is received by Admission Committee via electronic system from June 15 till July 19 annually. Exams will be held between 1-15 August at places arranged by National Center for Testing of MES RK.

Applicants take exams which include test of Foreign Language (English, German, French), test of specialty based programme, test of readiness to study in Russian or Kazakh. [From August 25 till 11 September](#) applicants successfully taken exams submit their documents via Admission Committee or virtual governmental electronic portal www.egov.kz to get financial grants from government. To get a place at universities and study for free of charge applicants should gain higher scores at exams (Self evaluation Report p45).

Enrollment to Master's Degree Programme on paid basis will take place after the exam certificates issued by the National Center for Testing and after entering bilateral contract on charged educational services. Retaking an exam is not permitted.

To provide population with specialists the government of the RK allocates money to master's students on Specialty Medical-Preventive care 7M10106. Requirements to previous degree knowledge are stated in Admission Provision. (https://zkgmu.kz/docs/obtazovanie/magistratura/prav_priem-v-magistr-ru.pdf) and Academic Policy (<https://zkmu.kz/wp-content/uploads/2021/11/23-09.-Академ.-политика-рус.20102021.pdf>) (Self evaluation Report p47). Internal rules on Admission to Master's and Doctoral Degree programmes are considered annually due to amendments and additions into Model Rules on Admission to Post graduate education and implementation of State Standard of Compulsory Education. (Self evaluation Report p48).

Analytical part

As indicated in the evidential part, building contingent of master's students to be trained in the Master's Degree Programme (profile study) in the specialty 7M10106 "Medical and preventive care" is carried out on the basis of the received state educational order for the training of scientific and pedagogical cadres, as well as payment for education at the expense of students or from other sources by taking into account the additional opportunities of ZKMU.

At the same time, during the visit of EEP, it was established that for 2021-2022 academic year, the government did not place any order and did not allocate money for specialists to train for the sanitary and epidemiological service. For 2021-2022 academic year, only two applica-

tions were received for master's Degree in the Specialty Medical-Preventive care and both of applicants were enrolled on paid education basis by entering the contract with University for training on a paid basis.

In cases when there are not any Bachelor student completed the course in the Medical And Preventive Care at the university, the management of the University, the managers of the EP and the head of the Department for Master's and Doctoral degree studies should develop mechanisms for recruiting potential candidates to study in the specialty 7M10106 "Medico". – preventive care.

During the visit of EEP (namely , at the meeting with master's students), it was also found that research potential of master's students are not always taken into account while creating individual learning trajectory.

Strengths/ best practice

No strengths for this standard

Recommendations by EEP

1. The management of the EP and the head of the Department for Master's and Doctoral degree studies should develop mechanisms for recruiting potential candidates to apply for Master's Degree Programmes in prioritized directions

2. The management of Educational programmes should develop mechanisms for assessing master's students research potential and mechanisms of taking these results in future in creating individual learning trajectory. Deadline – early 2023-2024.

Conclusions of the EEP according to the criteria: *strong* positions – 0, satisfactory – 4, should be improved– 3, unsatisfactory– 0

Standard 5.4 Master's Degree Programme

Evidence

The main idea of training in all specialties of the Master's program is the training of managerial cadres in profile study. Table 6-8.

Characteristics of the educational program, the contingent of students and information about the graduates employment of EP, Medical-Preventive care are presented in Table. 6-8.

Table 6 – Description of educational programme

Title of EP	Duration	Start year	Specialty	Qualification awarded / Academic Degree	Language of learning
7M10106 Medical- Preventive care	1 year	State Standard of Compulsory Educa- tion 2020	«Medical- Preventive care »	Master of Health	Kazakh/ Russian

Table 7 - Educational Programme and student body

Educational Programme	Duration of the study	The year of start learning in accordance with State Standard of Compulsory Education	The number of students (international students are not included)		The number of international students	Applications registered		Participated in the competitive basis		Enrolled (the number of international students is not included)		The number of international students enrolled	Tuition fee in kzt
			State order	Agreement		Citizens of the RK	Foreign citizens	Residents of Kazakhstan	Overseas residents .	Order placed by government	Agreement		
Master's 7M10106 «Medical Preventive care » 1 year duration	2021-2022	2021r	-	2		2		2		-	2		900,000тг
In Russian			-	-	-	-	-	-	-	-	-	-	
In Kazakh			-	2	-	2	-	2	-	-	2	-	
Total													1,800,000тг

Table 8 – Information on graduates employment, Medical Preventive care Programme

Specialty	Graduated		Employed		Employment in %	Region
	Total	The number of students who studied on governmental order	Total	The number of those who studied on governmental order		
7M10106 1 year course on Medical-Preventive care	2	-	-	-		

*NOTE: the first graduation is planned to be on 1 July, 2022

On the website of the university <https://zkmu.kz/#> there is a dedicated electronic page: <https://zkmu.kz/magistratura/> dedicated to master's programs, which contains information of the department structure and staffing, responsibilities of department heads and faculty members ; <https://www.zkmu.kz/ru/otdel-magistratury-i-doktorantury> admission policy, including clear rules on the selection process; [Правила-приема-магистратура-русс.-яз.pdf \(zkmu.kz\)](#) The List Of Master's Degree Programmes; <https://zkmu.kz/obrazovatel'naya-programma-magistratura/> the content of the educational programme; <https://zkmu.kz/informaciya-obrazovatel'noj-programmy-magistratury/>, <https://zkmu.kz/obrazovatel'naya-programma-magistratura/> structure, duration and content of master's programs; <https://zkmu.kz/informaciya-obrazovatel'noj-programmy-magistratury/> criteria for the appointment of a supervisor, outlining the characteristics, duties and qualifications of a supervisor (Regulations on the Master's degree); 50-06-2021-O-PO-Master-Russian..pdf (zkmu.kz) methods used to assess undergraduates (Regulations on the master's de-

gree) [50-06-2021Г.-О-ПО-Магистратура-рус..pdf \(zkmu.kz\)](#) - rules for writing master's thesis; [50-06-2021Г.-О-ПО-Магистратура-рус..pdf \(zkmu.kz\)](#) ; description of thesis defense procedures (Provision on Master's Degree); [50-06-2021Г.-О-ПО-Магистратура-рус..pdf \(zkmu.kz\)](#) description of State Committee's work on Master's Degree thesis defense; [50-06-2021Г.-О-ПО-Магистратура-рус..pdf \(zkmu.kz\)](#); information of graduates employment for the last 3 years (scientific-pedagogical, profile).

Analytical part

During the visit, the experts analyzed EP for compliance with the requirements of the modern education market, the principles and methods of organizing educational, research processes in detail.

The content and form of the EP, decisions made by the management of the EP, are consistent with the University strategic documents and regulatory documents of the Republic of Kazakhstan. The university has its own budget and is able to raise funds from the commercial activities of the university to implement and improve teacher training within the framework of the EP.

The management of WKMU and EP involves concerned parties, particularly Regional Department of Sanitary and Epidemiological Control and the "National Center of Expertise" in the process of reviewing educational programs, which is confirmed with relevant reviews of the modular educational program of the master's program in the specialty 7M10106 - Medical and preventive care (profile direction) given by them .

The educational program content covers 7 disciplines and research work to be completed in the form of the a master's thesis.

Due to the fact that the institutions of the sanitary and epidemiological service is the future job places where undergraduates can be employed in future, students must have competencies in the control and supervision function. In this regard, it is proposed that the Syllabus for the Course "Fundamentals of Methodology for assessing the risk of hygienic factors of the environment and industrial environment", implemented by the Department of Hygienic Disciplines with Occupational Diseases should include a practical lesson on the topic "Organizational and legal framework for the activities of the Sanitary and Epidemiological Service of the Republic of Kazakhstan".

Industrial practice is not provided for undergraduates. Therefore, the Management of the EP was suggested to develop an educational program for the specialty "Medical and preventive care " which reflect the mechanisms and algorithm of conducting work practice in the institutions of the sanitary and epidemiological service.

At the meeting with master's students , Zhbaniyaz Gulzhaina Maratkyzy and Mukhanbetova Gaukhar Bauyrzhankyzy told about how master's theses are planned and implemented by presenting clearly the relevance, purpose, tasks, results obtained and conclusions of dissertations. The students also explained how the catalog of elective disciplines is formed, how they are chosen and how an individual learning trajectory is created

Strengths/ best practice

No strengths for this standard

Recommendations by EEP

1.The management of the EP should identify and include the specific teaching and learning methods necessary to the achievement of the key competencies by students in the Educational Program. The management of the EP and the management of the Department for Master's and Doctoral Degree studies should inform both teaching fellows and students about the methods used in teaching staff . The management of the educational organization should ensure the

material and technical base and training of teaching staff in applying teaching methods necessary for the implementation of the EP. The deadline - early 2024.

2. The management of the EP should develop and include in the educational program for the Specialty "Medical and preventive care", the mechanisms and algorithm for conducting internships in the institutions of the sanitary and epidemiological service, by listing the methods of teaching professional skills, types and volume of practical activities of a master's student, methods and criteria for assessing the achievements of a master's students at industrial site practice. The deadline - the end of the 2022-2023 academic year.

3. The management of the educational organization should develop and implement Provision on additional training during the vacation period in order students earn extra credits. The deadline is early 2023.

4. The management of the EP should immediately add the course "Organizational and legal framework for the activities of the sanitary and epidemiological service of the Republic of Kazakhstan" into the plan of training master's students on EP "Medical and preventive care".

Conclusions of the EEP according to the criteria: strong positions – 0, satisfactory – 18, should be improved– 3, unsatisfactory– 0, non applied - 4.

Standard 5.5 «Scientific supervision »

Evidential part

Within two months after enrollment each master's student is assigned a faculty advisor who will assist and control them in writing master's thesis. Supervisors should have scientific degrees and be active researcher in the field of master's thesis topic. Priority is given to such supervisors who has experience in research projects and has actively published in journals indexed in international databases and journals recommended by the Committee for Control in the Sphere of Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan (CCSES MES RK) at least for the last 5 years. Previous master's and doctoral theses successfully supervised by them are also taken into consideration

The procedure of approving master's thesis topics and their supervisors is carried out as outlined in Provision on Postgraduate education (master's degree) approved by the decision of the Board of WKMU. <https://zkmu.kz/wp-content/uploads/2021/12/50-06-2021%D0%93..pdf>

Master's theses, faculty advisors, and co-advisors are discussed at the meetings of Department and Committee on Research Problems before submitting to the approval by rector. (See Self evaluation report, p. 65).

The supervisor is responsible for the timely submission of the necessary documentation to the meeting of the Committee on Problem

The scientific supervisor of the master's student:

- carries out direct supervision of the scientific work of a master's students ;
- identifies the research topic and develops an individual work plan together with a master's student ;
- contributes to timely approval of the thesis topic;
- controls the fulfilment of individual work plan by students on due time ;
- ensures timely submission of reports on master's student work;
- Controls student's work done on gathering primary material;
- Contributes to keeping all thesis requirements by following the principles of academic honesty and submitting the thesis to defense on due time;
- Writes a review to master's students thesis;
- Assists a master's student in publishing research results (Self evaluation Report pp. 67-68).

To carry out independent study both students and supervisors have access to information and library resources, to international and republican databases

<http://biblio.zkgmu.kz:8087/jirbis2/index.php?lang=ru>: "Epigraph" <https://elibrary.kz/search/>, <https://mbook.kz/ru/accounts/login/>, Lawyer information system (regulatory framework), EBS Doctor Consultant www.rosmedlib.ru, Student Consultant " www.studmedlib.ru, Electronic subscription of the TsNMB them. Sechenov <http://www.emll.ru/>, "Bukap" www.books-up.ru, DB "eLibrary.ru" elibrary.ru, Platform "Web of Science" <http://apps.webofknowledge.com/>, DB EBSCO eBook Clinical Collection <http://search.ebscohost.com/>, Scientific and medical Art Image base SMART database <http://search.ebscohost.com/>, Cochrane Library database <http://search.ebscohost.com/>, Scopus database » www.scopus.com, Sciencedirect database www.sciencedirect.com (self-evaluation report p. 69).

The individual work plan of a master's student is designed by his/her supervisor and is one of the main documents regulating the work of both master's students and his/her supervisor for the period of study and is developed in accordance with the University Standard requirements on "The procedure for organizing the educational process in postgraduate education programs (Masters and doctoral studies) PRO ZKMU 731-2020" https://www.zkgmu.kz/docs/prosedmag_doc.pdf (self-evaluation report p. 70).

The pre-defense procedure is outlined in the Provision "on arrangement pre-defense approbation of dissertations for Master's and Doctoral Degrees at Problem committees", approved by the Decision of the Board of the NJSC "WKMU named after Marat Ospanov", protocol No. 8 dated 18.03.2020. https://zkgmu.kz/docs/polozh_aprobascia_rus.pdf (self-assessment report p. 70).

The conclusion on whether the dissertation will be recommended or not recommended for defense is documented in the Minute of the Committee on Problems and signed by both the Chairman, and the secretary of the meeting, and approved by the Vice-Rector for Clinical and Scientific work.

Analytical part

After having analyzed the submitted materials and meetings with students Zhubaniyaz Gulzhaina Maratkyzy and Mukhanbetova Gaukhar Bauyrzhankyzy, one can be stated that the procedures on appointing a supervisor, planning, executing, monitoring students is carried out in accordance with the documents regulating the work of a master's student and his supervisor for the period of study and while preparing a master's thesis for defense, developed at ZKMU in accordance with the requirements of the University Standard PRO ZKMU 731-2020 "Procedure for organizing the educational process for postgraduate education programs (Master and doctoral studies).

The procedure for the preliminary defense of master's theses is carried out in accordance with the "Regulations on the conduct of pre-defense (approbation) of dissertations for the degree of master and doctor of PhD on problem committees", approved by the Decision of the Board of the NJSC "WKMU named Marat Ospanov", protocol No. 8 dated March 18, 2020.

Strengths/ best practice

No strengths for this standard

Conclusions of the EEP according to the criteria: strong positions – 0, satisfactory – 6, should be improved – 1, unsatisfactory – 0.

Recommendations by EEP

No recommendations

Standard 5.6 Governance and Administration

Evidential part

WKMU has its own management system that contributes to the achievement of the mission and goals, maintains institutional efficiency and integrity, creates and promotes creative learning, research, medical work environment. The transparency of the management system is carried out through information support for the process of preparation, adoption and implementation of

the decision. Since 2020, electronic document management program “Documentolog” (<https://zkmu.documentolog.kz/>) has been introduced (self evaluation report p. 77).

The main structural subdivisions - deans, departments, centers, departments, departments, laboratories, etc. perform certain functional duties (in accordance with the Regulations) and between which there are horizontal and vertical links. The Board of Directors is the highest corporate governance body.

Educational activities of the university is managed by Academic Council, a collegial governing body members of which are the head of the DAR, chairmen of the AC of specialties, deans of faculties, and heads of departments.

The tasks of the Academic Council are: implementation and improvement of priority areas of academic work at the university; planning and discussion of educational projects, analysis of the quality of the educational process and its optimization, discussion and approval of methodological and scientific-methodical literature, manuals and other materials to be published at the University Pressing Office, discussion and approval of provisions regulating academic processes at the university.

Working groups or expert commissions comprised of members of the Council, employees of the University, employers, representatives of public organizations are created to solve operational issues, to prepare meetings, to conduct expertise (report on self-assessment p. 77).

By order of the Chairman of the Board-Rector of the University No. 13 / 2-18-655 N / K dated November 25, 2020, as subdivision of Department of Academic Work, Quality Assurance Commission which makes decisions on the content and conditions for the implementation of educational programs, on the assessment policy and others academic issues was established .

Informing concerned persons and related structures of the Academic Council’s decisions take place at department meetings. The Minutes of meetings are posted monthly on the website (<https://zkgmu.kz/ru/universitet/uchenyj-sovet>) and communicated to each employee by sending mailing. The Academic Council monthly publishes decision information list.

Students receive information via AIS "Platonus", whatsapp chats and social networks Telegram channel Ospanov zhastary, Telegram bot @zkmuhelp_bot, https://www.instagram.com/ospanov_zhastary/ and a working chat in the Student Parliament.

Written appeals concerning the issues of the academic activities of the university are registered in the office. In addition, on the university website on the rector's blog (<https://zkgmu.kz/ru/blog-rektora/soobshcheniya>) there is an opportunity to contact and receive an answer and explanatory information (self-assessment report p.).

Financing Master’s Degree Programme is carried out at the expense of the reduced contingent at the cost approved in accordance with the Decree of the Government of the Republic of Kazakhstan: education at the expense of approved by the Decree of the Government of the Republic of Kazakhstan dated April 16, 2018 No. 199 as amended on July 23, 2020 No. 470 for the academic year; expenses for paying teachers, paying for utilities, purchasing supplies, purchasing educational and methodological literature at the expense of financing the cost of educating master’s students. <https://adilet.zan.kz/rus/docs/P1800000199#z532> .

University activities is financed from different sources: through the budget allocated by the government for education, through funds of ministries, organizations and enterprises of all forms of ownership, and also owing to the tuition fees produced by learners studying on paid basis , and extra budget sources of financing not prohibited by the law of the country. The University is free to identify and prioritize the field where allocation will be made to. Financing educational programmes is analyzed annually to comprehensively explore and evaluate financial condition of the university. For the implementation of the educational program, financial resources are allocated for all types of activities and items of expenditure: wage fund, material and technical support of the educational process (acquisition of manuals, instruments, equipment, consumables), campus maintenance.

The annual execution of the plan of financial and economic activities based on the results of the financial year is submitted to the Board of Directors to be considered.

To achieve the final learning outcomes; to award and support teaching staff and students the university has the right to independently direct financial resources in accordance with regulatory documents.

The cost of educational services at the University is determined in accordance with the requirements of the law, approved at the local level (in accordance with the Regulations on the provision of paid educational services), information is communicated to consumers by posting on the official website.

In 2006 the Quality Management System (QMS) was created at the university. In 2021, the QMS was recertified for compliance with the international standard ISO 9001:2015. Assessment of the state of the ZKMU QMS is carried out in accordance with the documented procedures PRO ZKMU 502-19 "Analysis by the management"; PRO ZKMU 801-19 "Internal audits"; PRO ZKMU 727-19 "Questioning"; PRO ZKMU 708-2020 "Quality control of the educational process"; PRO ZKMU 803-19 "Corrective actions", etc.

For the training of administrative and academic staff, advanced training courses, master classes, round tables, etc. have been developed.

The calculation of departments staffing is carried out by the Department for Teaching on the basis of the volume of the annual teaching load of each department. The number of employees of the administrative staff and teaching staff is set at a ratio of 1:7. The ongoing cadre policy allows maintaining the balance of ratios between administrative and academic staff at the level of 1:6. This figure remains stable for the period 2018-2020 and ensures the effectiveness of management decisions to achieve the goals set by the university.

The department for Master's and Doctoral Degree studies <https://zkgmu.kz/ru/otdel-magistratury-i-doktorantury> is the main educational, scientific and administrative body that implements the educational program and manages all types of activities of the departments regarding the fulfilment of master's degree programmes.

The main collegiate governing body of the EP of the magistracy is the Academic Committee "Master's and Doctoral Studies". The activities of the committee are regulated by the Provision "on the Academic Committee of the Specialty of the NAO "ZKMU named after Marat .Ospanov" (P ZKMU 23-02). <https://cloud.mail.ru/public/ud3M/vqTGJRQB8>. The AC consists of faculty members experienced in teaching and methodological work, high-performing students who are interested in the educational process, employers and university graduates. The AC is an advisory body and is directly subordinated to the member of the Board - vice-rector for educational work.

The main functions of the AC are updating the educational program in accordance with the State Educational Standard of the Republic of Kazakhstan, analysis and control the content of disciplines, examination, discussion and recommendation of teaching methodological manuals to be approved at the Academic Council's meeting.

Master's educational programs are designed on the basis of a modular system for studying disciplines. In addition, a catalog of elective disciplines (QED) is being developed, containing a systematic annotated list of all disciplines of the elective component.

A catalog of elective disciplines reflects the prerequisites and post requisites of each academic discipline and provides undergraduates with the possibility of an alternative choice of elective courses. Master's programs are agreed with the Academic Committee of Master's and Doctoral Studies, the Department of Academic Work and are approved by the decision of the Academic Council.

The structural subdivisions that implement the main part of the educational program of the Master's Program in the specialty 7M10106 "Medical and preventive care" (profile direction) are the Departments of epidemiology, the Department of Hygienic disciplines with Occupational diseases, general hygiene, evidence-based medicine and scientific management.

The assessment on how training is organized at the department is systematically carried out by the head of the OMD. To ensuring the transparency of the management system on the educational program, decisions are made at meetings of collegiate management bodies.

Representatives of employers (institutions of sanitary and epidemiological control, medical institutions) are engaged in the educational process of master's students by reviewing educational programs, by acting as chairmen, members and examiners during the State Attestation Commission (SAC).

In 2020-2021 organizational structure of the university were changed to allow the most complete use of the scientific and intellectual potential of the university, the comprehensively develop research, clinical activities, the increase quality of education, and to strengthen international cooperation between scientists.

Thus, the university management system, academic management, budget for education and allocation of resources, administrative staff and management meet state and international quality standards to implement the educational program.

The assessment of the academic management is carried out based on the results of the final attestations of students, state attestations, the results of independent attestation of graduates, and the assessment of key indicators of the educational activities of the University Development Program.

Assessment of key indicators of the development strategy is carried out at the end of the calendar year. The achievement of development indicators is analyzed, and agreed by the authorized bodies of the Ministry of Health of the Republic of Kazakhstan, and then are approved at the meetings of the Academic Council and the Board of Directors. University employees and other concerned parties can find information about the implementation of the development strategy on the university website.

Analytical part

The Commission notes that the university has defined management structures, structural divisions which include academic staff, students, representatives of practical healthcare, and their functions, which is confirmed by the submitted documents, the results of interviews with various focus groups, from the management of the NAO to employers.

Decisions made at different levels are transparent, brought to the attention of stakeholders by posting p on the website and through corporate e-mails Meeting Minutes are published on the university website, and distributed at academic councils, at meetings with students and employers, in AIS "Platonus", through Whatsapp chats and social networks Telegram channel Ospanov zhastary, Telegram bot @zkmuhelp_bot, https://www.instagram.com/ospanov_zhastary/ and working -chat in the Student Parliament.

Information of the current QMS system of the university, which is carried out in accordance with the documented procedures ZKMU 727-19 "Questionnaire survey " PRO ZKMU 708-19 "Quality control of the educational process", PRO ZKMU 803-19 "Corrective actions", etc is reflected in the documents submitted to the EEP and on the website of the University. According to the approved schedule, all structural divisions of the university conduct an internal audit for compliance with the QMS.

The University independently carries out financial and economic activities, by developing a plan for financial and economic activities. The financial autonomy of the university correlates with the principles of responsibility in the society for the quality of all activities in professional training, scientific research, the provision of services, with the effective management of funds and property.

This policy does not contradict the legislation of the Republic of Kazakhstan and ensures the institutional autonomy of the university. Monitoring compliance with the principles of efficiency, effectiveness, priority, transparency and responsibility of the financing system is carried out during the audit, the results of which for the reporting period are posted on the website

<http://zkgmu.kz/ru/sluzhba-vnutrennego-audit>.

The departments implementing the EP on the Medical-Preventive care are fully staffed according to the staffing table. Currently, the departments are provided with highly qualified ca-

dres, including 3 doctors of science, 14 candidates of science, 4 masters of science, associate professors and professors (Table 9).

The qualitative and quantitative composition of the teaching staff ensures the full-fledged organization and conduct of the educational process, and the training of specialists in the EP. In order to motivate employees to improve the quality and effectiveness of activities, incentive measures (grants, additional payments) have been developed at the university, which was confirmed by the teaching staff at a meeting with members of the EEC.

Written appeals concerning the issues of the academic activities of the university are registered in the office. In addition, there is an opportunity to contact and receive an answer and explanatory information on the rector's blog (<https://zkgmu.kz/ru/blog-rektora/soobshcheniya>).

In order to ensure high-quality practical training within the educational programmes in medical-Preventive care, the university has concluded agreements with healthcare organizations as teaching hospitals in addition to its own, and 2 institutions of sanitary and epidemiological control in Aktobe, which is confirmed by electronic documents, as well as answers from masters, teaching staff, heads of departments, employers.

Strengths/ best practice

No strengths for this standard

Recommendations by EEP

No recommendations

Conclusions of the EEP according to the criteria: strong positions – 0, satisfactory – 22, should be improved– 0, unsatisfactory– 0. not applied - 0.

Standard 5.7 On-going improvement

Evidential part

ZKMU is a dynamically developing educational institution with a socially responsible approach to the training of pharmaceutical and medical personnel at the national and international level. According to the General ranking of universities of the Republic of Kazakhstan TOP-20 WKMU is in the eighth place, and stands the first among medical universities of the Republic of Kazakhstan according to the results of an Independent Ranking of Universities of the Republic of Kazakhstan.

Updating processes at the University are going through implementation of the mission, vision of the university focused on improving the processes of monitoring and evaluation of programs; management structures of the University, student recruitment and cadre policy and strengthening educational resources by introducing innovations in education, science and practice.

The Policy and Objectives of the University in the field of quality have been developed and approved in order to ensure continuous improvement of the educational and medical services offered to consumers and to increase the effectiveness of the Quality management system in accordance with the requirements of the international standard,. Scheduled internal audit and external inspection, corrective actions are carried out. Shortcomings identified by internal auditors in the departments are documented and eliminated in a timely manner by taking corrective actions.

Annually, the Russian Register Certification Association audits the University's Quality Management System for compliance with the requirements of MS ISO 9001:2015.

According to the ranking study, WKMU became as one of the in-demand universities in the country.

The university has developed and is implementing the Development Program of the non-profit joint-stock company "West Kazakhstan Marat Ospanov Medical University " for 2019-2023, focused on the continuous improvement of all types of activities of the university.

New units are being created and reorganized at the University to improve educational and medical activities up to the demand of the time and market demands. For example, over the past three years, the University has created such units as the Internal Audit Service, the Center for Family Medicine and Research in Primary Care, the International Faculty of Medicine, the Department of Social Work and Youth Policy, the Department of Postgraduate Education, Department of Digitalization and Automation of Processes, Department of Evidence-Based Medicine and Scientific Management; Clinical laboratory and visual diagnostics.

The Educational Programs Committee was reorganized into the Academic Committee, the Department of International Cooperation and Academic Mobility was renamed into the Department of International Cooperation, Projects and Academic Mobility, the Department of Administrative and Personnel Work into the Department of Human Resource Management, the Department of Economics and Finance - into the Department of Economics and Planning , the office - to the documentation management department, etc.

Knowledge and skills acquired by the teaching staff at training events (seminars, master classes, conferences), as a result of cooperation with leading educational and scientific organizations, the introduction of innovative educational technologies are taken into consideration while updating and improving educational programs.

In order to develop students' skills and knowledge of critically thinking and skills of grounding arguments in problem solving based on evidence-based medicine. Faculty members actively use teaching methods: a presentation with one's own findings and conclusions, team-oriented learning (TBL), a review of a scientific, original article, etc.



Table . 9 – Academic Staff implementing Master’s Programmes

	Средний возраст (лет)	Faculty members with scientific degrees (%)	Work at			Hold degrees of				At rank		Members of National Academy of Science, RK	Members of Public Academy of Science	Scholarship holders, laureates prizes and contests
			1,0 wage	0,5 wage	0,25 wage	Master’s	Candidate of Science	Doctor of Science	PhD	Professor	Associate Professor			
Tenured faculty members	50	14		16	11	4	14	3	6	5	14			-
Part-time faculty members	-													
In total	50	27		16	11	4	14	3	6	5	14	-	3	-
Including women	50	22		14	8	4	12	1	5	2	12	-		-

To develop students' critical and analytical thinking, special attention is paid to problem-based learning, which fosters the thinking skills necessary to solve non-standard problems. In problem-based learning, students acquire the ability to work independently with educational material, and analyze various sources of information.

Academic freedom in designing educational programs and elective disciplines available allow the university to make appropriate adjustments to educational programs, which provides opportunities for the development of elective disciplines, taking into account the changing conditions of the external and internal environment: the demographic situation, the structure of the incidence of the population and cultural conditions, the needs of society in the protection of health.

Analytical part

After having analyzed the submitted documents, the results of interviews, and surveys, the members of EEP conclude that the University is a dynamic, socially responsible organization that initiates procedures for assessing, monitoring, reviewing content, learning outcomes, assessment and the learning environment in general, by allocating resources for on-going improvements.

The renewal processes are aimed at adapting the mission, final results, methodological approaches to the scientific, socio-economic development of modern society, the needs of the post-graduate level of training.

The selection policy, academic staffing, the renewal of educational resources, the improvement of the organizational structure and management principles are adapted to the changing needs of all stakeholders. The university adjusts the elements of the educational program taking into account advances in biomedical, behavioral, social and clinical sciences, changes in the demographic situation and in the health status or disease incidence rates of the population.

However, in future, while developing educational programmes, attention should be paid to removing the old methods of control and supervision activities of the sanitary and epidemiological service, technologies in EP and on the contrary emphasize new scientific knowledge, organizational and legal framework for activities.

Thus, according to this standard as a whole, it can be stated that the administration and staff of the university are working on continuous improvement.

Strengths/ best practice

No strengths for this standard

Recommendations by EEP

No recommendations

Conclusions of the EEP according to the criteria: strong positions – 0, satisfactory – 5, should be improved – 1, unsatisfactory – 0, non applied – 5.

(VII) REVIEW OF STRENGTHS/ BEST PRACTICE ON EACH STANDARD

Standard 6.1. Mission and Learning Outcomes

There are not strengths on this standard

Standard 6.2. Стандарт Research Environment and Educational Recourses

There are not strengths on this standard .

Standard 6.3. Admission Policy and Criteria

There are not strengths on this standard

Standard 6.4. Master's Programme

There are not strengths on this standard

Standard 6.5. Scientific Supervision

There are not strengths on this standard

Standard 6.6. Management and Administration

There are not strengths on this standard

Standard 6.7. On-going improvement

There are not strengths on this standard

(VIII) REVIEW OF RECOMMENDATIONS ON QUALITY IMPROVEMENT

Standard 7.1. Mission and Learning Outcomes

The management of Educational Programmes should identify additional competencies necessary to carry out sanitary-epidemiologic service and include that direction of training in EP for Specialty Medical Preventive care. Deadline is early 2002-2023.

The Management of University together with the management of sanitary-epidemiologic service institutions should try to get targeted quotes from state to train specialists in Master's Degree for the Specialty Medical-Preventive care. Deadline is early 20023-2023.

Standard 7.2 Research Environment and Educational Resources

1. The management of educational organization should develop and implement the system for managing risks (the change of supervisor or the topic of scientific research, lack of consumables, stopping access to patients etc) which arise while doing master's research. Deadline - early 2023.

2. Managers of Educational Programmes should determine the list of potential partner-organizations to develop jointly Educational Programmes in the Specialty Medical-Preventive care Deadline – early 2024

3. The management of educational organization should implement the system of monitoring and controlling whether the learners adequately use information resources. Deadline - early 2023-2024

4. Management of Department for Master's and Doctoral Degree Studies should increase information posting activities to provide concerned parties and potential candidates for Degrees with information sufficiently on :

- the structure and staffing of the department
 - detail description of Master's Degree Programmes by indicating learning outcomes
 - admission and selection criteria for master's Degree
 - rules for documenting master's thesis
 - description of thesis defense procedures
 - description of State Committee work for Master's Degree thesis defense
- Deadline – early 2022-2023.

Standard 7.3. Admission Policy and Criteria

1. The management of the EP and the management of the department of master's and doctoral studies develop and implement mechanisms and a work plan to attract potential candidates for admission to master's programs in the context of priority areas of training. The deadline for completion is early 2023.

2. The management of the EP to develop mechanisms for assessing the research potential of undergraduates and the subsequent consideration of the results of this assessment in building an individual learning trajectory. The deadline is early 2023-2024

Standard 7.4. Master's Degree Programme

1. The management of the EP should identify and include the specific teaching and learning methods necessary to the achievement of the key competencies by students in the Educational Program. The management of the EP and Department for Master's and Doctoral Degree studies should inform both teaching fellows and students about the methods used in teaching staff. The management of the educational organization should ensure the material and technical base and training of teaching staff in applying teaching methods necessary for the implementation of the EP. The deadline - early 2024.

2. The management of the EP should develop and include in the educational program for the Specialty "Medical and preventive care", the mechanisms and algorithm for conducting internships in the institutions of the sanitary and epidemiological service, by listing the methods of teaching professional skills, types and volume of practical activities of a master's student, methods and criteria for assessing the achievements of a master's students at industrial site practice. The deadline - the end of the 2022-2023 academic year.

3. The management of the educational organization should develop and implement Provision on additional training during the vacation period in order students earn extra credits. The deadline is early 2023.

4. The management of the EP should immediately add the course "Organizational and legal framework for the activities of the sanitary and epidemiological service of the Republic of Ka-zakhstan" into the plan of training master's students on EP "Medical and preventive care".

Standard 7.5. Research Supervision

No recommendations on this standard

Standard 7.6. Governance and Administration

no recommendations on this standard

Standard 7.7. On-going improvement
There is no recommendation on this standard

(IX) REVIEW OF RECOMMENDATIONS ON EDUCATIONAL ORGANIZATION DEVELOPMENT

During the work of EEP both a remote and face-to-face meetings with administration of the University (Rector, Vice-Rector, Executive Director) and heads of Educational Programmes and heads of Hygienic and Epidemiology Department, academic staff, students, and employers were organized. Documents of the educational organization , and its internet resources were studied. Questionnaire survey among teachers and students was conducted . The onsite visit to the Center of Practical Skills, Morphological Laboratory, Anatomical Museum, Medial Library took place.

To maintain educational process at higher level and support its integration into the world educational space, the recommendations emphasized enhancing the work on the inclusion of site practice into the educational program so that learners could gain additional competencies necessary for sanitary-epidemiological service, enhancing the development and implementation of mechanisms in recruiting candidates to apply for Master's Degree Programme, enhancing the work with MES, RK to allocate target entry quotas for Master's Degree Programmes in order to remove deficit in cadres in sanitary-epidemiologic service , and enhancing research by students negative factors on environment and human health.

(X) RECOMMENDATIONS FOR ACCREDITATION COUNCIL

The Members of EEP unanimously came to conclusion that Educational Programme in Specialty 7M10106 Medical-Preventive care, implemented at the NC JSC West Kazakhstan Marat Ospanov Medical University can be accredited for the period of 5 years.

**Appendix 1. Evaluation Table «Parameters of Specialized Profile of EP in the
Specialty «7M10106 – Medical-Preventive care » (profile study)**

№ II/II	№	EVALUATION CRITERIA	Position of educational organization			
			Strong	satisfactory	Should be improved	unsatisfactory
Standard 1 «MISSION AND LEARNING OUTCOMES»						
Defining the mission of educational programme						
1.	1	The medical education organization should define its mission of the educational programme and bring it to the attention of stakeholders and the healthcare sector.		+		
2.	2	The medical education organization must ensure that the main stakeholders are involved in the development (formulation) of the mission of the educational programme..		+		
3.	3	The medical education organization must ensure that the stated mission includes the problems of public health, the needs of the medical care system and other aspects of social responsibility.		+		
4.	4	The medical education organization must ensure that the mission of the educational programme is consistent with the mission of the organization and allows the preparation of a competent researcher at the level of postgraduate medical education.		+		
5.	5	Mission and goals of the medical education organization and mission / educational programme: - should correspond to available resources, opportunities and requirements of the market; ways to support it should be determined; should be provided (availability of information on the website of the university).		+		
6.	6	The mission of the educational programme, similar to the mission of a medical educational organization, must be approved by the advisory board		+		
7.	7	A medical education organization must have a strategic plan for the development of an educational programme that corresponds to the stated mission of a medical education organization, including issues of improving the quality of master's programmes and approved by the advisory board of a medical education organization.			+	
Institutional autonomy and academic freedom						
8.	8	An organization that implements master's educational programmes must have an institutional autonomy to develop and implement policies for which faculty and administration are responsible, especially with regard to: development of an educational programme; - use of allocated resources necessary for the implementation of the educational programme.		+		

<i>Medical education organization should guarantee academic freedom to its employees and undergraduates:</i>						
9.	9	- in relation to the current educational programme, in which it will be allowed to rely on different points of view in the description and analysis of issues in medicine and pharmacy;		+		
10.	10	- in the possibility of using the results of new research to improve the study of specific disciplines/issues without expanding the educational programme		+		
Learning Outcomes						
11.	11	The medical education organization must determine the expected learning outcomes that undergraduates must display after completing the master's programme		+		
12.	12	The medical education institution must ensure that master's studies with the award of an academic master's degree will provide undergraduates with competencies that will allow them to become a qualified teacher and/or researcher in accordance with the principles of best pedagogical/research practice.			+	
13.	13	Completion of a master's programme should be of potential benefit to those pursuing a career outside of the medical organization and applying their competencies developed during the master's programme, including - critical analysis, evaluation and solution of complex problems, the ability to transfer new technologies and synthesis of new ideas.		+		
14.	14	The medical education organization should ensure that a regular (at least once a year) process of updating 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 programme		+		
		Total:		12	2	
Standard 2 "RESEARCH ENVIRONMENT AND EDUCATIONAL RESOURCES						
Research environment						
15.	1	The success of individual master's programmes must be ensured by the organization of a strong and effective research environment.		+		
<i>The quality of the research environment should be assessed by analyzing:</i>						
16.	2	publications of research results (number of publications, impact factor, etc.) on the profile of a master's programme in a medical education institution		+		
17.	3	the level of attracting external funding for scientific research in a medical educational organization		+		
18.	4	The number of qualified and competent teachers, researchers in the group, at the faculty, educational institution		+		
19.	5	national and international cooperation with research groups of medical organizations, universities, research centers		+		
20.	6	of a procedure/system of compliance with the ethics of scientific research in a medical education organization research ;		+		
21.	7	the possibility of providing access to the means necessary to write a dissertation		+		
22.	8	Master's programmes implemented in this medical institution of higher and postgraduate education may include training in other laboratories, preferably in another country, thereby ensuring internationalization		+		
23.	9	The medical education institution should explore the possibility of providing joint master's degree programmes from both universities and joint leadership to support cooperation between higher education institutions..		+		
24.	10	The medical education organization should ensure that the process of updating educational resources is carried out in accordance with changing needs, such as the recruitment of undergraduates, the number and profile of academic staff, the programme magistracy.		+		
25.	11	The medical education organization should be given sufficient autonomy in the distribution of resources, including procedures		+		

		aimed at adequate remuneration of teachers in achieving the final learning outcomes.				
Material and technical base						
<i>A medical education organization must have material and technical support that meets the licensed indicators, which include the following criteria:</i>						
26.	12	classrooms, laboratories and their equipment must be modern and adequate to the goals and objectives of the master's programme		+		
27.	13	undergraduates should be provided with conditions for the implementation of independent educational research work;		+		
28.	14	renewal and improvement of the material and technical base should be carried out regularly.		+		
29.	15	The medical education organization must have sufficient resources for the proper implementation of the master's programme in order to ensure: admission of undergraduates, organization of training in the master's programme, implementation of dissertations, scientific supervision, advising undergraduates, review and evaluation of dissertations, awarding an academic master's degree, operating costs, costs of participation in training courses, in international scientific conferences, payment for Master's degree studies in institutions where it is practiced; - undergraduate scholarship in terms of variation of its size.		+		
30.	16	The resource policy should be aimed at maintaining and ensuring the constant professional growth of teachers of the master's programme.		+		
31.	17	A medical education organization should have a service and support service for future undergraduates, including a registrar office, research centers and laboratories, a canteen, a medical center, sports grounds and halls.		+		
32.	18	The medical education organization must provide a safe environment for employees, undergraduates and those who ensure the implementation of the programme, including providing the necessary information and protection against harmful substances, microorganisms, compliance with safety regulations in the laboratory and when using equipment.		+		
33.	19	The medical education organization has approved procedures for improving the learning environment of undergraduates through regular renewal, expansion and strengthening of the material and technical base, which should correspond to the development in teaching practice.		+		
Information Technology						
34.	20	A medical education organization must have information support corresponding to the goals and objectives of the master's programme		+	+	
35.	21	The library should contain materials necessary for training - educational, technical, scientific and reference literature, various medical periodicals, etc		+		
36.	22	The medical education organization must ensure that undergraduates will have timely and free access to library resources		+		
37.	23	The library should have basic technical equipment to support daily activities: fax machines, copiers, computers, printers available for public use, and a telephone with voice mail or answering machine.		+		
38.	24	The library must have an information website. The website may contain the following elements: links, interlibrary loan forms, full-text electronic journal articles, and a feedback form.		+		
39.	25	The medical education organization should regularly monitor library resources, study and implement strategies to meet the existing and future needs of undergraduates		+		
40.	26	Undergraduates should use computer classes and terminals with access to information resources (local network, Internet).		+		

41.	27	In a medical educational institution, accessibility and adequate use of information resources by undergraduates should be monitored.			+	
42.	28	In a medical educational institution, constant updating, improvement and expansion of the information resource base should be carried out with the provision of access for undergraduates to modern electronic databases, including foreign databases (Thomson Reuters (Web of Science, Thomson Reuters), Scopus, Pubmed, Elsevier and etc.).		+		
43.	29	A medical education organization must open and constantly update a section on its website dedicated to master's programmes containing the following information: - structure and staff of the department of magistracy, duties of the head and employees of the department; - admission policy, including clear rules about the selection process for undergraduates; - list of master's programmes; - structure, duration and content of master's programmes; - criteria for the appointment of a supervisor, outlining the characteristics, duties and qualifications of the supervisor; - methods used to evaluate undergraduates; criteria for designing and writing a dissertation; description of the dissertation defense procedure; description of the work of the State Attestation Commission for the defense of master's theses; - programme of quality assurance and regular evaluation of the master's programme; - information about undergraduates, taking into account the year of study; - information about the employment of master's graduates over the past 3 years, taking into account the direction of study (scientific-pedagogical, specialized).		+		
		Total :		28	1	
Стандарт 3 «ADMISSION POLICY AND CRITERIA»						
44.	1	The medical education organization must establish a relationship between the selection of undergraduates and the mission of the medical education organization, the educational programme and the requirements of the labor market		+		
45.	2	The medical education institution must define and implement an admissions policy, including a clearly defined regulation on the selection process for undergraduates.			+	
46.	3	Candidates for the master's programme must master the professional training programmes of the higher education (basic medical/pharmaceutical/chemical, higher professional (basic medical + internship) or postgraduate education (residency)).		+		
47.	4	A medical education organization should have a system/mechanisms for career guidance aimed at selecting applicants for the chosen specialty of the magistracy			+	
48.	5	The medical education organization should determine the structure responsible for organizing the admission and selection of undergraduates, developed and approved rules/admission criteria based on the established standard rules for admission to the magistracy for higher educational institutions, dissemination of information to the general public		+		
49.	6	When selecting future undergraduates, one should evaluate the research potential of the applicant, and not just take into account his academic performance.			+	
50.	7	In a medical education organization, there should be a system for studying employment, demand, career support and continuous professional development of graduates.		+		
51.	8	The data obtained through this system should be used to further				Non applied

		improve educational programmes.				
52	9	The medical education organization should ensure that the process of updating and restructuring the educational programme of the master's programme leads to the adaptation of the admission policy for undergraduates, taking into account changing expectations and circumstances, needs for human resources, changes in the postgraduate education system and the needs of the programme.				Non applied
		Total:		4	3	
Standard 4 «MASTER'S DEGREE PROGRAMME»						
Educational programme model, teaching methods and structure						
53	1	The medical education organization must ensure that the educational programme is developed on the basis of an integrated, comprehensive, competence -based approach, using modular learning technologies		+		
54	2	The medical education organization must determine the purpose and objectives of the master's programme, which are aimed at achieving the mission of the educational organization, the mission of the educational programme and the final learning outcomes.		+		
55	3	The medical education organization should ensure that the content of the educational programme complies with the requirements of the State Educational Standards and the model curriculum of the relevant specialty and is developed taking into account the needs of the labor market		+		
56	4	The medical education organization must ensure the implementation of the educational programme with the relevant working curricula, academic calendar, curriculum for disciplines, forms of an individual curriculum for future undergraduates and an individual work plan for a undergraduate		+		
57	5	The master's programme must be based on the performance of original research, which requires analytical and critical thinking and must be carried out under scientific supervision.		+		
58	6	The medical education organization must ensure that the educational programme is implemented in accordance with the principles of equality.		+		
59	7	medical education organization should provide mechanisms that guarantee the fulfillment of obligations by future undergraduates in relation to doctors, teachers, patients and their relatives in accordance with the Code of Conduct/Code of Honor approved in this medical organization of higher and postgraduate education.		+		
60	8	The master's programme must ensure that undergraduates are taught the rules of ethics and the responsible conduct of scientific research.		+		
61	9	The medical education organization should determine the methods of teaching and learning that are appropriate for the educational programme and the achievement of students' competencies.			+	
62	10	The master's programme should be structured with a clear time limit equivalent to 1-2 full-time years and include: - theoretical training, including the study of cycles of basic and major 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 magistracy; - experimental research work, - including the implementation of a master's thesis for a specialized master's programme; - intermediate and final certification.- промежуточную и итоговую аттестации.		+		

63	11	The medical education organization 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 in undergraduates.	Non applied		
64	12	The medical education organization should provide mechanisms for the implementation of research practice to form undergraduates' 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.		+	
65	13	The medical education organization should provide mechanisms for the implementation of work practice for the formation of practical skills, competencies and experience of professional activity in the specialty being taught, as well as the development of best practices among undergraduates on the basis of theoretical knowledge			+
66	14	The medical education organization must ensure that future undergraduates will have the opportunity to study under the academic mobility programme, have mechanisms/procedures for accepting students from other universities, recognizing loans mastered under the academic mobility programme		+	
67	15	The medical education organization must ensure that undergraduates will be provided with the opportunity for additional training during the vacation period in the presence of academic debt, the desire to develop additional loans.			+
68	16	In a medical education institution, an appeal mechanism should be developed to allow undergraduates to review the decision regarding their programmes and the evaluation of their dissertations.		+	
Graduate Programme Evaluation					
69	17	A medical education organization should have a programme for monitoring processes and results, including the routine collection of data on key aspects of the educational programme. The purpose of monitoring is to ensure the quality of the educational process, identifying areas that require intervention..		+	
70	18	A medical education organization should have approved mechanisms for regular programme quality evaluation, including feedback from academic supervisors, employers and undergraduates..		+	
71	19	The medical education organization should have mechanisms aimed at the systematic collection, analysis of feedback and its provision to teachers and undergraduates, which will include information about the process and products of the educational programme, including information about unfair practices or inappropriate behavior of teachers or undergraduates.		+	
<i>The medical education organization should ensure that the process of updating and restructuring is carried out regularly and is aimed at::</i>					
72	20	- adapting the model of the educational programme and methodological approaches in teaching to ensure that they are appropriate;	Non applied		
73	21	- adjustment of the elements of the programme and their relationship in accordance with advances in the medical sciences, with changes in the demographic situation and the state of health / structure of the incidence of the population and socio-economic, cultural conditions	Non applied		
Stakeholder Engagement					
74	22	The medical education organization must ensure that the teaching staff, undergraduates, administrative and managerial personnel, and employers will be involved in the monitoring programme and activities for evaluating the educational programme.		+	
75	23	The medical education organization should involve other stake-		+	

		holders in the evaluation process, including representatives of academic and administrative staff, members of the public, authorized bodies for education and health care, professional organizations, and employers.				
76	24	The medical education organization should have mechanisms for providing access to the results of the evaluation of the educational programme of all interested parties.		+		
77	25	The medical education organization should ensure that the process of updating and restructuring leads to an improvement in the process of monitoring and evaluation of the programme in accordance with changes in the learning outcomes and teaching and learning methods.	Non applied			
Total:				18	3	
Стандарт 5 «НАУЧНОЕ РУКОВОДСТВО»						
78	1	The medical education organization must ensure that it assigns to each undergraduate a supervisor, and, in appropriate cases, a co-supervisor in order to cover all aspects of the programme..		+		
79	2	Medical education organization must have mechanisms/procedures regulating the process of discussion and approval of the candidature of the supervisor and the research topic of the undergraduate in accordance with the standard requirements and SCES.		+		
80	3	The medical education organization must ensure that the candidates for supervisors will be selected from specialists who have a scientific degree and are actively engaged in scientific research in the field of science in the specialty of undergraduate education.		+		
81	4	The medical education organization should have clearly defined duties and responsibilities of the supervisor.		+		
82	5	Medical education organization should plan and organize training courses for supervisors on the policy of implementing master's programmes, the main responsibilities of scientific supervisors.			+	
83	6	A medical education organization should have procedures/mechanisms/structures that organize and control the scientific activities of future undergraduates to complete a dissertation research.		+		
84	7	The medical education organization must determine, approve and publish the principles, methods and practices that will be used to evaluate undergraduates, including the criteria for evaluating scientific work.		+		
Total:				6	1	
Standard 6 GOVERNANCE AND ADMINISTRATION »						
Programme Management						
85	1	The management of the medical education organization must be effective to ensure the improvement of the educational programme.		+		
86	2	The medical education organization must ensure that training in the magistracy is carried out only on a full-time basis.		+		
87	3	The medical education organization must determine the structural unit responsible for the implementation of educational programmes of postgraduate education and the achievement of the final learning outcomes.		+		
88	4	The structural unit responsible for the implementation of educational programmes of postgraduate education should have the authority to plan and implement the educational programme, including the allocation of allocated resources for the planning and implementation of teaching and learning methods, evaluation of undergraduates, evaluation of the educational programme and courses of study.		+		
89	5	The medical education organization must guarantee the interac-		+		

		tion of undergraduates with management on the design, management and evaluation of master's programmes.				
90	6	The medical education organization should encourage and facilitate the involvement of undergraduates in the process of developing educational programmes for the preparation of undergraduates.		+		
91	7	The structural unit responsible for the implementation of educational programmes of postgraduate education must ensure the transparency of the management system and decisions that are published in bulletins, posted on the website of the university, included in the protocols for review and execution.		+		
92	8	The medical education organization should, through the structural unit responsible for the implementation of educational programmes of postgraduate education, plan and implement innovations in the educational programme.		+		
93	9	The medical education organization should include representatives from other relevant stakeholders in the advisory body responsible for the implementation of educational programmes of postgraduate education, including other participants in the educational process, representatives from clinical and industrial bases, graduates of medical education organizations, healthcare / pharmacy specialists involved in the process teaching or other teachers of the faculties of the university.		+		
94	10	The medical education organization should ensure that the structural unit, responsible for the implementation of educational programmes of postgraduate education: <ul style="list-style-type: none"> - takes into account the peculiarities of the conditions in which graduates will have to work and, accordingly, modify the educational programme; - considers the modification of the educational programme based on feedback from the public and society as a whole. 		+		
95	11	The medical education organization should periodically evaluate the academic leadership regarding the achievement of its mission and the final learning outcomes.		+		
96	12	The medical education organization 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 programme to ensure effective operation and (in the long term) to meet the interests of various stakeholder groups in the face of changing circumstances and needs	Non applied			
Academic Leadership						
97	13	The medical education organization must clearly define the responsibility of the academic leadership in relation to the development and management of the educational programme.		+		
98	14	The medical education organization should periodically evaluate the academic leadership regarding the achievement of its mission and the final learning outcomes.		+		
allocation of budget and resource to training						
	15	The medical education organization must: <ul style="list-style-type: none"> - have a clear terms of reference and authority to provide the educational programme with resources, including the target budget for education; - allocate the resources necessary for the implementation of the educational programme, and distribute educational resources in accordance with their needs.. 		+		
100	16	The system of financing a medical educational organization should be based on the principles of efficiency, effectiveness, priority, transparency, responsibility, differentiation and inde-		+		

		pendence of all levels of budgets.				
101	17	Financial and administrative policies should be aimed at improving the quality of the educational programme.		+		
Administrative staff and management						
102	18	A medical education organization must have an appropriate administrative and academic staff, including their number and composition in accordance with qualifications, in order to: <ul style="list-style-type: none"> - ensure the implementation of the educational programme and related activities; - ensure proper management and allocation of resources. 		+		
103	19	The medical education organization should develop and implement an internal management quality assurance programme, including consideration of needs for improvement, and conduct regular management review and analysis.		+		
104	20	The medical education organization must ensure the implementation of the master's programme in accordance with the quality management system certified by independent organizations.		+		
Interaction with health sector						
105	21	The medical education organization should have a constructive interaction with the health sector, with related sectors of health, society and government, including the exchange of information, cooperation and initiatives of the organization, which contributes to the provision of qualified specialists in accordance with the needs of society.		+		
106	22	The medical education organization must provide an operational link between the educational programme and the subsequent stages of professional training.		+		
107	23	A medical education organization should be given official status of cooperation with partners in the health sector, which includes the conclusion of official agreements defining the content and forms of cooperation and/or the conclusion of a joint contract and the creation of a coordinating committee, and holding joint events.		+		
		Total :		22	0	
Standard 7 On-going improvement						
<i>The medical education organization must ensure that, as a dynamic and socially responsible institution, it will:</i>						
108	1	initiate procedures for regular review and revision of content, result in/competencies, evaluation and learning environment, structure and function, document and eliminate deficiencies;		+		
109	2	allocate resources for continuous improvement.		+		
<i>The medical education organization should::</i>						
110	3	Base the update process on forward-looking research and analysis and on the results of our own research, evaluation and literature on postgraduate medical education;		+		
111	4	ensure that the process of renewal and restructuring leads to a revision of its policies and practices in line with previous experience, current activities and prospects.		+		
<i>Medical education organization in the process of updating/ continuous improvement should pay attention to:</i>						
112	5	adaptation of the mission and end results of postgraduate medical education to the scientific, socio-economic and cultural development of society for the future;		+		
113	6	Modification of the intended outcomes of postgraduate education in the chosen field of health in accordance with the documented needs of the environment. Changes may include adjusting the structure and content of the educational programme, the principles of active learning. The adjustment will ensure, along with the exclusion of obsolete ones, the assimilation of new relevant knowledge, concepts, methods and concepts based on new achievements in the basic biomedical, clinical, behavioral and social sciences, taking into account changes in the demographic			+	

		situation and the structure of the population on public health issues, as well as changes in socio-economic and cultural conditions;				
114	7	development of evaluation principles, methods of conducting and the number of examinations in accordance with changes in learning outcomes and teaching and learning methods;	Non applied			
115	8	adapting the policy of recruitment and selection of students to the master's programme, taking into account changing expectations and circumstances, the needs for human resources,	Non applied			
116	9	changes in the system of postgraduate education and the needs of the educational programme;	Non applied			
117	10	Adapting the recruitment policy and the formation of the academic staff in accordance with changing needs;	Non applied			
118	11	improvement of the process of monitoring and evaluation of the educational programme.	Non applied			
		Total :		5	1	
		Total :		96*	11	

