

To the Accreditation Council of the
Eurasian Centre for Accreditation and
Quality Assurance in
Education and Health Care

**REPORT
OF THE EXTERNAL EXPERT COMMISSION ON THE RESULTS OF
THE EVALUATION OF THE EDUCATIONAL PROGRAMME
7M10119 "PUBLIC HEALTHCARE"
OF THE NJSC "MEDICAL UNIVERSITY OF KARAGANDA" FOR
COMPLIANCE WITH THE STANDARDS FOR ACCREDITATION OF
EDUCATIONAL PROGRAMMES OF MASTER'S DEGREE
SPECIALTIES IN HEALTHCARE**

Period of external expert evaluation: 15-17.05.2024

Karaganda, 2024

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LIST OF DESIGNATIONS AND ABBREVIATIONS

ECAQA	Eurasian Centre for Accreditation and Quality Assurance in Education and Health Care
EEC	external expert commission
EP	educational programme
NJSC "MUK"	Non-profit joint-stock company "Medical University of Karaganda"
RW	research work
WC	working curriculum
CED	catalog of elective disciplines
LEC	local ethics committee
TBL	team based learning
RBL	research based learning
RWM	research work of a master's student
SSS	student support service
Academic staff	Academic staff
HEI	higher educational institution
LSI	Laws and Statutory Instruments

1. Composition of the External Expert Commission

In accordance with the order of the ECAQA No. 15 dated 02.05.2024, the External Expert Commission (hereinafter referred to as the EEC) was formed to conduct an external evaluation of the educational programme of the master's degree in the specialty 7M10119 "PUBLIC HEALTHCARE" of the NJSC "Medical University of Karaganda" from 18.04.2024 to 03.06.2024 in the following composition:

1. Chairman of the EEC - ZHANALINA BAKHYT SEKERBEKOVNA, Doctor of Medical Sciences, Professor of the Department of Surgical and Paediatric Dentistry of the NJSC "West Kazakhstan Medical University named after Marat Ospanov", Excellent Healthcare Worker of the Republic of Kazakhstan;
2. International expert - NASYROV RUSLAN ABDULLAEVICH, MD, Professor, Vice-Rector for Research, Head of the Department of Pathological Anatomy with a Course in Forensic Medicine at the St. Petersburg State Paediatric Medical University of the Ministry of Health of the Russian Federation, Member of the New York Academy of Sciences;
3. International expert - TROYNICH YANA NIKOLAEVNA, Vice-Rector for Academic Affairs at the Armenian-Russian International University "Mkhitar Gosh", translator of medical literature - Logosfera Publishing House. Member of the Student Scientific Society at the Department of Histology at Perm State Medical University. Head of the Student Scientific Society at the Department of Histology at Perm State Medical University;
4. Academic expert - ZHUMALINA AKMARAL KANASHEVNA, MD, Professor, Head of the Department of Childhood Diseases with Neonatology at the West Kazakhstan State Medical University named after Marat Ospanov;
5. Academic expert - MADYAROV VALENTIN MANARBEEKOVICH, Doctor of Medical Sciences, Head of the Department of Surgery with the Course of Anaesthesiology and Resuscitation of the NJSC "Kazakh-Russian Medical University";
6. Academic expert - NUGMANOVA AIGUL MARATOVNA, Doctor of Medical Sciences, Head of the Department of Paediatrics with the Course of CID of the NJSC "Kazakh-Russian Medical University";
7. Academic expert - ABBASOVA SAULESH AKHATOVNA, Candidate of Medical Sciences, Assistant of the Department of Pathological Anatomy and Forensic Medicine named after Professor Yu.V. Pruglo of the NJSC "Semey Medical University";
8. Academic expert - YESETOVA GULSTAN UTEGENOVNA, Candidate of Medical Sciences, Head of the Department of Pulmonology of the NJSC "Kazakh National Medical University named after S.D. Asfendiyarov";
9. Academic expert - SADYKOVA AINUR MARALOVNA, MD, PhD, Associate Professor of the Department of Infectious and Tropical Diseases of the NJSC "Kazakh National Medical University named after S.D. Asfendiyarov". Member of the working groups for the preparation and participation in the National Rating of Educational programmes of the national chamber of entrepreneurs "ATAMEKEN", for institutional accreditation;
10. Academic expert - TUKSANBAYEVA GULFARIZA USENBAEVNA, MD, PhD, Associate Professor, Acting Professor of the Department of Neurology, Psychiatry, Rehabilitation and Neurosurgery of the South Kazakhstan Medical Academy;
11. Academic expert - IZTLEUOV YERBOLAT MARATOVICH, MD, PhD, Head of the Department of Radiology, NJSC "West Kazakhstan Medical University named after Marat Ospanov", member of the Local Ethics Commission on Research Work, internal auditor of the quality management service;
12. Academic expert - PAK LAURA ALEKSEEVNA, MD, PhD, Associate Professor, Head of the Department of Clinical Oncology and Nuclear Medicine, NJSC "Semey Medical University";

13. Academic expert - KAMKHEN VITALIY BRONISLAVOVICH, PhD, Associate Professor, Associate Professor of the Department of "Health Policy and Organization" of NJSC "Al-Farabi Kazakh National University";
14. Expert-employer – DANIYAROVA BAYAN LASHINOVNA, Deputy Director for Strategic Development of the MSE “Regional Clinical Hospital” of the Public Health Department of the Karaganda Region;
15. Expert-resident – DYUSEMBEK NAZIRA AKSERBEKKYZY, second-year resident in the specialty “Neurology for Adults, Children” of the NJSC “Astana Medical University”;

The work of the EEC was carried out in accordance with the Regulation on the EEC.

The EEC report includes a description of the results and Conclusion of the external evaluation of the Master's degree program 7M10119 "PUBLIC HEALTHCARE" of the NJSC "Medical University of Karaganda" for compliance with the Standards for Accreditation of educational programmes of Master's degree specialties in healthcare and conclusions (hereinafter referred to as the Standards for Accreditation), recommendations of the EEC for further improvement of approaches and conditions for the implementation of the above-mentioned educational programme and recommendations for the ECAQA Accreditation Council for accreditation.

2. General part of the final report

2.1 Presentation of the Master's degree educational programme in the specialty 7M10119 "PUBLIC HEALTHCARE" of the NJSC "Medical University of Karaganda"

Name of the organization, legal form of ownership, BIN	Non-profit Joint-Stock Company "Medical University of Karaganda", BIN: 190140033600
Management body	Sole shareholder - Ministry of Health of the Republic of Kazakhstan, Management body - Board of Directors, executive body - Management Board
Full name of the first director	Turmukhambetova Anar Akylbekovna, Chairman of the Management Board - Rector
Date of establishment	The University was founded in 1950. RSE on the REM "Karaganda State Medical University" was reorganized into NJSC "Medical University of Karaganda" on the basis of order No. 82 of the Ministry of Finance of the Republic of Kazakhstan dated 01/25/2019
Location and contact details	Republic of Kazakhstan, Karaganda region, Karaganda, st. Gogolya, 40, 100008
State license for educational activities in the master's program (date, number)	License for educational activities No. KZ32LAA00016018 dated 06.05.2019
Year of commencement of the implementation of the accredited educational programme (EP)	Start year - 2019. Total number of graduates since the beginning of the master's degree programs - 24
Duration of study	2 years
Number of master's students in the current academic year	1 year - 6 2 year - 1
Quality indicators in the master's program	Number of master's students in the "Public Health" program expelled over a period of 5 years - 0, including for academic failure - 0 people. Employment rate, % in dynamics over 5 years: 2019 - 100% 2020 - 100%

	2021 - 100% 2022 - 100% 2023 – 100%
Full-time teachers/part-time workers involved in the implementation of the EP, incl. % of Sedateness	Total number of teachers - 11 people, including full-time - 11 people, part-time - 0. Sedateness - 100% Categorization, % - 75%

2.2 Information about previous accreditation

Accreditation of the Master's program 7M10119 "Public Healthcare"	14.06.2019-13.06.2024 IAAR №AB 2582 https://enic-kazakhstan.edu.kz/ru/accreditation/akkreditovannye-programmy-magistratury-1
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2.3 Brief description of the results of the analysis of the self-assessment report of the educational programme of the master's degree 7M10119 "Public Healthcare" of the NJSC "Medical University of Karaganda" for compliance with the Standards for Accreditation of educational programmes of specialties of the master's degree in health care and conclusions on the completeness

The final report (with adjustments made on the basis of the Analytical opinions) on the self-assessment of the educational programme of the master's degree 7M10119 "PUBLIC HEALTHCARE" (hereinafter referred to as the report) is presented on 103 pages of the main text. The electronic version of the document is located at the link <https://drive.google.com/drive/folders/1JINEq7KJYOuFPV3IzRSYHQrr92XbG4YB>. A total of 68 electronic versions of documents (annexes) are available for review at the link https://drive.google.com/drive/folders/1-UoCZi7JqSOWrsLDqL6TrE_WjBaz73k3. Attached to the report is a cover letter signed by the rector A.A. Turmukhambetova, which confirms the accuracy of the information and data included in the self-assessment report.

Self-assessment of the educational programme 7M10119 "PUBLIC HEALTHCARE" was carried out on the basis of order No. 396 dated October 17, 2023 "On approval of the composition of the working group for conducting self-assessment of educational programmes". All standards provide the University's actual practice of training master's students in the specialty 7M10119 "PUBLIC HEALTHCARE" taking into account the start of student admission, substantiated data, examples of the implementation of the educational programme objectives, national and international events, methodological support, confirming compliance with the requirements of standards for accreditation. The description in the self-assessment report is quite complete and updated in terms of the number of master's students, teachers, administration, information on selection and admission, training results, knowledge and skills assessment results, the material and technical base of the university and clinical sites, contractual obligations with partners (universities, associations, bases), financial information, development and improvement plans, etc.

The report is submitted to the ECAQA in its completed form, with data adjustments (based on the results of the Analytical Conclusion), written in literate language, the wording for each standard is clear and understandable and described in accordance with the criteria of the standards, tables and figures (diagrams, photographs) contain links in the text and are numbered continuously.

3. Description of the visit to the organization

The external expert work within the framework of the evaluation of the educational programme 7M10119 "PUBLIC HEALTHCARE" was organized in accordance with the Guidelines

for the external evaluation of educational organizations and educational programmes of the ECAQA within the established time frame for the visit to the organization: May 15-17, 2024.

To obtain objective information, the members of the EEC used the following methods:

- conversation with members of the Board of Directors of NJSC "MUK", with the Dean of the School of Public Healthcare, with the head of the educational programme, with members of the Academic Committee of the Senate and the Commission for Quality Assurance of the School by levels of education, with employees of structural divisions;
- review of resources in the context of fulfilling standards for accreditation: visit and familiarization with the activities of the Centre for Simulation and Educational Technologies, visit to practice/R&D bases ("National Centre for Occupational Health and Diseases" and "National Centre for Healthcare Development named after S. Kairbekova");
- interviews with students, teachers, graduates and employers;
- study of the presented educational and methodological and other documentation and the organization's website (<https://muk.qmu.kz/ru/ob-universitete/>);
- survey of teachers and graduate students.

Table 1 – Information on the number and category of participants in meetings, interviews, and conversations with members of the EEC

№	Position	Quantity
1	Members of the Board	3
2	Heads of structural divisions	11
3	School deans	2
4	Heads of educational programmes	11
5	Members of the Academic Committee of the Senate, the School Quality Assurance Commission for educational programmes (Master's program, residency)	6
6	Teachers	35
7	Students	47
8	Employers	17
9	Graduates	24
	Total	156

On the last day of the visit to the organization, a meeting of the EEC members was held on the results of the external evaluation. A final discussion of the results of the external evaluation of the educational programme, examination of documents, interview results, and questionnaires was held. Generalizations of the results of the external evaluation were made. The "Quality Profile and Criteria for External Evaluation of the Educational programme 7M10119 "Public Healthcare" for Compliance with the ECAQA Standards for Accreditation" was individually filled out. Recommendations for improving the educational programme were discussed and the chairperson, B.S. Zhanalina, held a final open vote on the recommendations for the ECAQA Accreditation Council.

In general, comfortable conditions were created for the work of the EEC; access to all necessary information and material resources was organized. It should be noted that the corporate culture of NJSC "MUK" is high; the team is highly open in providing information to the EEC members.

4. Analysis of compliance with standards for accreditation based on the results of external evaluation of the educational programme of the master's degree in the specialty 7M10119 "Public Healthcare" of the NJSC "Karaganda Medical University"

4.1 Comments on Standard 1 ("MISSION AND FINAL OUTCOMES"):

– The mission of the educational programme of the master's degree 7M10119 "Public Healthcare" of the NJSC "MUK" is as follows: *"To prepare specialists with in-depth scientific and pedagogical training for the public health service, education and science."* (quote). It should be noted that the Mission of the master's degree program 7M10119 "Public Healthcare" is generally consistent with the institutional (university-wide) Mission: *"Development of society, improvement of health and quality of life of the population of Kazakhstan by achieving excellence in science, education and practice"* (quote).

– According to the submitted documents (Table 1, Annex 1.2, etc.), the educational programme of the Master's degree 7M10119 "Public Healthcare" has final learning outcomes that are oriented towards the competencies defined on the basis of the Dublin descriptors.

– Based on the results of the examination, evidence of the participation of all stakeholders in the development of the mission and final learning outcomes was verified, in accordance with standard 1.2: including protocol information (protocol No. 8 of 04/09/2019 and protocol No. 3 of 09/17/2020) and information obtained from the survey results. It follows from the interview that all participants in the educational process know the mission of the educational programme and took part in the formation of proposals for formulating the mission.

– NJSC "MUK", being a non-profit joint-stock company (according to the Decree of the Government of the Republic of Kazakhstan No. 646 dated October 16, 2018) and acting in accordance with legal documents and the Charter of the organization, has sufficient institutional autonomy to develop and implement policies regarding the development of the educational programme of the master's degree 7M10119 "Public Healthcare" and the use of allocated resources for its implementation. According to the current regulations, the structure/content of the educational programme is discussed and agreed upon at the School Council (including the possibility of forming optional disciplines/components), and the educational content is provided by the faculty (including independent determination of the form of conducting classes, teaching methods, methods and form of assessing learning outcomes, etc.) under the supervision of the Dean's Office of the School of Public Healthcare. In turn, the academic freedom of graduate students is achieved through the choice of elective disciplines, the choice of the direction of scientific research and a scientific consultant.

– NJSC "MUK" has a number of regulatory documents that describe the main postulates presented to the educational programme of the master's degree 7M10119 "Public Healthcare":

- 1) Regulation on the master's degree (Annex 1.1),
- 2) Educational programme 7M10119 - Public Health (Annex 1.2),
- 3) WC (Annex 1.6),
- 4) CED (Annex 1.7),
- 5) Regulation on the management of the educational programme (Annex 1.9),
- 6) Rules for the rating system of student performance (Annex 2.1),
- 7) Regulation on the LEC (Annex 2.4),
- 8) Regulation on the preparation of master's theses (Annex 2.5),
- 9) Evaluation checklist of the results of the defence of master's theses (Annex 3),
- 10) Regulation on the organization of academic mobility (Annex 4.1), etc.

Conclusion on compliance with standards for accreditation and recommendations:

Conclusion	1.1 Statement of mission, goals and learning outcomes	Fully compliant
	1.2 Participation in the formulation of mission and learning outcomes	Fully compliant
	1.3 Institutional autonomy and academic freedom	Fully compliant
	1.4 Title and description of the program	Fully compliant

4.2 Comments on Standard 2 ("EDUCATIONAL PROGRAMME"):

- Methods of learning and teaching are reflected in the syllabi of the disciplines. While surveying the Academic staff, it was found that teachers prefer interactive teaching methods: including conducting problem lectures with pre-planned errors, solving situational problems, using brainstorming, etc. In turn, a survey of master's students showed that the formation of interest in learning is facilitated by such teaching methods used in NJSC "MUK" as TBL (team based learning), RBL (research based learning), etc.

- The model of the educational programme for the specialty 7M10119 "PUBLIC HEALTHCARE" is determined on the basis of the final learning outcomes and is focused on the formation of the ability of master's graduates to demonstrate their intellectual and personal potential. The development of independent thinking skills, the ability to analyse, synthesize and critically perceive information, and creatively solve problems in a master's student is possible through mastering such disciplines as: "Psychology of Management", "Biostatistics", "Public Healthcare", "Analysis and Evaluation of the Activities of a Polyclinic and Hospital Inpatient Department", "Epidemiology Methods", "Scientific Information Management; Research Management", "Project Management", "Health Problems of Socially Vulnerable Populations", etc. In general, the development of academic skills is carried out through: 1) theoretical training, including the study of cycles of basic, specialized disciplines, including a university component and an elective component, 2) practical training of master's students, including research and teaching practice, 3) research work, including R&D for completing a master's thesis and final certification, including the defence of a master's thesis. – According to the respondents, demonstration of academic skills is primarily carried out through the publication activity of master's students, through participation in scientific grant research and through the presentation of their own results of dissertation research by master's students.

– While studying the documentation regulating the educational programme in the specialty 7M10119 "Public Healthcare", it was found that the NJSC "MUK" does not have separate regulatory instructions for the research practice of this program, which prescribe the procedure for completing the practice, taking into account the existing practice bases. This fact, according to experts, is a "partial non-compliance" with the standard for accreditation 2.5.2 and is subject to adjustment.

– According to the Report (self-assessment), the following took part in the development of the educational programme 7M10119 "Public Healthcare": 1. Dauletkaieva Zh.A. (Dean of the School of Public Healthcare), 2. Kulov D.B. (Professor), 3. Galaeva A.I. (Associate Professor), 4. Shaizadina F.M. (Professor) and 5. Kalishev M.G. (Professor). Nine heads of healthcare organizations acted as experts/reviewers of the educational programme. The program 7M10119 "PUBLIC HEALTHCARE" itself was discussed by the Academic Committee at a meeting of the School of Public Health, Biomedicine and Pharmacy (minutes No. 8 dated 04/09/2019).

Conclusion on compliance with standards for accreditation and recommendations:

Conclusion	2.1 Methods of learning and teaching	Fully compliant
	2.2 Development of academic skills	Fully compliant
	2.3 Content of the program, scope of application	Fully compliant
	2.4 Research and grants	Fully compliant
	2.5 Structure and duration of the program	Partially compliant
	2.6 Process of developing the educational programme	Fully compliant
Recommendations	To develop a separate regulation or modify the current regulations on the	

	internship of master's students, where the possibility and procedure for internship at existing bases are approved.
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4.3 Comments on Standard 3 ("ASSESSMENT OF MASTER'S STUDENTS"):

– An examination of the control and measuring tools showed that the NJSC "MUK" has implemented an appropriate assessment policy that allows for a comprehensive assessment of the academic achievements of master's students. The principles, methods and practices used to assess master's students of the educational programme 7M10119 "Public Healthcare" are approved and published in the "Academic Policy" of NJSC "MUK" and are detailed in the "Regulations on the Master's Program", "Regulations on the Conducting of Interim Evaluation" and "Regulations on the End-of-course Assessment of Students".

– The system for monitoring the academic achievements of a master's student in a discipline includes current assessment and midterm assessment (exam). The ratio of the current rating and the examination grade in the final rating is 60% and 40%, respectively.

– In order to ensure compliance with uniform requirements and resolve controversial issues when assessing examination papers during the midterm and end-of-course assessment of master's students, an appeal committee consisting of teachers operates under the chairmanship of the dean during the examination session. To date, there have been no appeals from master's students.

– During a visit to the organization, the management was asked the question: "Are external examiners involved in order to improve the fairness, quality and transparency of the assessment process?" The positive answer was supported by an example of involving external reviewers in assessing a master's dissertation.

Conclusion on compliance with standards for accreditation and recommendations:

Conclusion	3.1 Assessment methods	Fully compliant
	3.2 Assessment system	Fully compliant
	3.3 Feedback from postgraduate students	Fully compliant
	3.4 Quality assurance of the assessment system	Fully compliant

4.4 Comments on Standard 4 ("MASTER'S STUDENTS"):

– NJSC "MUK" has a policy for the admission of master's students, which is regulated by the "Rules for the Admission of Students to NJSC "MUK", which are part of the "Academic Policy". Approaches to the admission of master's students are based on generally accepted requirements (according to the Order of the Minister of Education and Science of the Republic of Kazakhstan dated October 31, 2018 No. 600 "On approval of the standard rules for admission to study in educational organizations implementing educational programmes of higher and postgraduate education").

– Admission of persons entering NJSC "MUK" for educational programmes in the master's degree is carried out upon their applications on a competitive basis based on the results of comprehensive testing. Applicants are consulted on the issues of the selected group of educational programmes of postgraduate education and familiarization with the procedure for comprehensive testing.

– According to the submitted reporting documentation, the contingent of master's students in the current academic year is 7 people: 2nd year - 1 master's student and 1st year - 6 master's students. According to experts, in order to level the ratio of the number of students to teachers (according to the Order of the Minister of Education and Science of the Republic of Kazakhstan dated October 31, 2018 No. 606 "On approval of the average ratio of the number of students to teachers for calculating the total number of faculty of higher and (or) postgraduate education

organizations, with the exception of military, special educational institutions, educational organizations in the field of culture"), it is advisable for specialists of NJSC "MUK" to conduct a marketing analysis of the market of potential applicants and evaluate the possibility of attracting potential applicants to extra-budgetary places.

– To support and consult master's students, the university structure includes a Student Service Centre (SSC), a psychological service, a consulting service, and a **Career Development Centre**. The School Dean's Office provides operational information support on all issues related to the organization of the educational process: inform students about the class schedule, exam schedule, work schedule, medical examination, etc.

– Requirements in terms of competencies and/or the main results of mastering the program by a graduate-master's student, as well as progress indicators (the range and role of formative and summative assignments; deadlines for completing assignments; acceptable reasons for late assignment completion and approaches to overcoming such situations; measures in the event of re-submission of assignments, including deadlines and the highest possible grades in this case) and reasons for lagging behind (accounting for student performance; accounting for expulsion rates or withdrawal of master's students from the program; reasons why a master's student left the program of study before its completion) are formulated and set out in the "Educational programme of the Specialty", "Academic Policy", "Regulations on the Master's Program of the NJSC MUK" and in the syllabi of disciplines. While surveyed, master's students demonstrated an understanding of the required requirements for graduates of the master's program in the specialty 7M10119 "Public Healthcare".

Conclusion on compliance with standards for accreditation and recommendations:

Conclusion	4.1 Admissions and Selection Policy	Fully compliant
	4.2 Recruitment of Master's Students	Fully compliant
	4.3 Support and Counseling of Master's Students	Fully compliant
	4.4 Representation of Master's Students	Fully compliant
	4.5 Graduation Requirements	Fully compliant
	4.6 Progress Indicators and Reasons for Lagging	Fully compliant
Recommendations	It is recommended to conduct a marketing analysis of the market of potential applicants. To evaluate the possibility of attracting potential applicants to non-budget places.	

4.5 Comments on Standard 5 ("ACADEMIC STAFF"):

– The examination showed that the personnel policy at NJSC "MUK" is implemented in strict accordance with the requirements of the legislation of the Republic of Kazakhstan and the internal acts of the university. The number of teaching staff teaching disciplines within the framework of the educational programme 7M10119 "Public Healthcare" for 2022/2023 is 10 people (100% have an academic degree), with a ratio of 4:1 working full-time and part-time, respectively.

– The search and selection of highly qualified specialists is carried out on the basis of submitted resumes and interviews. The decision to hire employees is made collegially, by a commission (according to the Regulation, Annex 5.11) to conduct interviews with candidates for employment, in accordance with the "Rules for the admission of employees when applying for employment at NJSC "MUK".

– During interviews with teachers, experts received a positive opinion about the possibilities of developing teachers' pedagogical competence, motivation to work with master's students and

mentoring. Reasoned information is presented about teachers of specialized departments who have undergone training in professional skills over the past 5 years (Table 17, <https://drive.google.com/drive/folders/1pmpC0OYtWv4cPr6ooGFQ46bEWkbmbpUr>).

– Y All teaching staff involved in the implementation of program 7M10119 "PUBLIC HEALTHCARE" have an academic qualification one level higher than that received by master's students upon completion of their studies: 1 Doctor of Science, 6 Candidates of Science and 2 PhD. The current teacher/master's student ratio is 10/7.

– NJSC “MUK” provides administrative support to graduate students, teaching and management staff through access to the necessary electronic resources through personal accounts (login and password), as well as contacting the rector’s virtual reception (<https://www.qmu.edu.kz/ru/hall>).

Conclusion on compliance with standards for accreditation and recommendations:

Conclusion	5.1 Selection Policy	Fully compliant
	5.2 Duties and Development of Staff	Fully compliant
	5.3 Number and Qualifications of Teaching and Management Staff	Fully compliant
	5.4 Administrative Support	Fully compliant

4.6 Comments on Standard 6 ("EDUCATIONAL RESOURCES AND LEARNING ENVIRONMENT"):

– Analysis of the resource potential of NJSC "MUK" showed that it corresponds to the goals and objectives of educational activities. The following practice/R&D bases were inspected: "National Centre for Occupational Health and Diseases" and "National Centre for Health Development named after S. Kairbekova". Particular attention should be paid to the resource capacity (availability of modern equipment) of the "National Centre for Occupational Health and Diseases", which, in the opinion of experts, meets the needs of master's students in realizing their scientific potential. In order to validate the implementation of the self-assessment report data and obtain evidence of the quality of educational resources, interviews were conducted with master's students. Questions were asked about the satisfaction of master's students with the material and technical base of NJSC "MUK". It was found that, in general, master's students are satisfied with the opportunities provided to them, in terms of equipment.

– NJSC “MUK” is the first Kazakhstani university with 64 virtual servers, 14 physical servers and a data processing centre with a total capacity of 193 TB. In all educational buildings and dormitories of MUK, all students are provided with Wi-Fi Internet access. The incoming Internet speed is 100 Mbit/sec.

– The Platon system operating in NJSC “MUK” provides students with access to educational and methodological complexes, as well as to personal information about current and final academic performance online, and the current educational platform Moodle allows you to create training courses, post assignments and maintain feedback with students.

– **Libraries** are actively operating, with a total area of – 1497.9 sq.m., a book storage area of – 879.2 sq.m. and the number of seats in the reading room of 443 seats. The **library** structure includes: acquisition and bibliography unit, scientific and educational literature service unit (consists of scientific literature subscription, two educational literature subscriptions, a reading room and a periodicals room, an electronic resources room, an interactive room) and an operational printing unit. The total book collection of the university **library** as of the beginning of 2024 is 455,599 copies. Master's students and teachers are provided with access to the following databases (Appendix 6.5): Cochrane Library, Web of Science, Scopus Elsevier, ScienceDirect, Aknurpress, SpringerLink, etc.

Conclusion on compliance with standards for accreditation and recommendations:

Conclusion	6.1 Learning Environment	Fully compliant
	6.2 Information Technology	Fully compliant

4.7 Comments to Standard 7 ("MONITORING AND EVALUATION OF THE EDUCATIONAL PROGRAMME"):

– Monitoring of the educational programme 7M10119 "Public Healthcare" in NJSC "MUK" is aimed at ensuring the quality of the educational process, identifying areas requiring intervention and making adjustments to improve the content. The procedure for monitoring and evaluating the educational programme and learning outcomes, progress and academic performance of students are regulated by the "Regulations on the management of the educational programme in NJSC "MUK", approved on September 9, 2020. The educational programme undergoes quality monitoring at least once every 3 years.

– Evaluation of satisfaction with the quality of the implementation of the educational programme of the master's degree is carried out by NJSC "MUK" regularly in the form of a survey of all participants in the process (faculty, master's students) and other stakeholders (employers). Master's students have the opportunity to verbally/written address the dean and/or supervising vice-rector on various issues, as well as on the rector's and dean's blog on the website. According to the results of a survey of the dean of the School of Public Health, it was found that the opinion of master's students (feedback analysis) often influences the assessment of individual fragments of the educational process.

– NJSC "MUK" conducts regular monitoring of the activities of master's students and graduates of the master's program and uses the results of the analysis to provide feedback to the departments responsible for the development and modernization of the EP, curricula, etc. According to the survey, all graduates of the master's program are employed and work in various medical organizations of the Republic of Kazakhstan.

Conclusion on compliance with standards for accreditation and recommendations:

Conclusion	7.1 Mechanisms for monitoring and evaluating the programme	Fully compliant
	7.2 Feedback from teachers and graduate students	Fully compliant
	7.2 Activities of graduate students and alumni	Fully compliant

4.8 Comments to Standard 8 ("MANAGEMENT AND ADMINISTRATION"):

– Management.

The management of the educational programme 7M10119 "Public Healthcare" of NJSC "MUK" is determined by the developed Management Structure, which was presented during the expert visit.

The educational programme is managed in accordance with the "Regulations on the Management of the Educational programme" and the "Regulations on the Master's Degree".

The EP is managed using the following components:

1) Strategic management; 2) organizational management; 3) operational management.

Strategic management of the educational programme is carried out by:

- 1) Board of Directors;
- 2) Management Board;
- 3) University Senate;
- 4) School Council;

- 5) Quality Assurance Commission;
- 6) Compliance Office;
- 7) Department of Strategic Development and Quality Management.

During the expert visit, meetings were held with the vice-rectors, the dean of the school of public health, the quality assurance committee, and representatives of the university senate.

The main educational, scientific, and administrative structural unit responsible for the implementation of the EP 7M10119 "Public Healthcare", as well as the management of all types of activities of the departments implementing the training of students in the EP 7M10119 "Public Healthcare" is the school of public health. The general management of the school is carried out by the dean.

A positive aspect is that a second-year master's student is a member of the university senate.
– Academic leadership.

The operational management of the educational programme is carried out by the dean of the school. The head of the EP, module coordinators, heads of departments, and teachers are responsible for the development, updating, and changes to the EP. Also, heads of departments, heads of educational programmes and Academic staff are directly responsible for the organization and effectiveness of current monitoring of academic performance and midterm assessment in disciplines, provide consultations and administer exams in the profile of the academic discipline in accordance with the academic calendar and exam schedule.

The head of the educational programme and the working group develop and submit the educational programme for approval. The educational programme is developed in accordance with the "Regulations on the management of the educational programme" in NJSC "MUK".

Transparency of the management and decision-making system is ensured by the participation of teaching staff, employees, students, and other interested parties in the discussion and decision-making, which is indicated in the minutes of the meetings of advisory bodies with subsequent dissemination to all university employees, posting on the official website or corporate portal of the university. This information was confirmed during conversations during the visit of the expert commission. Transparency of the management and decision-making system is enshrined in the document "Code of Academic Integrity".

The educational organization evaluates the management of the educational process and employees in relation to the achievement of the mission of the master's program, the expected final learning outcomes by providing feedback to master's students, teachers, and employers. During the conversation, it was found that the school's management pays special attention to the feedback of the chairmen of the state final commission when defending a master's thesis.

– Budget for training and resource allocation.

The unit responsible for planning and distributing finances in master's programs is the Department of Economics and Finance; its functions are specified in more detail in the "Regulations on the Department of Economics and Finance dated April 28, 2021".

Every year, the educational organization draws up a financial plan, including a target budget for training, expenses for educational activities, expenses for scientific activities, expenses for clinical activities, infrastructure maintenance, human resources development and administrative expenses.

– Administration and management.

There is an appropriate administrative (3 people) and teaching (10 people) staff, including the management: the dean of the school of public health and the head of the program. The number of teaching staff teaching subjects within the Public Health program for 2022/2023 is 10 people, with a ratio of 4:1 full-time and part-time workers, respectively, the average age is 61 years old, 100% of the total staff for this program has an academic degree. This number and quality of teaching staff fully meets the needs for the implementation of the Public Health program.

The program manager is a specialist of the appropriate level with many years of experience. Experts in the field of public health with practical and academic experience were involved in the process of creating and evaluating the programme.

Quality assurance committee ensures quality assessment at the level of the educational programme. In order to control and improve the quality of the EP, the following are carried out:

- 1) Internal quality assessment procedures (internal audit);
- 2) External quality assessment procedures.

Experts have established that the quality management system includes regular internal and external audits, including those providing the Master's programme "Public Healthcare". There is a work plan for the quality assurance commission. Teachers are aware of the commission's work plans, which are confirmed during their interviews.

– Requirements and regulations.

The educational organization complies with the recommendations of national authorized bodies, including the Ministry of Science and Higher Education of the Republic of Kazakhstan and the Ministry of Health of the Republic of Kazakhstan. Thus, in accordance with the classifier of residency specialties (On approval of the Classifier of areas of training personnel with higher and postgraduate education; Order of the Minister of Education and Science of the Republic of Kazakhstan dated October 13, 2018 No. 569).

The management and organization of EP 7M10119 "PUBLIC HEALTHCARE" is also carried out on the basis of internal documents of the university, namely: the development program of the non-profit joint-stock company "Medical University of Karaganda" for 2024 - 2028, the operational development plan for the implementation of the mission, goals and objectives of the university and a number of other documents.

Conclusion on compliance with standards for accreditation and recommendations:

Conclusion	8.1 Management (supervising vice-rector's office)	Fully compliant
	8.2 Programme Director (Dean's office)	Fully compliant
	8.3 Academic Management (Department)	Fully compliant
	8.4 Programme Management	Fully compliant
	8.5 Budget for training and resource allocation	Fully compliant
	8.6 Administration	Fully compliant
	8.7 Requirements and legal documentation	Fully compliant
	8.8 Review and approval process	Fully compliant
	8.9 Funding	Fully compliant
	8.10 Financial management and integrity	Fully compliant
	8.11 Programme information	Fully compliant

4.9 Comments to Standard 9 ("CONTINUOUS RENEWAL"):

– The system for introducing changes to educational programmes (including EP 7M10119 "Public Healthcare") is regulated in the "Regulations on the Management of the Educational programme". There is also a scheme for introducing changes - "Map of the EP Updating Process".

– All measurable indicators and characteristics of the quality of the university's work are divided into external and internal quality indicators used to manage processes and indicators

obtained after external examination (accreditation, certification, licensing, audit, and other external procedures). Evaluation of the quality of the activities of schools / faculty, departments, structural divisions of NAO "MUK" is carried out on the basis of annual reports, internal audit, process monitoring, analysis of the effectiveness of the quality management system by senior management, the results of internal (internal audit) and external assessment of activities (external audit, financial audit, etc.). Based on the results of the report, post-monitoring is carried out to eliminate deficiencies and correct errors in the provided materials.

– The basis for updating the EP is: 1) the results of the EP quality assessment; 2) objective changes in the conditions for the implementation of the EP (change in LSI). The program was last updated in 2023: the list of disciplines at students' discretion was expanded.

– NJSC "MUK" has a sufficient material and technical base that ensures high-quality implementation of educational programmes. Evidence of the continuous improvement and enhancement of the material and technical base of NJSC "MUK" is the use of updated resources of educational and scientific and research laboratories in the educational and scientific processes; annual replenishment of the library's book collection in Kazakh, Russian and English; introduction of innovative, information and communication technologies.

– For the targeted improvement of the educational process, sociological research is conducted, including data from sociological surveys of students, employers, graduates of the educational programme "public healthcare". Students' opinions are taken into account when drawing up the schedule. Thus, during the conversation with students, it was established that the master's students contacted the dean's office with a request to move classes to the morning hours, since some of the students work. This request was granted.

– During this analysis, approaches to teaching in the master's program were revised, and methods such as Research-based-learning (RBL), Cased-based-learning (CBL) were introduced.

– However, during the conversation with master's students, faculty and employers, it was established that there is no clear understanding of the sequence of actions when updating the EP and updating it. The map of the EP updating process is quite difficult to understand. In this regard, it was proposed to detail the mechanisms for periodic revision of the EP.

Conclusion on compliance with standards for accreditation and recommendations:

Conclusion	The medical education organization should:	9.1 To initiate procedures for regular review, updating of the structure and functions of the programme.	Fully compliant
		9.2 To have a system for correcting deficiencies in existing documents.	Partially compliant
		9.3 To base the updating process on the results of the evaluation of the educational programme and a wide range of changes in knowledge, theory and practice in the field of education, where necessary.	Fully compliant
		9.4 To invest resources for continuous improvement.	Fully compliant
Recommendations	It is recommended to detail the mechanisms for reviewing the implemented educational programme.		

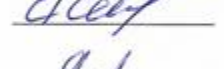
5. Recommendations for improving the educational programme of the master's degree 7M10119 "Public Healthcare":

- 1) To develop a separate regulation or revise the current regulations on the practice of master's students, where the possibility and procedure for practice at existing bases is approved (2.5).

- 2) It is recommended to conduct a marketing analysis of the market of potential applicants. To assess the possibility of attracting potential applicants to extra-budgetary places (4.2).
- 3) It is recommended to detail the mechanisms for revising the educational programme being implemented (9.2).

6. Recommendation to the ECAQA Accreditation Council

The members of the EEC came to a unanimous opinion to recommend that the ECAQA Accreditation Council to accredit the educational programme **7M10119 "Public Healthcare" of the NJSC "Medical University of Karaganda"** for a period of 5 years.

	Full name	Signature
Chairman	Zhanalina Bakhyt Sekerbekovna	
International Expert	Nasyrov Ruslan Abdullaevich	
International Expert	Troinich Yana Nikolaevna	
Academic Expert	Zhumalina Akmaral Kanashevna	
Academic Expert	Madyarov Valentin Manarbekovich	
Academic Expert	Nugmanova Aigul Maratovna	
Academic Expert	Apbasova Saulesh Akhatovna	
Academic Expert	Yesetova Gulstan Utegenovna	
Academic Expert	Sadykova Ainur Maralovna	
Academic Expert	Tuksanbaeva Gulfariza Usenbaevna	
Academic Expert	Iztleuov Yerbolat Maratovich	
Academic Expert	Pak Laura Alekseevna	
Academic Expert	Kamhen Vitaly Bronislavovich	
Employer Expert	Daniyarova Bayan Lashinovna	
Student Expert	Dyusembek Nazira Askerbekkyzy	

**Профиль качества и критерии внешней оценки образовательной программы 7М10119
«ОБЩЕСТВЕННОЕ ЗДРАВООХРАНЕНИЕ» (обобщение)**

Стандарт	Критерии оценки	Количество стандартов	БС*/СУ	Оценка		
				Fully compliant	Partially compliant	Не соответствует
1.	МИССИЯ И КОНЕЧНЫЕ РЕЗУЛЬТАТЫ	5	5/0	5	-	-
2.	ОБРАЗОВАТЕЛЬНАЯ ПРОГРАММА	21	19/2	20	1	-
3.	ОЦЕНКА РЕЗИДЕНТОВ	10	10/0	10	-	-
4.	РЕЗИДЕНТЫ	12	12/0	12	-	-
5.	АКАДЕМИЧЕСКИЙ ШТАТ/ПРЕПОДАВАТЕЛИ	7	7/0	7	-	-
6.	ОБРАЗОВАТЕЛЬНЫЕ РЕСУРСЫ	4	4/0	4	-	-
7.	ОЦЕНКА ОБРАЗОВАТЕЛЬНОЙ ПРОГРАММЫ	8	8/0	8	-	-
8.	УПРАВЛЕНИЕ И АДМИНИСТРИРОВАНИЕ	19	19/0	19	-	-
9.	НЕПРЕРЫВНОЕ УЛУЧШЕНИЕ	4	4/0	3	1	-
		90	88/2	88	2	-

Список документов, изученных членами ВЭК в рамках проведения внешней оценки образовательной программы резидентуры

- Приложение 1.1 Положение о магистратуре.
Приложение 1.2 ОП 7М1О119 Общественное здравоохранение русс.
Приложение 1.3 Кодекс деловой этики НАО "МУК"
Приложение 1.4 Кодекс академической честности НАО "МУК".
Приложение 1.5 Устав НАО "МУК"
Приложение 1.6 РУП ОП 7М1О119 Общественное здравоохранение
Приложение 1.7 Каталог элективных дисциплин.
Приложение 1.8 Академическая политика - 4 Образовательная программа.
Приложение 1.9 Положение об управлении образовательной программой в НАО "МУК"
Приложение 1.10 Выписка из протокола №8 от 9.04.2019
Приложение 1.11 Выписка из протокола №1 от 17 сентября 2019
Приложение 1.12 Выписка из протокола №3 от 1.09.2020
Приложение 1.13 Состав КОКШ 03 2023-2024.
Приложение 2.1 Правила рейтинговой системы оценки успеваемости обучающегося.
Приложение 2.2 Проведение промежуточной аттестации.
Приложение 2.3 Положение о локальной комиссии по Биоэтике.
Приложение 2.4 Положение о подготовке дипломных работ, магистерских и докторских диссертаций
Приложение 2.5 Программа развития НАО "МУК".
Приложение 2.6 РУП 4 ОЗ бакалавриат
Приложение 2.7 Выписка №2 удов работодателей.
Приложение 2.8 Выписка №2 удов обучающихся.
Приложение 3. Оценочный чек-лист результатов защиты маг. дисс
Приложение 4.1 Положение об организации академической мобильности.
Приложение 4.2 Кодекс академической честности.
Приложение 4.3. АП 7-9. Правила присуждения вакантных грантов.
Приложение 4.4. Инклюзивное образование
Приложение 4.5. Положение об инклюзив. образовании.
Приложение 4.6 Положение о психолого-пед сопр инкл обр
Приложение 4.7 Зачисление в магистр.
Приложение 4.8 Положение о школе.
Приложение 4.9. Приказ ВНК Проф среда 2019.
Приложение 4.10 Конференции.
Приложение 4.11 Стажировки.
Приложение 4.12 Справки о трудоустройстве.
Приложение 5.1 Кадровая политика
Приложение 5.2 Правила замещения вакантных должн.
Приложение 5.3 Политика в области обеспечения качества образовательного процесса.
Приложение 5.4 Планирование и учет работы ППС
Приложение 5.5 Правила приема сотрудников.
Приложение 5.6 Положение о повышении квалификации.
Приложение 5.7 ДИ профессора.
Приложение 5.8 Правила аттестации.
Приложение 5.9 ПП о рейтинге кафедр
Приложение 5.10 ПП об оплате труда
Приложение 5.11 Положение о комиссии для трудоустройства НАО «МУК»

Приложение 5.12 Правила присвоения звания «Лучший преподаватель вуза» НАО
«МУК

Приложение 5.13 Удовлетворенность ППС

Приложение 5.14 Планирование и учет работы ППС

Приложение 5.15 Образовательные ресурсы и поддержка обучающихся

Приложение 6.1 Планирование и обеспечение образовательных ресурсов

Приложение 6.2. Правила безопасности и охраны труда пожарной безопасности

Приложение 6.3. Положение о штабе гражданской обороны и чрезвычайных ситуаций.

Приложение 6.4. Положение о магистратуре

Приложение 6.5 Базы данных библиотеки.

Приложение 7.1 Организация подготовки к аккредитации

Приложение 8.1 Структура НАО МУК 2023_сентябрь

Приложение 8.2 Положение об упр ОП

Приложение 8.3 ПП ОСРУК

Приложение 8.4 ДИ Проректор по академ

Приложение 8.5 ДИ Проректор по стратег

Приложение 8.6 Положения подразделении.

Приложение 8.7 Должностные инструкции