



«АККРЕДИТЕУ ЖӘНЕ РЕЙТИНГТІҢ
ТӘУЕЛСІЗ АГЕНТТІГІ» КЕМ

НУ «НЕЗАВИСИМОЕ АГЕНТСТВО
АККРЕДИТАЦИИ И РЕЙТИНГА»


INDEPENDENT AGENCY FOR
ACCREDITATION AND RATING

**REPORT
THE RESULTS OF THE EXTERNAL EXPERT COMMITTEE
ASSESSMENT FOR COMPLIANCE
STANDARDS SPECIALIZED ACCREDITATION OF EDUCATIONAL PROGRAMS
SPECIALTY
"6M110100-MEDICINE" AND "6M110200-PUBLIC HEALTH"**

**NAO "Medical University Karaganda"
to 04.16.2019 at 18.04. 2019.**

INDEPENDENT AGENCY FOR ACCREDITATION AND RATING
External expert commission

Addressed to
Accreditation
Council of IAAR



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Karaganda, 2019

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I. List of symbols and abbreviations

NAO "MUK" University, College or - non-profit joint-stock company "Medical University of Karaganda"

PhD - Doctor of Philosophy

SWOT - Strengths, weaknesses, opportunities, threats

AC - Academic Council

AUP - administrative and managerial staff

SES RK - State educational standards of the Republic of Kazakhstan

DAR - Department of academic work

DUHR - Human Resource Management Department

JEM and MS - Department of Strategic Development and International Cooperation

DER - Department of operational work

FTI - individual curriculum

QED - the catalog of elective subjects

LCS - Laboratory of collective use

MOH - Ministry of Health of the Republic of Kazakhstan

The MES - Ministry of Education and Science of the Republic of Kazakhstan

MOS - Modular Education Program

ISO - International Standard ISO

MTB - material and technical base

HOOK - State Examination Board

R & D - research work

NIRD - research work of doctoral

PPA - regulations

CPD - Continuing Professional Development

NEC - scientific expert committee

NES - scientific advisory council

OMNID - Department of Management Science and Innovation

OP - aboutbrazovatel'naya program

Faculty - faculty

RUE - the curriculum

CP - Employers' Council

Tuplyu - model curriculum

EMCD - methodical complex of disciplines

FF - Scientific Council

(II) INTRODUCTION

In accordance with the order of the IAAR number 33-19-OD from 04.05.2019 of the NAO "MUK" the visit of the external expert committee (WEC) from 16 to 18 April 2019. Evaluate relevant university institutional accreditation standards IAAR:

1. chairman of the board - Bayldinova Clara Zhenisovna, MD, PhD, Associate Professor, Kazakh National Medical University named after SD Asfendiyarov (Almaty);

2. foreign expert- Ion Bologan, MD, State University of Medicine and Pharmacy. N. Testemițanu (Kishinev, Moldova);

3. foreign expert - Zhuravel Irina Alexandrovna, Doctor of Chemistry, professor, National Pharmaceutical University (Kharkova, Ukraine);

4. Expert - Turdalieva Botagoz Saitovna, MD, Professor, "Kazakh Medical University of Continuing Education" (Almaty);

5. Expert - Dzhardemalieva Nurzhamal Zhenisovna, MD, PhD, Kazakh National Medical University (Almaty);

6. Expert - Irina V. Baskakov, PhD, Associate Professor, Kazakh National Medical University. SD Asfendiyarov (Almaty);

7. Expert - Ospanov Dinara Almahanovna, dmn, associate professor, "Kazakh Medical University of Continuing Education" (Almaty);

8. Expert - Kurmangaliyev Kairat Bolatovich, MD, PhD, of the NAO "West Kazakhstan Medical University. Marat Ospanova "(Aktobe);

9. Expert - Kulzhanova Sholpan Abdlgazyevna, MD, PhD, of the NAO "Astana Medical University" (Astana);

10. Expert - Zhumalina Akmaral Kanashevna, MD, PhD, of the NAO "West Kazakhstan Medical University. Marat Ospanova "(Aktobe);

11. Expert - Laura Park Alekseevna, PhD, NAO "Medical University of Semey" (Semey);

12. Expert - Amrenova Kuralaj Shaganovna, MD, PhD, of the NAO "Medical University of Semey" (Semey);

13. Expert - Narmanova Oryngul Zhaksybaevna, MD, PhD, of the NAO "Astana Medical University" (Astana);

14. Employer - Bekzatova Gulmira Hakimovna, MSPE "Regional Infectious Diseases Hospital" UZ KO (Karaganda);

15. Employer - Bashirov Tatyana Pavlovna, LLP "The city center PHC" (Karaganda);

16. Student - Aldanysh Zhymazhan Zhymabekuly, NAO "Astana Medical University" (Astana);

17. Student - Asanov Alikhan Altinbekuly, leader of the "Alliance of Students of Kazakhstan" in Karaganda region (Karaganda);

18. The observer from the Agency - Aymurzieva Aygerim Urinbaevna, Head of Medical Projects Agency (Astana).

EEC report contains an assessment of compliance of educational organization criteria IAAR EEC recommendations for further improvement of the university.

III. NAO SUBMISSION "Medical University Karaganda"

NAO "MUK" was created in 1950 on the basis of the Decree of the Kazakh SSR Council of Ministers № 65 from January 20, 1950 "On the Organization of the Karaganda State Medical Institute" in accordance with the decree of the USSR Council of Ministers on December 5, 1949 № 19630-p. Since that time, I began to teaching highly professional team of 11 departments of the medical faculty. The university has developed progressively every year: opened new departments, educational erected Korpusa hostel, a dispensary, a recreational area. In 1959 it was opened hygienic Department (now Department of Preventive Medicine, Biology and Pharmacy), in 1962, organized by the Department of Pediatrics, in 1978 - Faculty of Dentistry. In 1992, the first in Central Asia was established and the third in the CIS medical and biological faculty. In 1992 g.- based Faculty training medico-preventive and clinical disciplines (FPC), and in 1993 - faculty of improvement of pedagogical skills (FPPK). In 2002, the opening of a special "Eastern medicine" and "Pharmacy". In 2013 - "Biology" and "pharmaceutical production technology." In 2019 the university changed its status by the Government Decision on the non-profit corporation "The Medical University of Karaganda".

The quality of education and research infrastructure is provided by 4 educational buildings with classrooms equipped with interactive equipment; scientific library with reading rooms and a hall of electronic library, the foundation of which today is 858 805 copies., Including 372,893 copies. the official language; Research Center and molecular genetic laboratory of collective use; 6 hostels, 57 clinical sites, clinics, student sports camp and recreation areas.

Students and staff are provided with a network of high-speed Wi-Fi, an area covering all academic buildings and university dormitories. NAO "KMC" is first Kazakhstan HEI, wherein the virtual servers 64 are functioning, physical servers 14 and data processing center a total volume of 193 terabytes.

Every student and staff member have a personal corporate Outlook e-mail and personal account to access the university information system (IS SCHOOL), employees have personal access to the corporate portal based on SharePoint for the implementation of electronic document management.

Within the framework of the "State of the Republic of Kazakhstan health care development program" Salamatty Kazakhstan "for 2011-2015" the Ministry of Health in the structure of the research center of the NAO "MUK" in 2012 opened a laboratory of collective use of molecular genetic studies on the North-West region Republic of Kazakhstan.

The NAO "MUK" in accordance with the state license № KZ78LAA00009866 from 08.14.2017, the training is carried out in Kazakh, Russian and English by 54 departments and courses at undergraduate and postgraduate levels of education

Staff of the University is represented by highly qualified teachers, including 62 doctors of sciences, 22 doctors and 222 PhD candidates. Twenty teachers of the University are the correspondents of the National Academy of Sciences, the Academy of Medical Sciences, Academy of Military Sciences, the National Academy of Natural Sciences of the Republic of Kazakhstan, the Russian Academy of Natural Sciences, the International Academy of Informatization, International Eurasian Academy of Sciences.

As part of the integration into the European educational space in the context of the Bologna process 17 September 2010 the NAO "MUK" signed the Great Charter of Universities in Bologna (Italy). In 2011, the director of the medical schools "Avicenna" World Health Organization (World Directory of Medical Schools, WHO).

NAO "MUK" is a member of the Association for Medical Education in Europe (AMEE) Association for the Study of Medical Education in Europe (ASME), the Association of Medical Asia Education (AMEA), Organization for Defending a PhD in the field of biomedicine and health care in the European System (ORPhEUS), Organization on academic mobility of the Pacific and South-East region (UMAP), the European University Association (EUA).

The University carries out international cooperation in the field of medical education, science and practice of medical universities and research centers of the countries of near and far abroad. Partners NAO "MUK" are such universities as: Albany (USA), the University of Poitiers (France), the University of Gothenburg (Sweden), University of Madrid (Spain), Lund University (Sweden), Maastricht University (Netherlands), Leicester University (UK), University of Porto (Portugal), St George's

University of London (UK), Karolinska Institute (Sweden), Masaryk University (Czech Republic), Aristotle University (Greece), National University of Malaysia (Malaysia), and others.

In 2015, the University joined the European University Association and became the first Grantee Erasmus + Capacity Building Project in the field of higher education among the medical universities of Kazakhstan.

The University participates in the implementation of national programs and research in the field of health research projects, international multicenter studies SMART, METALL, UTIAP. Over the past three years increased by 6 times the number of publications in journals indexed in authoritative databases Thomson Reuters and Scopus scientific information. In addition, it sold more than 30 grant funding projects of the Ministry of Education and Science. From 2004 to now been performed more than 50 scientific and technical programs and projects in health and medical education.

Since 2017 the NAO "MUK" - participant of the Eurasian project on introduction of entrepreneurial education in higher educational institutions of Kazakhstan (ERG).

Accreditation Committee for Medical Simulation Training Association of European Education (AMEE) in 2017. He admitted a simulation program of the university and said the award ASPIRE «Excellence simulation-based healthcare education».

The effectiveness of the university supported the commission's report on the evaluation of the university, successful passing of specialized accreditation.

The percentage of employment of graduates each year remains high (97%), which undoubtedly indicates the recognition, relevance and competitiveness of our specialists on the labor market.

IV. ANALYSIS REPORT ON THE SPECIALIZED SELF-EVALUATION

Report self-assessment of the specialized accreditation of educational programs of magistracy criteria on specialties 6M110100 "Medicine" and 6M110200 "Public zhdavoohranenie" NAO MUK presented on 77 pages of them on 5 This is the application of the relevant standards.

The report includes a description of the standards and the application of the relevant standards. To the report of the University accompanied by a statement of the authorized person Bekturganova ZZ, confirming the authenticity of the information and data contained in the report and a list of members of the internal commission on self-assessment by the specialized accreditation of educational programs of magistracy criteria on specialties 6M110100 "Medicine" and 6M110200 "Public zhdavoohranenie" , information about the responsible person for the self-assessment of educational programs.

Working group on preparation of the report, the NAO MUK team during the period of self-evaluation has been done some work: to gather the necessary information in accordance with the standards on specialties 6M110100 "Medicine" accreditation of educational programs and graduate 6M110200 "Public zhdavoohranenie"; a thorough analysis of the materials, their content is reflected in the report. The content of the self-assessment report dedicated educational accreditation by function criteria master program is structured in accordance with Standard specialized accreditation of medical schools and includes a description of strengths, areas for improvement for each standard.

V. DESCRIPTION VISIT WEC

EEC work was carried out on the basis of the Program of the visit of the expert committee of the specialized accreditation of educational programs in the NAO "MUK" in the periods 16 to 18 April 2019.

To obtain objective information about the quality of the organization of education, development of the university and the entire infrastructure of the NAO "MUK" clarify the content of the self-assessment report, meetings were held: the rector, vice-rectors, heads of departments, deans of schools with teaching staff, learners, graduates and employers. In total, the meeting was attended by 239 people (Table 1).

Table 1 - Information on the number and categories of interlocutors

<i>Category members</i>	<i>amount</i>
rector	one
Vice-Rector	five
deans	7
Heads of departments	15
heads of departments	9
teachers of the department	78
residents	15
Graduates	96
employers	13
Total	239

During a visual inspection of the university deans visited WEC, a research center, a computer center, an assembly hall, a library, a sports hall, Department of academic work, the Registrar's Office, Student Services Center, Center of practical skills.

In the second day of the EEC visited the department, providing training at the undergraduate level, internship, graduate, residency at clinical sites, own clinic. During the meeting held with the main PPP representatives of clinics.

VI. STANDARDS SPECIALIZED accreditation of educational programs 6M110100 MEDICINE

Standard 1: "The mission and the final results."

on special missions of education graduate programs 6M110100 «Medicine» and 6M110200 "Public health" is to train professionals to meet the requirements of the national health system and international standards, through the introduction of innovation in education, science and practice. Introduction of innovative technologies in the educational process and scientific-research work in the master's degree, is one of the priorities of the Strategic development plan of the university. The university approved internal document "Regulations on the master in the NAO suffering."

Infrastructure and educational and material base of the university meet the mission, goals and objectives of the institution and allow for the training of health professionals in accordance with modern requirements. Content, size and sequence of the function course of the educational program "Medicine", and "Public Health" correspond strictly to the formation of standards, the university has the ability to independently form the component of choice. Faculty and administrative structure of the university have a high degree of academic freedom in the formulation and implementation of the OP field. The main property of the university - faculty in demand today and is a valuable forte University.

The university regularly updated material and technical base (MTB), including the equipment of educational and scientific laboratories, the library collection, the university infrastructure.

The results of research published in prestigious publications on the regional and international levels, including those with an impact factor, are presented at various scientific forums, including those held at the international level, documented in the form of intellectual property that enables the integration of Russian science in the international Research area.

Outcome evaluation conducted by analysis of both quantitative and qualitative indicators of teaching and learning outcomes to determine how fulfilled the aims and objectives of educational programs and encouraging improvement of quality of education. Evaluation of teachers affects the activities, the effectiveness of institutional practices and / or function of the individual departments, university departments or programs.

Strengths:

- Orientation of the educational process on formation of professional responsibility, commitment to continuous self-improvement and continuous professional development.
- Qualified personnel structure to provide educational and medical work.
- The widespread use of innovative technology in the learning process.

conclusion: comments on Standard 1 is not present, there is a correspondence specialized accreditation criteria.

Areas for improvement are:

- must be update a strategic plan for the development of educational master program corresponding to the stated mission of the NAO MUK.

Standard 2. "Scientific research environment and educational resources"

NAA has sufficient MUK educational resources and material and technical base for teachers and students, allowing to provide high-quality implementation graduate educational programs on specialties 6M110100 "Medicine" and 6M110200 "Public Health". The total area of the NAO "MUK" is 73 438.9 sq.m. Own educational resources are located in the seven academic buildings, an area of 29,160.6 square meters, and an annexe, area 3037.9 square meters, which includes: 20 lecture rooms, 275 classrooms, 17 computer classrooms connected to the Internet; training laboratories (biochemical, microbiological and others), University Hospital NAO MUK, practical skills center with total area of 1,300.6 m². The total area of the library - 1413 sq.m., book storage area - 879.2 sq.m. The number of seats in the reading room of 443 seats, sports facilities NAO "MUK" with a total area 2012,5m². To stay has enrolled for 6 dormitories 2544 beds, an area of 30 m² 162.9. There are two rest zones area 3430.3 m². In the academic buildings provide space for leisure activities: Assembly Hall,

For self-learners have the opportunity to use the information resources of the library and educational resources of the Internet, MOODLE, Share Point, student portal, CPS.

To ensure the quality of research The University has developed scientific infrastructure, which includes research divisions and units that provide management, methodological support and support of research. Developed scientific directions correspond to the profile of training in medical school, contribute to the solution of basic medical and biological and applied medical science. The share of income from research activities in 2016 amounted to - 7.46%, in 2017 - 8.7% and in 2018 - 7.0% of the total university budget.

Research activities of the NAO "MUK" is carried out on the basis of a certificate of accreditation as the subject of scientific and (or) scientific and technical activities "Karaganda State Medical University," MK № 004980 issued 06.09.2017, the MES RK.

The NAO "MUK" has a student services center (DSP), where undergraduates as students can get various kinds of certificates, approvals for training missed classes and much more. In addition to the above, on the basis of the NAO "MUK" has an office-registrar, a medical center, a dining room (dining "fairness"), laboratories, research and development center (for more information, see paragraph 3.2.1.)

According to the requirements of OP each graduate student is trained in a foreign university with access to research laboratories. Monitoring the implementation of research and thesis work carried out by giving the SEC report, signed by the head.

One of the prerequisites of the educational activities of the university is to provide college information resources.

In the university there is a student portal (sp.kgmu.kz), which contains all training materials, provides information on class schedules, academic calendar, schedule of sessions, etc.. AIS Plato allows exams to obtain information on academic achievement, and so on. d. MOODLE platform is designed for distance education.

Shared Library University Foundation for 01.01.2019, amounts to 607 315/87 052 (copies / names) and complies with the security literature.

Strengths:

- The presence of strategic partner universities in the framework of the project of the World Bank with a strategic partner, the University of Lund, Sweden

- The presence of the NAO MUK SIC, educational laboratories and centers, equipped with modern equipment, with a tolerance of undergraduates to work on a research theme

conclusion: comments on the Standard 2 No, there is a correspondence specialized accreditation criteria.

Areas for improvement are:

- Consider the implementation of joint master programs being awarded degrees from both universities and joint management to support cooperation between higher education institutions.
- It is necessary to attract external funding for research in the field of OZ.

Standard 3. "The policy and criteria for admission"

The Master's degree in 6M110100 "Medicine" and 6M110200 "Public health" granted to persons who have mastered professional training programs of higher education in relevant specialties. Education in the master's degree is carried out by the state educational order and on a paid basis. Reception of the magistracy is carried out on a competitive basis according to the results of entrance examinations. selection and admission policies fully comply with applicable laws and regulatory legal acts. Program entrance examinations to magistracy are developed based on the model in the disciplines of undergraduate programs and approved by CSS NAO MUK. The priority in the competition for the selection of the magistracy are the results of specialized knowledge and foreign language.

The university authority responsible for the selection and admission policy is a graduate dean's office and its powers are: the definition of public order, ad placement, organization, determination of the procedure and conduct of entrance examinations.

Topics of Master theses that offer undergraduates based on their research correspond to the current flow of science and industrial needs of modern society. Research work function corresponds to the main problems, which is protected by Master's thesis, is performed using advanced information technology, is based on the achievements of modern science, includes sections on the main protective position.

The NAO MUK a system study of employment, demand, career support and continuing professional development of graduates. Interaction with graduates and employers is carried out directly in the course of their work at the departments of KMC and the process of their learning PhD - doctoral studies, as these are the main areas where they continue their development Master's graduates of the specialty "Medicine" and "public health".

The educational program is conducted regular reviews of its implementation, and the results verified the target depending on the changing conditions of the environment and the labor market. Education in the NAO MUK provides a high level of quality of education graduate graduates with the appropriate basis for a career in any field of clinical medicine and research or teaching activities prepared for further post-graduate education, including doctoral studies PhD.

Thus, we can say that a graduate master's NAO MUK is a fundamental scientific and professional training has a modern information technology, is able to formulate and solve modern scientific and practical problems, plan and conduct experimental research / research and development in their chosen scientific specialty, teaching in high schools, successfully carries out research and administrative activities.

Strengths:

- The University has sufficient material and technical base.
- Qualitative selection of undergraduates.
- Ensuring undergraduates choice of individual learning paths.

conclusion: 3 comments on Standard No, there is a correspondence specialized accreditation criteria.

Standard 4. "graduate program"

The NAO MUK model educational programs for master's specialties 6M110100 "Medicine" and 6M110200 "Public Health" is based on an interdisciplinary communication and competence-oriented approach with the use of modular training techniques based on learning outcomes. Training in a magistracy is carried out in two directions: the profile (the period of 1-1.5 years) and science teachers (duration 2 years). A graduate of the scientific and pedagogical direction has the right to teach at the university. An integral part of the educational programs in the master are in profile - experimental and research work. in research and teaching - research work. NAO MUK ensure regular updating of processes and restructuring of graduate programs.

The main purpose of the educational program of the NAO MUK is to prepare a master with the level of knowledge and skills in accordance with the mission of the institution, the requirements of the state obligatory standards of postgraduate education, developed sphere of competence of a student NAO MUK and approved at the meeting of the Academic Council (CS №9 Minutes of 29.04.2010).

MUK NAO ensures that the educational graduate programs are designed to meet labor market needs, and the content of educational master's program meets the requirements of SES and the model curriculum and relevant specialty. All educational programs are based on the state compulsory standards of graduate medical specialties.

Graduate student is trained on the basis of individual work plan, which is prepared under the guidance of the supervisor for the entire period of study.

disciplines basic cycle (hereinafter - DB) consists of disciplines essential component and optionally component. The master and scientific disciplines pedagogical direction DB volume cycle is 48% of the total subjects model curriculum, of which 60% is given on a mandatory component of discipline and 40% - in the discipline of choice component. The master profile direction the volume of disciplines DB cycle is 44% (with duration of 1 year) and 28% (with a training period of 1.5 years) of the total subjects.

Passage of research practice and research work of a student is an essential part of learning independence. Professional practice of undergraduates is carried out according to the approved academic calendar and the individual plan of work of a student in the amount prescribed by the Standard and tuplyu the specialty. Evaluation of educational programs held at a meeting of the department with the assistance of scientific consultants and masters. Certain questions on the implementation of OP submitted for discussion at the meeting of the AK.

A compulsory component OP is to protect the master's thesis for an academic master's degree. All research masters are ethical committee.

Strengths:

- Susceptibility and responsiveness of educational programs to the needs of society and the labor market.
- The presence of the NAO MUK SIC, educational laboratories and centers, equipped with modern equipment, with a tolerance of undergraduates to work on a research theme.
- Opportunity for undergraduates to perform part of their research in the far and near abroad (Vietnam, Portugal, Hungary, Sweden, Turkey, Russia) in international internships.
- Innovative experience in the use of modern technologies in the implementation of educational programs.

conclusion: comments on Standard 4 No, there is a correspondence specialized accreditation criteria.

Areas for improvement are:

- To provide continuing access to the results of the evaluation of the educational program to all interested parties.

Standard 5. "Scientific management".

In accordance with the Regulations on postgraduate education (master's degree), approved at a meeting of the Academic Council of the NAO MUK (dated January 25, 2018.) To provide scientific and

methodological assistance while working on his thesis, control over the execution of the work, each of undergraduates specialties 6M110100 "Medicine" and 6M110200 "Public Health" after enrollment (within 2 months) appointed a scientific management.

Science undergraduates administered by the supervisors, soorukovoditelyami have a degree and are actively engaged in research in the field of science (majoring undergraduates training).

Topics theses, supervisors, co-directors and scientific advisors undergraduates majoring 6M110100 "Medicine" and 6M110200 "Public Health" are considered at meetings of the relevant departments, the Scientific Expert Commission (NEC) NAO MUK-led Strategic Development Vice-Rector, science and international cooperation and approved by the Academic Council.

The NAO MUK students plan their educational trajectory (individual curriculum) by means of the supervisor on the basis of the catalog of elective disciplines and represented the Department of appropriate teaching methods and the curriculum.

Scientific leader creates the conditions for successful implementation of tasks, carries out a systematic control on the implementation stages of the research, discusses the results, making adjustments and assists in individual stages of the thesis. This allows the supervisor significantly intensify the process of assimilation masters theoretical knowledge with their implementation in the performance of scientific work through a student-centered approach, ie possible approaches learning process to the needs of the practice.

Strengths:

- The presence of high intellectual scientific potential, capable to carry out scientific management graduate dissertation research in the various priority areas of medicine.
- Participation PPP NAO MUK in international competitions, conferences postgraduate education with the presence of publications and evidence of intellectual property on medical education in the magistracy in the Russian and English languages.

conclusion: Standard 5 as a whole meets the requirements of specialized accreditation, there are no comments.

Standard 6. "Thesis".

The procedure for approval of the scientific graduate theses on specialties 6M110100 "Medicine" and 6M110200 "Public health" and their supervisors is carried out in accordance with Regulations on postgraduate education (master's degree) NAO MUK. Topics theses, supervisors, co-directors and scientific advisors graduate students are considered at meetings of relevant departments, the Scientific Expert Commission (NEC) NAO MUK led by the pro-rector for strategic development, science and international cooperation and approved by the Academic Council

When assessing the planned topics of research attention is drawn to the study and the availability of relevant, scientific novelty, the practical significance of the work, the goals and objectives of the study, materials and methods of research. The content of master's works, prepared by the field of "Medicine" and "public health" in the NAO MUK relevant problems stated directions and satisfies requirements to the thesis. Theses presented to the defense, contain evidence-based results to solve important scientific problems, as evidenced by the level of publications in peer-reviewed journals, the presence of security documents from undergraduates for performance, the results of the examination at the stage of overcurrent protection and presentation of the work to defend in the Dissertation Council . Information on the practical use of scientific results obtained by the author, confirmed by patents and patent applications. The results of theses contain experimental data that are important for the development of medical science.

Master's thesis, as the final stage of preparation of the second stage of the graduate university education, graduate demonstrates maturity as a scientist capable of creatively formulate and solve theoretical and practical problems of the chosen specialty and specialization. Graduate student, who introduced the protection of master's thesis, is an author and is solely responsible for its content.

All graduate students, studying in the NAO MUK participate in national and international scientific conferences. Have supporting documents in the form of certificates of participants and publications.

Strengths:

- The active participation of undergraduates in scientific conferences, various training activities to produce the relevant certificates both in Kazakhstan and in the countries of near and far abroad.
- The passage of scientific training in leading foreign universities to carry out research on the topic.

conclusion: Standard 6 as a whole meets the requirements of specialized accreditation, there are no comments.

Standard 7. "Evaluation of theses".

The Regulations on postgraduate education (master's degree) MUK NAO identified and approved principles, methods and practices used for graduate assessment, including criteria for evaluating scientific work. The NAO MUK designed performance monitoring system and the achievements of undergraduates. In the departments discussed current and final performance, which is reflected in the annual reports of departments, conducted monthly certification. The results are discussed at the session of the Academic Council meetings, progress and translation from one year to another are considered at meetings of the Academic Council and Rector, report annually to the CSS NAO MUK. The progress of the master's theses supervised scientific adviser, discussed at faculty meetings, NEC, CS faculty and university. Testing of master's theses are held at the enlarged meeting graduating departments and NEC.

Mandatory interim certification form when assessing the performance of undergraduates is a test, and the final - a comprehensive exam. Final certification of masters is conducted within the time stipulated academic calendar and curriculum of the specialty in the form of delivery of complex examination, but not later than one (1) month before the defense of thesis.

To evaluate the research activities of a student being assessed master's thesis, which includes reviewing the thesis and dissertation defense. Reviewed scientific papers submitted to the defense held on the stage of the overcurrent protection in the NEC internal reviewer, and on the protection phase - external, from among persons having a degree in this or a related specialty, working in the organization.

Master's thesis necessarily being tested for borrowing subject without reference to the author and the source of borrowing in accordance with state educational standards for postgraduate Master's "Anti-plagiarism" system.

To protect allowed dissertation work, which meets the requirements set forth in the state and in the presence of a published article on the topic of the dissertation or conference presentations.

Undergraduates, mastered educational programs of postgraduate education and passed the final certification, awarded the academic degree of "Master" and issued a state diploma with the application.

Decisions on protection of master's thesis assessment, as well as the award of the academic degree of the SJC adopted an open vote by simple majority of votes of the members participating in the meeting.

Strengths:

- The university provides undergraduates the possibility of a qualitative research.
- Satisfactory scientific advances masters by function 6M110100 "Medicine" and 6M110200 "Public Health" (published in journals and abroad, etc.).
- High demand for graduates of master's NAO MUK.

conclusion: Standard 7 as a whole meets the requirements of specialized accreditation, there are no comments.

Standard 8 "Management and Administration"

The NAO MUK undergraduates constantly interact with the management on the design, management and evaluation of graduate programs, which is reflected through the mechanism of drawing up individual education plans of students in the choice of elective subjects, discussion of QED, patent search, scientific training planning. The main unit of the university, responsible for the organization of educational process in the master, is the Dean's Office School of Medicine.

To provide opportunities for students to participate in the discussion of the problems of training and make proposals for the implementation of OP, the improvement of the learning environment on the official website has a blog of the rector, the electronic corporate email, regular meetings of students with the rector and vice-rectors.

Undergraduates are involved in the development of OP through discussion at meetings of AA and at general meetings of the school. Annually SWOT - analysis, which compares the strengths and weaknesses and to develop proposals for improving the OP development process for the preparation of undergraduates.

Teachers NAO MUK involved in the educational process in the master regularly attend training courses teaching competencies, organized in the NAO MUK. Teachers are also involved in the work carried out on the basis of the NAO MUK conferences, the scientific and methodical seminars NAO MUK. Some of the material to improve the educational qualifications are also available on the corporate website PPP section TSTIT (Center for Transfer of innovative technologies) documents.

Structural units responsible for OP in the formation and modification of OP analyze satisfaction of stakeholders, including employers, as the training of graduates graduate. This takes into account the specifics of potential employers organizations undergraduates.

So, Master's graduates can be employed in the department and in scientific laboratories NAO MUK as teachers and researchers, so the theoretical part of the OP includes the components forming the competence of researchers and teachers.

Evaluation of satisfaction with the quality of an educational institution graduate programs conducted regularly in the form of survey (survey) of all participants in the process (PPP undergraduates) and other stakeholders (employers). feedback analysis opinion masters often affect the measurement of specific fragments of the educational process. Feedback from employers NAO MUK gets a feedback on graduates, as well as the committee members - representatives of the practice in the conduct of final state certification (chairmen reports SJC). Periodically university processes are subjected to planned audits within the framework of the quality management system (QMS) that operates the service of internal audit of the University.

NAO MUK is in close cooperation with the health sector in their region of Kazakhstan. The strategic plan of the university, and practical health care consistent with the core program of Health of Kazakhstan development.

Strengths:

- Efficient interaction of the basic structural units (participants of the educational program of magistracy) horizontally and vertically.
- The possibility of using the results obtained from the feedback masters for improving educational programs specialty.
- Extensive cooperation with partners in the health sector.

conclusion: 8 standard meets the criteria for specialized accreditation, there are no comments.

Standard 9 "Continuous Improvement"

NAO "MUK" as an institution that is ready and open for change holds a professional strategic analysis of changes in its internal and external environment (requirements and stakeholder expectations) and develops approaches to improve and perfect the activities of the university. The university planned and implemented the monitoring, measurement, analysis and improvement processes needed to demonstrate conformity to the requirements of the Republic of Kazakhstan legislative framework,

requirements and expectations of stakeholders on the quality of education, the quality of knowledge of graduates.

University Mission adapted to the socio-economic, scientific and cultural development of society, it is constantly improving due to government reforms in education, health care and the annual message of the President of Kazakhstan.

university defines and establishes mechanisms for periodic review, study and evaluation of ongoing educational programs and provides quality management process. Education graduate program on specialties 6M110100 "Medicine" and 6M110200 "Public Health" regularly reviewed and renewed by obtaining feedback from undergraduates, teachers and employers, as well as the analysis of educational achievements of students.

NAO "MUK" has sufficient material and technical base, providing high-quality implementation of educational programs. Evidence of continuous improvement and improve the material and technical basis of the NAO "MUK" is the use of educational, scientific processes, renewable resources, educational and scientific and research laboratories; Annual replenishment of library book fund in Kazakh, Russian and English languages; introduction of innovative information and communication technologies; updating of material and technical base of clinics NAO "MUK": the University Hospital of the NAO "MUK"; increasing the number of clinical sites.

Observe the dynamics of growth of wages in the faculty in connection with the introduction of differentiated pay, the introduction of the internal qualification of teaching categories. The University is constantly taking measures for professional development, training, pedagogical skill growth, research departments employees by organizing courses, seminars, workshops, trainings, conferences, forums, etc.

In connection with the receipt of a new legal status was reviewed and developed with newtruktura University of Management, which was presented at approval of the NAO's Board of Directors, "MUK". The management structure reflects the characteristics of the NAO "MUK": the presence of coordination and integration mechanisms on the part of senior management, hierarchical authority within the university, the interaction of departments and employees responsible for the main and supporting processes, the process of monitoring, analysis and improvement, the formation of information flows for decision making management activities.

Based on the above change in the organizational structure, the control principles in NAO MUK now and in the future has a purpose to provide an effective high school activities in general and its units on the ground and provides a process to meet the needs and interests of different stakeholder groups and improve medical education .

Conclusion: comments on Standard 9 not, there is a correspondence specialized accreditation criteria.

Areas for improvement are:

- Improve monitoring and evaluation of educational programs.

VII. REVIEW Strengths / best practices for each standard

Standard 1: "The mission and the final results."

Strengths:

- Orientation of the educational process on formation of professional responsibility, commitment to continuous self-improvement and continuous professional development.
- Qualified personnel structure to provide educational and medical work.
- The widespread use of innovative technology in the learning process.

Standard 2. "Scientific research environment and educational resources"

Strengths:

- The presence of strategic partner universities in the framework of the project of the World Bank with a strategic partner, the University of Lund, Sweden

- The presence of the NAO MUK SIC, educational laboratories and centers, equipped with modern equipment, with a tolerance of undergraduates to work on a research theme

Standard 3. "The policy and criteria for admission"

Strengths:

- The University has sufficient material and technical base.
- Qualitative selection of undergraduates.
- Ensuring undergraduates choice of individual learning paths.

Standard 4. "graduate program"

Strengths:

- Susceptibility and responsiveness of educational programs to the needs of society and the labor market.
 - The presence of the NAO MUK SIC, educational laboratories and centers, equipped with modern equipment, with a tolerance of undergraduates to work on a research theme.
 - Opportunity for undergraduates to perform part of their research in the far and near abroad (Vietnam, Portugal, Hungary, Sweden, Turkey, Russia) in international internships.
 - Innovative experience in the use of modern technologies in the implementation of educational programs.

Standard 5. "Scientific management".

Strengths:

- The presence of high intellectual scientific potential, capable to carry out scientific management graduate dissertation research in the various priority areas of medicine.
- Participation PPP NAO MUK in international competitions, conferences postgraduate education with the presence of publications and evidence of intellectual property on medical education in the magistracy in the Russian and English languages.

Standard 6. "Thesis".

Strengths:

- The active participation of undergraduates in scientific conferences, various training activities to produce the relevant certificates both in Kazakhstan and in the countries of near and far abroad.
- The passage of scientific training in leading foreign universities to carry out research on the topic.

Standard 7. "Evaluation of theses".

Strengths:

- The university provides undergraduates the possibility of a qualitative research.
- Satisfactory scientific advances masters by function 6M110100 "Medicine" and 6M110200 "Public Health" (published in journals and abroad, etc.).
- High demand for graduates of master's NAO MUK.

Standard 8 "Management and Administration"

Strengths:

- Efficient interaction of the basic structural units (participants of the educational program of magistracy) horizontally and vertically.
- The possibility of using the results obtained from the feedback masters for improving educational programs specialty.
- Extensive cooperation with partners in the health sector.

VIII. **Recommendations of the NAO "Medical University Karaganda" specialty 6M110100 MASTER "medicine" and 6M110200 "public health"**

As a result of a comprehensive evaluation of the quality of educational programs and meet the requirements of the accreditation standards of the recommendations there.

EEC members of the following areas for improvement identified:

- It is necessary to update the strategic plan for the development of educational master program corresponding to the stated mission of the NAO MUK.
- Consider the implementation of joint master programs being awarded degrees from both universities and joint management to support cooperation between higher education institutions.
- It is necessary to attract external funding for research in the area of the lake.
- To provide continuing access to the results of the evaluation of the educational program to all interested parties.
- Improve monitoring and evaluation of educational programs.



number \ n	CRITERIA FOR EVALUATION	The position of the organization of education			
		strong	satisfactory	It involves improving	unsatisfactory
one.	"The mission and learning outcomes"				
1.1	Definition of the mission of the educational program				
1.1.1	Medical education organization must define its mission and educational programs to inform stakeholders and the health sector.		+		
1.1.2	Medical education should ensure that the key stakeholders involved in the development (formulating) the mission of the educational program.	+			
1.1.3	Mission statement of the educational program should contain the goals and strategy of the educational programs to prepare competent researchers at post-graduate medical / pharmaceutical education.	+			
1.1.4	Medical education should ensure that the stated mission of the educational program includes public health problems, needs a system of medical and pharmaceutical care and other aspects of social responsibility.	+			
1.1.5	Medical education should ensure that the mission of the educational program consistent with the mission of the organization and allow for the preparation of competent researchers at post-graduate medical education.	+			
1.1.6	Medical education should have a strategic plan for the development of educational programs corresponding to the stated mission of medical education organizations, including the issues of improving the quality of graduate programs and approved on a consultative and advisory council of medical education organization.			+	
1.1.7	Medical education must be systematically collect, store and analyze information about the quality of implementation of the master's programs; assess the strengths and weaknesses (the SWOT-analysis), based on which the Rector's Office (prorektorat) in conjunction with an advisory board should set policy and develop strategic and tactical plans		+		
1.1.8	Mission and goals of the educational program: - should correspond to the available resources, capabilities and requirements of the market; - should have identified ways to support them.		+		
1.1.9	Medical education organization must provide access to information about the mission, goals, organization of medical education for the public (the availability of information in the media, on the website of the university).	+			
1.1.10	The mission of the educational program as well as the mission and goals of medical education organizations, to be approved on a	+			

	consultative and advisory council				
	TOTAL: 10	6	3	one	
1.2	Institutional autonomy and academic freedom				
1.2.1	Organization implementing educational programs of magistracy must have institutional autonomy for the development and implementation of policies for the responsible faculty and administration, particularly in relation to: - the development of educational programs; - the use of the resources necessary for the implementation of the educational program.	+			
	Medical education should ensure the academic freedom of its employees and undergraduates:				
1.2.2	- in respect of the current educational program, which will be allowed to rely on the various points of view in the description and analysis of issues of medicine and pharmacy;	+			
1.2.3	- the ability to use the results of new research to improve the study of specific subjects / issues without the extension of the educational program.		+		
	TOTAL: 3	2	one		
1.3	Learning outcomes				
1.3.1	Medical education organizations should identify the expected learning outcomes that undergraduates should take after completing graduate programs.	+			
1.3.2	Education in the master's degree with an academic award of a master's degree, must provide undergraduates competencies that will enable them to become a qualified teacher and / or researcher in accordance with the principles of best research practices.	+			
1.3.3	Completion of the Master's program should have potential benefits for those who continue a career outside of the medical organization, and applies its competence, formed during the development of graduate programs, including - critically analyze, evaluate and solve complex problems, the ability to transfer new technologies and the synthesis of new ideas.		+		
1.3.4	Medical education should ensure that regular (at least 1 time per year), the process of updating and restructuring leads to a modification of learning outcomes of graduates in accordance with the responsibilities conferred upon the graduates after the master's program.		+		
	TOTAL: 4	2	2		
2	Standard "RESEARCH ENVIRONMENT AND EDUCATIONAL RESOURCES"				
2.1	Scientific and research environment				
2.1.1	The success of the individual graduate programs should be provided with the organization strong and effective research environment.	+			
	The quality of the research environment must be assessed by analyzing:				
2.1.2	publication of research results (number of publications, impact factor, etc.) for graduate medical education in the profile of the organization;	+			
2.1.3	the level of external funding for research in medical education organization;			+	
2.1.4	the number of qualified and competent teachers, researchers in the group at the faculty, school;	+			
2.1.5	national and international collaboration with research teams of medical organizations, universities, research centers.		+		
2.1.6	Research should be conducted in accordance with international ethical standards and approved by the relevant and competent ethics committees.	+			
2.1.7	In order to give access to the means necessary for writing a thesis				

	master's program may include training in other laboratories, preferably in a different country, thereby ensuring internationalization	+			
2.1.8	Execution of graduate programs should take place under the joint planning of teaching and research and the common responsibility of the supervisor and a student of the final results.	+			
2.1.9	Medical education organizations should explore the possibility of joint master programs being awarded degrees from both universities and joint management to support cooperation between higher education institutions.			+	
2.1.10	Medical education should ensure that the process of updating educational resources are in line with the changing needs, such as a set of undergraduates, the number and profile of academic staff, master's program.		+		
2.1.11	Medical education organizations should: - to provide sufficient autonomy in the allocation of resources, including a decent remuneration of teachers in order to achieve the learning outcomes identified by the indicators;	+			
2.1.12	- the allocation of resources, taking into account: a) the scientific achievements in the field of medicine; b) the health problems of the society and its needs		+		
2.1.13	provide sufficient autonomy in the allocation of resources, including a decent remuneration of teachers in order to achieve the learning outcomes;		+		
2.1.14	the allocation of resources, taking into account the scientific advances in the field of medicine and public health problems and their needs.	+			
	TOTAL: 14	eight	four	2	
2.2	Material and technical base				
	Medical education should be logistics, appropriate licensing parameters, which include the criteria:				
2.2.1	classrooms, laboratories and their equipment must be up to date and adequate to the purposes and objectives of graduate programs;	+			
2.2.2	Master students should be provided with conditions for independent study and research work;	+			
2.2.3	updating and improving the material and technical base should be carried out regularly.	+			
2.2.4	Medical education should have sufficient resources for the proper implementation of the master's program. The organization's resources should ensure that: - welcome undergraduates, - organization of training in the graduate program, - the execution of the thesis, - scientific management, - graduate counseling, - consideration, review and evaluation of the thesis, - the award of the academic degree of Master, - the costs of maintenance, - the costs of participation in training courses, in international scientific conferences, - tuition in graduate programs in institutions where it is practiced. Resources also include a student scholarship, however, the amount of payment can vary.	+			
2.2.5	The resource policy should be aimed at maintaining and ensuring the continuous professional development of teachers graduate programs.	+			
2.2.6	Medical education must provide a safe environment for employees, graduates and those who provide the program, including the provision				

	of necessary information and protection against harmful substances, microorganisms, compliance with the safety regulations in the laboratory and using the equipment.	+			
2.2.7	Medical education must be serviced and support for future undergraduates, including the office receptionist, research centers and laboratories, canteen, canteen, medical center, sports fields and halls.	+			
2.2.8	Medical, educational organization has approved procedures to improve graduate training environment through regular updating, expanding and strengthening the material and technical base, which should correspond to developments in educational practices.	+			
	TOTAL: 8	eight			
2.3	Information Technology				
2.3.1	Medical education must have the appropriate information support goals and objectives of graduate programs.	+			
2.3.2	The library should contain the necessary learning materials - educational, technical, scientific and reference books, periodicals various medical publications, etc.	+			
2.3.3	Undergraduates should have timely and easy access to library resources.	+			
2.3.4	The library should have a basic technical equipment to support daily activities: fax machines, copiers, computers, printers, available for public use, and phones with voice mail or an answering machine.	+			
2.3.5	The library should have information website. The following elements can be Web-site: links, forms, interlibrary loan, electronic full-text journal articles, and a feedback form.	+			
2.3.6	Medical education must regularly monitor library resources to learn and implement strategies to meet existing and future needs of undergraduates.	+			
2.3.7	The use of the undergraduates should be computer classes and terminals with access to information resources (LAN, Internet).	+			
2.3.8	The medical education should be monitored the availability and appropriate use of information resources undergraduates.	+			
2.3.9	The medical education should be constantly updating, improving and expanding base of information resources to undergraduates ensuring access to modern electronic databases, including to foreign databases (Thomson Reuters (Web of Science, Thomson Reuters), Scopus, Pubmed, Elsevier, etc.)..	+			
2.3.10	Medical education must be open and constantly updated on its website a section on graduate programs containing the following information: - structure and staff of the Department of Magistracy, the responsibilities of managers and employees of the department; - admission policies, including clear rules on the selection process of undergraduates; - list of graduate programs; - structure, duration and content master programs; - criteria for the appointment of the supervisor outlining the characteristics, duties and qualifications of the supervisor; - Methods used for evaluation of masters; - design criteria and writing a thesis; - describe security procedures thesis; - Description of the State Certification Commission for the protection of master's theses; - software quality assurance and regular evaluation of graduate programs; - information on undergraduates based on years of study;		+		

	- information on the employment of graduates of master's in the past 3 years, taking into account the direction of study (scientific and pedagogical, profile).				
	TOTAL: 10	9	one		
3	Standard "POLICY AND CRITERIA FOR ADMISSION"				
3.1	Medical education organization should define and implement a reception policy, including the clearly defined position in the selection process of undergraduates.	+			
3.2	Candidates for the master's program must master the professional training programs of higher education (basic medical / pharmaceutical / chemical, higher professional (basic medical internship +) or post-graduate education (residency).	+			
3.3	In selecting future undergraduates should evaluate the research capacity of the applicant, and not just consider its academic performance.	+			
3.4	In medical education organization must be a system study of employment, demand, career support and continuing professional development of graduates.	+			
3.5	The data obtained by means of this system should be used for further improvement of educational programs.		+		
3.6	Medical education should ensure that the process of renewal and restructuring of the educational graduate programs leading to policy adaptation reception undergraduates to changing expectations and circumstances, human resource needs, changes in the system of postgraduate education and the needs of the program.		+		
	TOTAL: 6	four	2		
four	Standard "PROGRAM MASTER "				
4.1	Model curriculum, teaching methods and structure				
4.1.1	Medical education organization should define a model educational program, which includes an integrated model based on an interdisciplinary communication and competence-oriented approach, using technology of modular training based on learning outcomes.	+			
4.1.2	Medical education must define the purpose and objectives of the Master's program, which are aimed at achieving the mission of the organization of education, the mission of the educational program and learning outcomes.	+			
4.1.3	Medical education should ensure that the content of the educational program meets the requirements of SES and the model curriculum relevant specialty and designed to meet the labor market needs	+			
4.1.4	Medical education should ensure the implementation of educational programs relevant working curricula, academic calendar, curriculum on disciplines, forms the individual curriculum of future graduates and the individual plan of work of a student	+			
4.1.5	Master's program should be based on the performance of the original study, which requires analytical and critical thinking, and must be carried out under the supervision of.		+		
4.1.6	Medical education should ensure that the educational program is implemented in accordance with the principle of equality.	+			
4.1.7	Medical education should ensure that the master's degree fulfills its obligations in respect of doctors, teachers, colleagues, patients and their families in accordance with the Code of Conduct / Code of Honor.	+			
4.1.8	Master's program should ensure the training of undergraduates rules of ethics and responsible conduct of research.	+			
4.1.9	Medical education organization should identify used methods of				

	teaching and learning, appropriate educational program and the achievement of competencies of students.	+			
4.1.10	Master's program should be structured with a clear time limit, equivalent to 1-2 years of full-time and include: - theoretical training, including a study of basic and majors cycles; - practical training for undergraduates - different kinds of practices, professional training; - scientific and research work, including implementation of the master's thesis for the scientific and pedagogical magistracy; - experimental and research work, including implementation of the master's thesis for the graduate profile; - appropriate educational program and the achievement of competencies students methodological approaches and principles of learning	+			
4.1.11	Medical education must provide mechanisms for the implementation of teaching practice (in accordance with the views of graduate) for the formation of graduate skills and teaching methods.	+			
4.1.12	Medical education must provide mechanisms for the implementation of research practice for the formation of undergraduates knowledge, skills and competences 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.		+		
4.1.13	Medical education must provide mechanisms for the implementation of practical training for the formation of graduate students on the basis of theoretical knowledge of practical skills, competencies and experience of professional activity on the specialty trained, as well as the development of best practices	+			
4.1.14	Medical education should ensure that future undergraduates will have the opportunity to study on academic mobility program, have mechanisms / procedures for admission of students from other universities, the loans were disbursed on academic mobility program		+		
4.1.15	In medical education needs to be a mechanism of appeal, which allows undergraduates undertake a review of the decision regarding their programs and evaluation of their theses.	+			
	TOTAL: 15	12	3		
4.2	Evaluation of graduate programs				
4.2.1	Medical education should have a program to monitor the processes and results, including the routine collection of data on key aspects of the educational program. The purpose of monitoring is to ensure the quality of the educational process, the identification of areas requiring intervention.	+			
4.2.2	Medical education should be based on established mechanisms to carry out regular assessments of the quality of the program, including feedback from supervisors, employers and undergraduates.	+			
4.2.3	Medical education should be based on established mechanisms to systematically collect, analyze and provide professors and graduate feedback, which includes information about the process and the production of educational programs, including information about malpractice or misconduct of teachers or masters.		+		
	Medical education should ensure that the process of renewal and restructuring carried out regularly and is aimed at:				
4.2.4	- the adaptation of the curriculum models and methodological approaches in training to ensure that they are appropriate and relevant;	+			
4.2.5	- adjustment of the program elements and their relationships in accordance with the advances in medical science, with changing		+		

	demographics and health / disease pattern of the population and socio-economic and cultural conditions.				
	TOTAL: 5	3	2		
4.3	Involvement of stakeholders				
4.3.1	Medical education must, in its program for monitoring and evaluation activities of the educational program to involve faculty and graduate students, its administration and management.	+			
4.3.2.	Medical education must, in its program for monitoring and evaluation activities of the educational program to involve faculty and graduate students, its administration and management.	+			
4.3.3	Medical education organizations should be involved in the process of assessing other stakeholders, including representatives of the academic and administrative staff, the public, the competent authorities of education and health services, professional organizations, and to develop mechanisms to promote the participation of external experts in the evaluation of the educational program.	+			
4.3.4	Medical education organizations should be given access to the results of the evaluation of the educational program to all interested parties.			+	
4.3.5	Medical education should ensure that the process of renewal and restructuring leads to an improvement of the process of monitoring and evaluation of the program in accordance with changes in the outcomes of learning and teaching and learning methods.		+		
	TOTAL: 5	3	one	one	
five	Standard "scientific supervision"				
5.1	Medical education organization should identify each of undergraduates of the supervisor, and, where appropriate, and co-supervisor to cover all aspects of the program.	+			
5.2	Medical education organization should have mechanisms / procedures governing the process of discussion and approval of the candidacy of the supervisor and a student research topics in accordance with standard requirements and the SES.	+			
5.3	Medical education should ensure that candidates of supervisors will be selected from professionals who have a degree and are actively engaged in research in the field of science in the specialty of a student learning.	+			
5.4	Medical education organization should have clearly defined duties and responsibilities of the supervisor.	+			
5.5	Supervisors should conduct regular consultations with their masters.	+			
5.6	Master student must be trained on the basis of approved individual work plan, which is prepared under the guidance of the supervisor, which should be reflected in the read at the meeting of the department (departments) approval of the report for each half	+			
	TOTAL: 6	6			
6	standard "THESIS"				
6.1	Thesis and supervisor of a student must be approved after enrolling in graduate school.	+			
6.2	Subject of the thesis should be evaluated and approved by a panel of independent experts (examiners) by external evaluation or written description on the basis of the presentation of the research work.	+			
6.3	Master's program must be completed the preparation and defense of master's thesis, which is an indicator of formation of a student competencies in accordance with the educational program.	+			
6.4	Research work in a scientific and pedagogical magistracy should:		+		

	<ul style="list-style-type: none"> - comply with the basic problems of occupation for which protected his master's thesis; - to be relevant, contain scientific novelty and practical significance; - based on modern theoretical, methodological and technological achievements of science and practice; - carried out with the use of modern methods of scientific research; - contain research (methodical, practical) sections on basic protective position; - based on the best international experience in the relevant field of knowledge. 				
6.5	<p>Experimental and research work in the profile magistracy should:</p> <ul style="list-style-type: none"> - comply with the basic problems of occupation for which protected his master's thesis; - based on the latest achievements of science, technology and production, and contain specific practical recommendations, independent solutions of administrative problems; - carried out with the use of advanced information technology; - contain experimental research (methodical, practical) sections on the basic protected provisions 	+			
6.6	Medical education must be defined term thesis preparation, limited 1-2 year period.	+			
6.7	The dissertation must be written undergraduates alone, contain a set of scientific results and the provisions put forward by the author for a public defense.	+			
6.8	The structure of the thesis should include a review of the literature related to the research topic, objectives and tasks of research, research methodology, results, discussion, conclusion, conclusions and further research perspectives.	+			
6.9	The results of the thesis must be made available to interested parties (undergraduates, supervisors, employees of the organization which carried out the thesis, the researchers carrying out research work in the same direction, and other categories of persons concerned), ie published if copyright or other reasons do not prevent it.	+			
6.10	The thesis is to be accompanied by at least one publication and / or a performance at the scientific-practical conference.	+			
6.11	Medical education must provide a discussion of the dissertation of a student at a meeting of the department (departments), which carried out the thesis.	+			
	TOTAL: 11	ten	one		
7	Standard "Evaluation of dissertation work"				
7.1	Medical education must define, approve and publish the principles, methods and practices used to evaluate undergraduates, including criteria for evaluating scientific work.	+			
7.2	Final assessment and approval of the thesis is to implement State Attestation Commission (SAC) for the protection of master's theses.	+			
7.3	thesis should be done in a medical education company, where he studied a master's degree.	+			
7.4	Thesis should be further reviewed (external) in a similar profile on the face of medical education with a PhD degree or a doctorate in RhD-protected profile thesis.	+			
7.5	thesis must include both the preparation of a written version of the report and a subsequent oral defense.	+			
7.6	thesis must be open to the public.	+			
7.7	Academic Master's degree should be awarded to medical education organization based on the decision the SJC, which evaluates the thesis	+			

	(the standard "Thesis") and an oral defense.				
	TOTAL: 7	7			
eight	Standard "management and administration"				
8.1	Control program				
8.1.1	medical education management of the organization must be effective and to ensure the improvement of the educational program.	+			
8.1.2	Medical education organization should identify the entity responsible for the implementation of educational programs of postgraduate education and the achievement of learning outcomes.	+			
8.1.3	The entity responsible for the implementation of educational programs of postgraduate education, should have the authority to plan and implement an educational program, including the allocation of dedicated resources for the planning and implementation of teaching and learning methods, evaluation of undergraduates, evaluation of educational programs and training courses.	+			
8.1.4	Medical education should ensure the interaction with the management of masters on the design, management and evaluation of graduate programs.	+			
8.1.5	Medical education organizations should encourage and promote the involvement of undergraduates in the process of developing educational programs to prepare undergraduates.		+		
8.1.6	The entity responsible for the implementation of educational programs of postgraduate education, should ensure transparency of the management system and of the decisions, which are published in the bulletins are posted on the university web site, are included in the protocols for review and execution.		+		
8.1.7	Medical education organizations should be through a structural unit responsible for the implementation of educational programs of postgraduate education, plan and implement innovations in the educational program.	+			
8.1.8	Medical education organization should include representatives from other appropriate stakeholders in the consultative body responsible for the implementation of educational programs of postgraduate education, including other members of the educational process, representatives from clinical and manufacturing bases, graduate medical education, health care professionals / Pharma-tion involved in the process of training of teachers or other university faculties.	+			
8.1.9	Medical education should ensure that the structural unit responsible for implementation of educational programs of postgraduate education ;: - takes into account the environment in which graduates will work and accordingly to modify the training program; - The modification of educational program based on the feedback from the community and society as a whole.		+		
8.1.10	Medical education organization should periodically evaluate the academic guidance on achieving its mission and learning outcomes.	+			
8.1.11	Medical education should ensure that the process of renewal and restructuring leads to the improvement of the organizational structure and master's program management principles to ensure efficient operations and (in the future) to meet the interests of different stakeholder groups in the conditions of changing circumstances and needs.	+			
	TOTAL: 11	eight	3		
8.2	academic leadership				

8.2.1	Medical education organization should clearly define the responsibilities of the academic leadership for the development and management of the educational program.	+			
8.2.2	Medical education organization should periodically assess the academic leadership on achieving its mission and learning outcomes.		+		
	TOTAL: 2	one	one		
8.3	The budget for training and the allocation of resources				
8.3.1	Mpocket medical education organization must: - have a clear line of responsibility and authority to ensure that the educational program resources, including a dedicated educational budget; - to allocate the resources necessary to carry out the educational program, and distribute educational resources in line with their needs.	+			
8.3.2	financing medical education organization system should be based on the principles of efficiency, effectiveness, prioritization, transparency, accountability, separation and independence of all budget levels.		+		
8.3.3	Financial and administrative policies should be aimed at improving the quality of educational programs.	+			
	TOTAL: 3	2	one		
8.4	Administrative staff and management				
8.4.1	Medical education should have an appropriate administrative and academic staff, including their number and composition of the qualification, in order to: - ensure the implementation of the educational program and related activities; - ensure the proper management and resource allocation.	+			
8.4.2	Mpocket medical education organizations should develop and implement an internal quality assurance program management, including consideration of the needs to improve, and regularly review and analysis of the management.		+		
8.4.3	Mpocket medical education organization should ensure the implementation of masters programs in accordance with the quality management system certified by independent organizations.	+			
	TOTAL: 3	2	one		
8.5	The interaction with the health sector				
8.5.1	Mpocket medical education organization should have constructive interaction with the health sector, with related health sectors of society and government, including the exchange of information, cooperation and organization of the initiative, which helps to ensure qualified personnel in accordance with the needs of society.	+			
8.5.2	Medical education should ensure operational links between the curriculum and the subsequent stages of training.	+			
8.5.3	Medical education organization should formalize cooperation with partners in the health sector, which includes formal agreements with the definition of the content and forms of cooperation and / or the conclusion of the joint contract and the establishment of a coordinating committee and joint activities.	+			
	TOTAL: 3	3			
9	Standard "Continuous Improvement"				
	Medical education must be both dynamic and socially responsible institution:				
9.1	initiate a regular review and revision procedures content results / competencies, evaluation and learning environment, structure and function, document and eliminate defects;	+			
9.2	allocate resources for continuous improvement.	+			

	Medical education organization should:				
9.3	to base the upgrade process on prospective studies and analyzes, and the results of its own study and evaluation of literature on medical postgraduate education;	+			
9.4	ensure that the process of renewal and restructuring leads to revision of their policies and practices in line with previous experience, current operations and prospects.	+			
	Medical education in the process of renovation / continual improvement should pay attention to:				
9.5	Adaptation of the mission and outcomes of postgraduate medical education to the scientific, socio-economic and cultural development of society in the future;		+		
9.6	modification of the intended outcomes of post-graduate training in the chosen field of health in accordance with documented needs of the environment. Changes may include adjustments to the structure and content of the educational program, active learning principles. Adjustment will ensure, along with the deletion of obsolete, development of new relevant knowledge, concepts, methods and concepts based on new developments 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, as well as changes socio-economic and cultural conditions;			+	
9.7	Development of assessment principles, methods and the number of examinations according to changes in the final results of learning and teaching and learning methods;	+			
9.8	Adaptation of recruitment policy and selection of students to the magistracy to changing expectations and circumstances, human resource needs, changes in the system of postgraduate education and the needs of the educational program;		+		
9.9	Adaptation of recruitment policy and the formation of the academic staff according to changing needs;	+			
9.10	improved process monitoring and evaluation of the educational program.			+	
9.11	Improving the organizational structure and management principles to ensure the efficient operation under changing circumstances and needs, and, in the long term, to meet the interests of different stakeholder groups.	+			
	TOTAL:	7	3	one	
	TOTAL 137	103	29	five	