

To the Accreditation Council of the
Eurasian Centre for Accreditation and
Quality Assurance
in Higher Education and Health Care
June 11, 2023

**REPORT
OF THE EXTERNAL EXPERT COMMISSION
BASED ON THE RESULTS OF THE EVALUATION OF THE EDUCATIONAL
PROGRAMME 7M10103 "NURSING"
KARAGANDA MEDICAL UNIVERSITY NJSC
FOR COMPLIANCE WITH THE STANDARDS OF ACCREDITATION OF
MASTER'S DEGREE EDUCATIONAL PROGRAMMES
IN HEALTHCARE**

External expert evaluation period: May 22-26, 2023

Karaganda, 2023

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LIST OF DESIGNATIONS AND ABBREVIATIONS

Abbreviation	Designation
ECAQA	Eurasian Centre for Accreditation and Quality Assurance in Higher Education and Health Care
EEC	external expert committee
NJSC	Non-profit joint stock company
EP	Educational program
SCES	State Comprehensive Education Standard
ESUVO	Unified Higher Education Management System
HETP	Higher-education teaching personnel
MES RK	Ministry of Education and Science
ILS	Institute of Life Sciences
KMU	Karaganda Medical University
CED	Catalogue of elective disciplines
BD	Basic disciplines
PD	Profile disciplines
UC	University component
OC	Optional Component
RW	Research work
MH RK	Ministry of Health of the Republic of Kazakhstan
SAK	State Attestation Commission
SQAC	School Quality Assurance Committee
STP	Scientific and technical program
IEP	Individual Education Plan
FI	Facility Instrumentation
DAA	Department of Academic Affairs
IQQA	Independent Kazakhstan Quality Assurance Agency in Education

1. Composition of the external expert commission

In accordance with the Order of the Eurasian Centre For Accreditation And Quality Assurance in Higher Education and Health Care (hereinafter ECAQA) No. 15 dated May 05, 2023, an External Expert Commission (hereinafter EEC) was formed to conduct an external evaluation of the Master's degree program 7M10103 "Nursing" in the following composition during May 24-26, 2023:

No.	Status as a member of the EEC	Full name	Academic degree, academic title, position, place of work/place of study, course, specialty
1	Chairman	KUDABAEVA KHATIMYA ILYASOVNA	Associate Professor, Candidate of Medical Sciences, Professor of the Department of Internal Diseases No. 1 of the West Kazakhstan Marat Ospanov State Medical University NJSC
2	Foreign expert	RYZHKIN SERGEY ALEXANDROVICH	Doctor of Medical Sciences, Head of the Department of Radiotherapy and Radiology named after Academician A.S. Pavlov, Head of the Department of Additional Professional Education of the Russian Medical Academy of Continuous Professional Development (Moscow), Scientific Secretary of the Department of Medical and Biological Sciences of the Academy of Sciences of the Republic of Tatarstan, accredited expert of the Federal Service for Supervision of Education and Science (Rosobrnadzor)
3	Academic expert	AFRIKYAN SHUSHANIK GEVORKOVNA	PhD in Pharmacy/Candidate of Pharmaceutical Sciences, Associate Professor of the Department of Pharmacy, Head of the Department of Organization of Computer Examinations of Yerevan State Medical University named after M. Heratsi, Republic of Armenia
4	Academic expert	URAZOVA SALTANAT NURGOZHAYEVNA,	Doctor of Medical Sciences, Head of the Department of Family Medicine No. 3 of the Astana Medical University NJSC
5	Academic expert	SHABDARBAYEVA DARIA MURATOVNA,	Doctor of Medical Sciences, Professor, pathologist of the highest category, medical examiner of the highest category, Head of the Department of Pathological Anatomy and Forensic Medicine named after Professor Yu.V. Y.V. Pruglo of the Semey Medical University NJSC
6	Academic expert	RAMAZANOVA RAIGUL MUKHANBETOVNA	Doctor of Medical Sciences, Professor of the Department of Internal Diseases of the S.D. Asfendiyarov Kazakh National Medical University NJSC
7	Academic expert	ZHUMALINA	Doctor of Medical Sciences, Professor, Head of

		AKMARAL KANASHEVNA,	the Department of Pediatric Diseases with Neonatology of the West Kazakhstan Marat Ospanov State Medical University NJSC
8	Academic expert	TULEUTAeva RAYKHAN YESENZHANOVNA,	Candidate of Medical Sciences, Head of the Department of Pharmacology and Evidentiary Medicine of Medical University NJSC
9	Academic expert	BAIGOZHINA ZAURE ALPANOvNA,	Candidate of Medical Sciences, Dean of the School of Nursing of the Astana Medical University NJSC, Member of the Association for Medical Education in Europe (AMEE)
10	Academic expert	RAMAZANOVA SHOLPAN KHAMZAEVNA	Candidate of Medical Sciences, Acting Associate Professor of the Department of Clinical Disciplines of Al-Farabi Kazakh National University
11	Academic expert	YERALIEVA BIBIKHAN ABDALIEVNA,	Candidate of Medical Sciences, Assistant of the Department of Clinical Pharmacology of the S.D. Asfendiyarov Kazakh National Medical University NJSC
12	Academic expert	ISPOSUNOVA GULNARA AKHMETKAZYEVNA	doctor – urologist of the highest qualification category, assistant of the Department of Urology of the S.D. Asfendiyarov Kazakh National Medical University NJSC
13	Academic expert	DOSANOVA ASEM KALELOVNA	PhD, Associate Professor of the Department of Pediatric Surgery of the Astana Medical University NJSC
14	Academic expert	DOSHAKANOVA ASEL BAIDAULETOVNA	Candidate of Medical Sciences, Head of the Department of Postgraduate Education of Kazakh Order "Badge of Honor" Scientific Research Institute of Eye Diseases LLP
15	Representative of employers	DANIYAROVA BAYAN LASHINOVNA	Deputy Director for Strategic Development of the Regional Clinical Hospital of the Karaganda Region Health Department;
16	Representative of doctoral students	ORAZBAY AKNUR DAURENKYZY	doctoral student of the first year of study in the specialty "Biology" of the Karaganda Buketov University NJSC Buketov NJSC

The observer from ECAQA is Umarova Makpal Aldibekovna, Head of the Accreditation and Monitoring Department.

The work of the EEC was carried out in accordance with the Regulation on the EEC (Order of the General Director of the ECAQA No. 4 dated February 13, 2017).

The EEC report contains an assessment of the Master's degree program 7M10103 "Nursing" for compliance with the Standards of accreditation of educational programs of Master's specialties in healthcare (hereinafter referred to as Accreditation Standards) and conclusions, recommendations of the EEC on further improvement of approaches and conditions for the implementation of the above-mentioned educational program and recommendations for the ECAQA Accreditation Council.

2. General part of the final report

2.1 Presentation of the Master's degree program of the educational program 7M10103 "Nursing"

Name of the organization, legal form of ownership, BIN	Karaganda Medical University Non-profit Joint Stock Company, BIN 190140033600
Management body	Ministry of Health of the Republic of Kazakhstan
Full name of the first head	Turmukhambetova Anar Akyzbekovna
Date of creation	1950
Location and contact details	Republic of Kazakhstan, Karaganda, Gogol str. 40, tel. 8-7212-50-06-31
State license for educational activities in residency (date, number)	KZ32LAA00016018 dated May 6, 2019
Information about branches, subsidiaries (if available)	-
The year of the start of the accredited educational program (EP)	2017
Duration of training	2 years
The total number of graduates since the beginning of the implementation of the EP	15 (for the period 2017-2022)
The number of undergraduates on the EP since the beginning of the current academic year	9
Full-time teachers/ Part-timers involved in the implementation of the EP, including % of the settlement	The total number of teachers is 7, including full-time teachers – 1, part-time teachers - 6. Academic degree holders rate, % - 50%
Website Instagram Facebook with active pages	www.qmu.edu.kz @officialkmu

Brief information about the accredited educational program

In the Karaganda Medical University NJSC (hereinafter referred to as the University), the Master's degree program 7M10103 "Nursing" (hereinafter referred to as EP) has been implemented since 2017 on the basis of a license for educational activities No. KZ32LAA00016018 dated May 6, 2019.

The University has the first set of applicants in the number of 3 people per EP in 2014. In total, since the implementation of the accredited WP, 15 masters have been graduated. The EP was accredited in 2017 by the IQQA.

The faculty of the University is represented in the following composition: 22 academicians and corresponding members of the National Academy of Sciences, 56 Doctors of Sciences, 31 PhD doctors, 169 candidates of Sciences and 129 specialists with a master's degree.

University infrastructure: 7 academic buildings with classrooms, a scientific library with reading rooms and an electronic library hall, a Center for simulation and educational technologies with high-tech simulators and mannequins, a research center and a laboratory for collective use, a research sanitary and hygienic laboratory, 6 dormitories, 57 clinical bases, 476 bases for professional practice in the Republic of

Kazakhstan (hereinafter - RK) and abroad, the Clinic of the Medical University, dental clinic, student sports and recreation camps.

In 2005, the University passed the certification of the quality management system of the University of educational, scientific and clinical activities for compliance with the requirements of the International Standard ISO 9001 by the certification body NQA – UK (United Kingdom), NQA – Russia. In 2015, he was certified by SGS (Switzerland), in 2020 he was recertified by the Russian Register Certification Association (Russia).

The University is included in the Directory of Avicenna Medical Schools of the World Health Organization and the World Federation of Medical Education. The University is a member of the Magna Charta of Universities (MCU) and many international associations. The University occupies a leading position in the national rankings. *According to the Master's degree program "Nursing", there were no ratings at the national level.*

The mission of the University and the educational program reflect the academic value and professional orientation of graduates as highly professional specialists, competitive in the modern labor market and is aimed at the development of society, improving the health and quality of life of the population of the Republic of Kazakhstan by achieving excellence in science, education and practice.

The EP was reviewed and approved at the meeting of the Academic Council of the University on April 25, 2019, Protocol No. 9. The EP is included in the Register of Educational Programs as a valid EP.

Undergraduates are participating in the Erasmus+ program under the Project: "Accelerated development of nursing education at the master's and doctoral level in the higher education system in Kazakhstan", AccelEd (2020 – 2023). The infrastructure of the University's research activities regarding the accredited EP is presented by:

- Institute of Public Health and Occupational Health, the structure of which includes a clinic of occupational health and a research sanitary and hygienic laboratory;
- Local Bioethics Commission, which carries out the ethical and moral and legal assessment of scientific projects of the university and dissertations of undergraduates, the objects of which are humans and animals.

In 2019, the University was awarded the status of a research university, approved by the Decree of the Government of the Republic of Kazakhstan dated June 27, 2019, No. 453.

A Partnership agreement on the Erasmus+ program has been concluded: "Capacity building in the field of higher education" - "Improvement of nursing at the Master's and PhD doctoral level in the higher education system of Kazakhstan (AccelEd)" (NR. 618052-EPP-1-2020-1- LT-EPPKA2-CBHE-SP), which is attended by the Lithuanian University of Health Sciences in Role "Coordinator" and the following beneficiaries: Astana Medical University (Kazakhstan), Abo Academy University (Finland), Jamk University of Applied Sciences (Finland), S.D. Asfendiyarov Kazakh National Medical University (Kazakhstan), Karaganda Medical University (Kazakhstan), Nazarbayev University, Ministry of Health of the Republic of Kazakhstan, Ministry of Education and Science of the Republic of Kazakhstan,

University Medical Center Utrecht (Netherlands), South Kazakhstan Medical Academy (Kazakhstan).

2.2 Information about previous accreditation

The Master's degree EP in the specialty "Nursing" was accredited in 2017 by the Independent Agency for Quality Assurance in Education (IQQA).

2.3 Conclusion based on the results of reviewing the report on the self-assessment of the Master's degree program "Nursing" for compliance with the Standards of accreditation of Master's degree programs in healthcare and conclusions

The report on the self-assessment of the Master's degree program "Nursing" (hereinafter referred to as the Report) is presented on 88 pages of the main text and contains 70 appendices according to relevant standards, 25 tables and a list of regulations and rules, as well as an electronic link to Google drive <https://drive.google.com/drive/folders/1pdCvvFIzipqSvbyN9b9UVEg5NIvvJdId?usp=sharing>.

The report is characterized by the completeness of responses to all 8 main accreditation standards and criteria, structuring taking into account the recommendations of the Guidelines for conducting a self-assessment of the educational program provided to the educational organization by the accreditation center - ECAQA, as well as internal unity of information.

The report is accompanied by a cover letter signed by the Chairman of the Board-Rector of A.A. Turmukhambetova, which confirms the reliability of quantitative information and information included in the self-assessment report.

The report contains a list of members of the working group on self-assessment and preparation for specialized accreditation, indicating the responsibility of each member of the internal commission; information about the person responsible for conducting self-assessment for compliance with the standards of accreditation of the educational program - Ernazarova M.A., Chief Specialist of the Department of Strategic Development and Quality Management.

The self-assessment of the educational program "Nursing" was carried out on the basis of the order of the head dated September 16, 2022 No. 274 "On approval of the composition of the working group on self-assessment and preparation for specialized accreditation".

In all standards, the real practice of the KMU NJSC for the training of undergraduates in the specialty "Nursing", reasoned data, examples of the implementation of the tasks of the educational program, national and international events, methodological support, confirming compliance with the requirements of accreditation standards are given.

The description in the self-assessment report is quite complete and updated in terms of the number of undergraduates, teachers, administration, information on selection and admission, training results, results of knowledge and skills assessment, the material and technical base of the university and clinical bases, contractual obligations

with partners (universities, associations, bases), financial information, development plans and improvement, etc.

The report is presented in the ECAQA in a completed form, with the correction of data on the above recommendations, written in a competent language, the formulations for each standard are clear and understandable and described in accordance with the criteria of standards, tables and figures (diagrams, photographs) contain references in the text and have end-to-end numbering.

The quality of the self-assessment report served as the basis for the transition to the next stage of the accreditation procedure - external evaluation. Experts plan to validate the report data, compare the information from the report with the information that will be received during a visit to an educational organization, i.e., verification of quantitative and qualitative indicators.

3. Description of the external expert assessment

External expert work within the framework of the evaluation of the Master's degree program "Nursing" was organized in accordance with the Guidelines for the external evaluation of educational organizations and educational programs of the ECAQA and according to the program approved on May 20, 2022 by the General Director of the ECAQA Sarsenbayeva S.S. and agreed with the Chairman of the Board – Rector of the KMU NJSC A.A. Turmukhambetova. Visit to the organization: May 24-26, 2023

The external evaluation is aimed at validating the data of the self-assessment report and verifying indicators indicating the degree of compliance with the criteria of accreditation standards.

The sequence of the visit within 3 days is presented in detail in the Visit Program (hereinafter referred to as the program), which is in the documentation of the accreditation center and in the annex to this report. The program is proof of the implementation of all planned activities within the framework of an external expert assessment.

In order to obtain objective information, the members of the EEC used the following methods and its results:

- interview with management and administrative personnel - 7 people;
- interviews with undergraduates and doctoral students – 10 people.
- study of the website <https://qmu.edu.kz> , SANAD Karaganda Clinic (sanadmed.kz);
- interviewing 15 employees, 9 teachers, including co-head of the educational program Fatkulina N., PhD, Director of the Institute of Health Sciences of Vilnius University, 6 mentors;
- survey of teachers (2) and undergraduates (3);
- review of resources in the context of the implementation of accreditation standards: 3 practice/clinical training bases were visited, including the Institute of Public Health and Occupational Health of the Karaganda Medical University NJSC/Occupational Health Clinic of the Karaganda Medical University NJSC, the Clinical and Diagnostic Rehabilitation Center "SANAD", the Center for Simulation and Educational Technologies of the Karaganda Medical University NJSC, where training is

conducted in 4 educational programs with the participation of 11 full-time teachers/part-timers;

- the study of educational and methodological documents in the amount of 37 units, both before the visit to the organization and during the visit to the departments (the list of documents studied attached in Appendix 2).

On the part of the staff of the accredited organization, the presence of all persons specified in the visit program and according to the lists of interview sites and interviews is ensured (Table 1).

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

No.	Position	Quantity
1	Chairman of the Management Board - Rector	1
2	Vice-Rector for Academic Work	1
3	Vice-Rector for Scientific and Clinical Work	1
4	Head of Career Development Department	1
5	Deans of schools	6
6	Director of the Institute of Life Sciences	1
7	Heads of educational programs	5
8	Members of the Senate Academic Committee	22
9	Director of the Human Resources Management Department	1
10	Chief Specialist of the Department of Human Resources Management	1
11	Chief Specialist of the Center for Simulation and Educational Technologies	1
12	Director-Chief Accountant of the Department of Economics and Finance	1
13	Deputy Director of the Economics and Finance Department	1
14	Higher-education teaching personnel	9
15	Students (magistrates)	2
16	Students (doctoral students)	8
17	Graduates (magistrates)	9
18	Graduates (doctoral studies)	8

In the process of visiting university departments, accreditation experts noted the strengths of the university in relation to the accredited educational program, including: scientific and technical programs are being implemented, grant financing projects and international projects under the Erasmus program are being actively implemented. The Institute of Life Sciences, which carries out planning, organization, coordination and methodological support of scientific and innovative activities of the university, the implementation of educational programs of postgraduate education is operating.

The self-assessment report describes in detail the mechanisms for achieving internationalization of the Master's degree program "Nursing".

The platform <https://session.kgmu.kz/> has been developed and is functioning (own development of KMU NJSC), which is used for conducting written exams of students in an online format (intermediate certification). The program maintains a database of students and their results, and forms exam statements. All written works are checked for originality using the Turnitin anti-plagiarism system. When submitting a written paper, it is encrypted and gets to the teacher in an anonymous form. At the same time, the undergraduate does not know which of the teachers checks his work, and the teacher does not know whose work he checks.

The responsible structural unit is the Department of Academic Work. The appeal application procedure has been simplified on the platform: you can file an appeal and see the decision of the appeal commission directly on the exam platform.

Institute of Public Health and Occupational Health of KMU NJSC/Occupational Health Clinic is the clinical base of the university for the preparation of both doctoral students of the PhD "Nursing Science" and masters in nursing. Research work is also carried out there under the guidance of scientific supervisors. The School of Nursing Education is located on this clinical base, there are classrooms for students (doctoral and undergraduates), all conditions have been created for undergraduates to perform the clinical section of scientific work. Thus, the presence of its own clinical base of the KMU NJSC, where all conditions are created for students, can be noted as the best practice in education and research activities of students.

On the last day of the visit to the university, a meeting of the EEC members was held on the results of an external assessment. The final discussion of the results of the external assessment of the educational program, the study of documents, the results of interviews, questionnaires was held. The members of the EEC started designing the final report. Generalizations of the results of external assessment are made. Experts have individually filled out the "Quality profile and criteria for external evaluation of the Master's degree program "Nursing" for compliance with ECAQA Accreditation Standards. No comments were made by the members of the EEC. Recommendations on improving the educational program were discussed and Chairman H.I. Kudabaeva held the final open vote on the recommendations for the ECAQA Accreditation Council for the accreditation period of 5 years.

Comfortable conditions were created for the work of the EEC, access to all necessary information and material resources was organized. The Commission notes the high level of corporate culture of the University, the high degree of openness of the team in providing information to the members of the EEC.

At the end of the visit program, the Chairman of the EEC announced recommendations for the management and employees of the educational organization based on the results of an external evaluation within the framework of specialized accreditation.

4. Analysis of compliance with accreditation standards based on the results of an external assessment of the Master's degree program "Nursing"

Standard 1: MISSION AND END RESULTS

Evidence of compliance:

The mission and goals of the Master's degree program "Nursing" are defined as the intention: to train specialists capable of meeting the needs of society in providing medical care at the level of the nursing process, to apply and develop advanced innovative technologies in medicine, science, research and practice, to use the achievements of information and communication technologies, to strengthen the health of the population.

The EP and its mission were considered at meetings of the Council of the School of Nursing Education (Protocol No. 8, April 9, 2019), the Academic Council of the University (Protocol No. 6, April 23, 2019), the University Senate (Protocol No. 9, April 25, 2019).

The advisory bodies include representatives of employers who have the opportunity to make changes to the learning process and the formation of the EP. Confirmation of their participation is the information in Table 2 of the report on the self-assessment of the educational program, the minutes of the meeting. The participants of the discussion are the Director of the Regional Clinical Hospital, Candidate of Medical Sciences, M.E. Abeuov, Deputy Director of the City Center for Primary Health Care LLP, Candidate of Medical Sciences. Witt S.V.

Information about the EP is available to potential undergraduates, teachers and employers, as it is posted on the university's website <https://qmu.edu.kz/ru/contents/view/1224>. The EP is available on the student educational portal. In 2019, the EP was included in the register of educational programs of the ESUVO (Unified Higher Education Management System) MES RK.

The EP complies with the regulatory requirements adopted at the national level, the State Mandatory Standard of Education (hereinafter referred to as the SCES), corresponds to the Mission of the University, which provides for the development of society, improving the health and quality of life of the population of Kazakhstan by achieving excellence in science, education and practice. When forming the mission of the EP, the available resources and the existing needs of the modern labor market were taken into account.

The master's degree EP "Nursing" corresponds to the SCES, consists of theoretical training, including the study of cycles of basic and profile disciplines; industrial practice; experimental research work, including an internship and the completion of a master's thesis, and final certification. The university independently forms the disciplines of the optional component (OC), the university component (UC), while taking into account the needs of the labor market, employers' expectations, needs and interests of undergraduates, which is confirmed by the study by experts of the Master's degree EP "Nursing" and the results of a survey of HETP.

Proposals on the content of the EP, electives, all changes and additions to the EP are discussed at the Council of the School of Nursing Education. The teaching staff (hereinafter referred to as teaching staff) independently determine teaching methods and methods for evaluating learning outcomes, which is also confirmed by the results of a

survey of teaching staff of the Master's degree EP "Nursing".

The Master's degree EP "Nursing" corresponds to the Regulation on the management of the educational program in the KMU NJSC. Interested persons can get information about the EP (schedule of classes and intermediate certification, academic calendar for the period of study, syllabuses) on the educational portal of the University.

HETP use problem lectures, discussion lectures, small group work, business/role-playing games, project method, discussions, brainstorming, RBL – research based learning, presentations, essay writing, analysis of scientific publications, etc., which is confirmed by the results of a survey of both masters and HETP.

The assessment of the EP, the entire procedure for the requirements for the design of the dissertation are set out in the Academic Policy of the KMU NJSC. In accordance with the Regulations on the management of the educational program of the KMU NJSC, the quality of the EP is ensured by the participants in its implementation: the Dean of the school of Nursing Education, the head of the Master's degree EP, teachers, undergraduates. Ensuring quality assessment at the institutional level is provided by the Department of Strategic Development and Quality Management.

In order to control and improve the quality of the EP, the following are carried out: internal quality assessment procedures (internal audit); external quality assessment procedures: accreditation in accordance with the documented procedure "Organization of preparation for institutional and specialized accreditation" in the KMU NJSC and other external inspections by authorized bodies.

During the implementation of the program activities, namely, according to the results of an interview with the first head of the organization, the vice-rector for academic work, scientific and clinical work, members of the anemic committee of the Senate, the Commission for quality assurance of the School for the Master's degree EP "Nursing", in interviews with undergraduates and teachers, compliance with the criteria of **standard 1** was established.

All participants in the educational process know the mission of the organization and the main goals of the educational program, took part in the formation of proposals for the formulation of the mission, while the content of strategic documents was brought to the attention of applicants through the website, social networks, informational letters to medical and scientific organizations.

Conclusions of the EEC according to the criteria. Out of 5 standards comply: fully - 5.

Standard 1: completed

Standard 2: EDUCATIONAL PROGRAM

Evidence of compliance:

The expert received information about the teaching methods used, the objectives, description and content of the disciplines, the competencies obtained, the evaluation policy and evaluation criteria used in the educational process of educational materials during the study of the self-assessment report, as well as on the example of the syllabus

"Methodology and methods of scientific research in nursing" (1st year, 5 credits), presented by in the appendix to the self-assessment report.

The report describes a combination of teaching and learning methods, including the rationale for these methods. The teaching methods used: problem lectures, discussion lectures, work in small groups, business/role-playing games, project method, discussions, brainstorming, RBL – research based learning (teaching based on scientific research), presentations, essay writing, analysis of scientific publications are designed to provide undergraduates with educational skills and individual support.

The application of teaching methods is regulated by the Academic Policy of the University. Interactive methods are used in the study of disciplines of the scientific and pedagogical component and are demonstrated by undergraduates during the passage of pedagogical and research practices and when performing research work.

Types and methods of control used: analysis of scientific articles, preparation of projects, presentations, writing essays, performing test tasks, situational tasks, etc. corresponds to the content, goals and objectives of the discipline.

Intermediate certification is carried out in the form of written work (essay, question-answer, solution of situational tasks) or assessment of practical skills. Educational materials are available for undergraduates, posted on the university's SharePoint student portal, You KMU video hosting, on the Moodle platform, in Platonus.

The experts have studied with the materials on the program of the medical school "Nursing" (approved on April 25, 2019), and also studied the results of the survey of undergraduates. Experts concluded that undergraduates receive such academic skills as: the ability to think independently; the ability to analyze, synthesize and critically perceive information; creative problem solving; communication through the study of such disciplines as "Higher School Pedagogy", "Management Psychology", "Management in Science", "Methodology and Methods scientific research in nursing", "Methodology of scientific research publications", "Modern concepts and theories of nursing".

According to the results of a cross-poll of undergraduates, the head of the EP, scientific supervisors of undergraduates, it was not possible to get a complete answer to the question "What is the procedure for evaluating the performance of dissertation research and how is the analysis and monitoring of the progress of doctoral students in achieving the results of the educational and scientific components of the EP (history of academic achievements, publications, mobility of undergraduates, internships and personal achievements).

The training of undergraduates is conducted in accordance with modern concepts, theories, models, historical perspectives and practice in the field of education is implemented through the profile disciplines of the university component (UC), such as "Modern concepts and theories of Nursing", "Modern trends in Nursing", "Modern paradigms of Nursing development", as well as optional disciplines - "Biostatistics", "Licensing and accreditation in medicine and pharmacy".

There is a separate catalog of elective disciplines (CED) for the EP "Nursing", with which experts were familiarized during a visit to the university. EP and CED, as a rule, are discussed at meetings of the Board of the School of Nursing Education with the

participation of representatives of employers, which ensures the relevance of the content of the EP and the proposed disciplines. The CED was reviewed and approved at a meeting of the Council of the School of Nursing Education (Protocol No. 4, November 11, 2022) and contains the disciplines: Ethics and Deontology in Nursing, Biostatistics, Hygienic Control in Nursing, Licensing and Accreditation in Medicine and Pharmacy, Personnel Policy and Personnel Planning, Modern management problems in Healthcare. In general, the topics are relevant for the study of undergraduates of the EP "Nursing science".

The list of optional subjects (electives) and the corresponding minimum amounts of credits are set by the university independently, but at the same time the requests of employers and the needs of the labor market are taken into account. Information about the disciplines of the Master's degree program is presented in detail in the self-assessment report. The profile component is represented by the disciplines: "Information and communication technologies and digitalization in healthcare and Nursing", "Project management in Nursing", "Introduction of evidence-based Nursing", "Methodology and methods of scientific research in Nursing", "Methodology of scientific research publications", "Modern concepts and theories of Nursing", "Modern trends in Nursing", "Modern paradigms of Nursing development".

The content of the EP ensures that undergraduates acquire the final learning outcomes that represent the EP in a social and historical context.

The University provides an operational link between the educational program and the subsequent stages of professional training, which is confirmed by the developed matrix of competencies that a master's student must possess upon completion of training at each stage of the implementation of the EP.

Upon completion of the EP, undergraduates are given the opportunity to continue their doctoral studies in the specialty 8D10101 – "Nursing science" with a training period of 3 years. The content of the Master's degree and PhD doctoral programs ensure the continuity and succession of the learning process.

The University has created a research environment for the implementation of research work by undergraduates of "Nursing". Undergraduates, as well as doctoral students in the specialty "Nursing science" are involved in the implementation of International projects. The University operates under the partnership agreement under the Erasmus+ program: "Capacity building in the field of higher education" - "Improvement of nursing at the Master's and PhD doctoral level in the higher education system of Kazakhstan" (AccelEd), where the Lithuanian University of Health Sciences participates as a coordinator.

The analysis and study of the WC (in terms of the duration of the EP), the final learning outcomes, mandatory and optional components, the allotted time for independent learning, available resources for training and evaluation, requirements for completing the program, showed compliance with the requirements of standard 2 "Educational Program".

According to the documents submitted by the university (approved EP, protocols), the development and updating of the EP are carried out taking into account the needs assessment, the opinion of employers. The reviewer of the EP is the director of the

Regional Clinical Hospital of the Healthcare Department of the Karaganda region (HD KR) M.E. Abeuov, Deputy director of the City Center of Primary Health Care LLP in HD KR S.V. Witt

EP agreed with the freelance specialists in nursing of HD KR A.N. Nurbekov

In general, the development of the EP is regulated by the "Regulations on the management of the educational program". The accredited EP was discussed by the Academic Committee of the Educational program, approved by the Academic Council and approved by the Academic Council (April 25, 2019), all protocols are available.

According to the report on the self-assessment of the educational program, as well as the results of a conversation with representatives of the School of Nursing Education, the head of the EP, information was received that the Senate is reviewing the list of educational programs based on the needs of the market and available material and human resources (protocol of May 27, 2022). *At the same time, the revised and updated educational information was not provided to the experts. The experts were informed that there is an EP approved on April 25, 2019, which is included in the Register of the ESUVO of the Ministry of Education and Science of the Republic of Kazakhstan as valid.*

During the implementation of the program activities, namely, according to the results of an interview with the first head of the organization, the vice-rector for Academic Work, the vice-rector for Scientific and clinical work, members of the academic committee of the Senate and the Commission on quality assurance of the School of Nursing Education, in interviews with undergraduates and teachers, compliance with the criteria of **standard 2** was established.

The presented information, as well as the results of visits to the library, the student service center, the Department of Academic Work, clinical bases confirm the implementation of the accreditation standard and demonstrate the existence of an effective educational, research environment for working with undergraduates in the specialty "Nursing".

A visit to the School of Nursing Education, a survey of resources, medical organizations (the Institute of Public Health and Occupational Health of the NKMU NJSC, the Clinic of Occupational Health of the NAO "MUK", the Clinical and Diagnostic Rehabilitation Center SANAD), where the research and pedagogical practice of undergraduates of the EP "Nursing" takes place, showed their compliance with the program (including disciplines) of training, accessibility for teachers and undergraduates.

Conclusions of the EEC according to the criteria. Out of 21 standards comply: fully - 20, partially - 1, do not correspond - 0.

Standard 2: completed

Recommendations for improvement identified during the external visit:

- 1) Review and update the educational program of the Master's degree "Nursing" (*Remark: EP approved, entered into the register on September 4, 2019 Justification: Order of the Minister of Health of the Republic of Kazakhstan dated July 4, 2022 No. KR DSM-63 "On approval of state mandatory standards for*

levels of education in the field of healthcare". According to paragraph 50 of the Regulation on the management of the educational program in the KMU NJSC (date of approval September 2, 2020), the educational program must undergo quality monitoring at least once every 3 years (Paragraph 2.3, subparagraph 2.3.1)).

STANDARD 3: "ASSESSMENT OF UNDERGRADUATES"

Evidence of compliance:

The evaluation of undergraduates is carried out in accordance with the policy and procedure for evaluating undergraduates, which are reflected in the "Academic Policy" of KMU NJSC. Admission of students to intermediate certification or making a decision on the individual order of passing the final control is carried out by the School of Nursing Education. At the University, there were no cases of failure to pass the exam or repeated passing of disciplines in the EP "Nursing" of the magistracy.

The University demonstrated the availability of methods to ensure the objectivity and transparency of undergraduates' assessments for study by external experts.

The principles, methods and practices used to evaluate undergraduates, including the criteria for evaluating scientific work, are set out in the "Regulations on the Magistracy of the KMU NJSC and the University is guided by this Provision. Transparency and accessibility of the assessment for undergraduates is implemented through the Session platform, where students in their personal account after passing the intermediate certification can see the results of the assessment of each exam assignment, read the examiner's comments and, if they disagree with the assessment, file this issue for appeal. Educational achievements in Platonus are available both for the student himself and for interested persons – the registrar's office (AWD), the dean's office staff.

The objectivity of the assessment is ensured by the presence of developed evaluation criteria for each task in each discipline, encryption of the student's data, as well as providing random automated selection of questions for the student by the session program. The decrease in the grade for the completed task is accompanied by the examiner's comment, which ensures the transparency of the assessment system.

In order to comply with the principles of Academic integrity, all written works of students are evaluated for originality through the Anti-Plagiarism system. Verification of graduate theses, dissertations (projects) for originality is carried out by the library. Transparency and objectivity of the assessment of undergraduates is also implemented through the proctoring system with the help of trained proctors from among the HETP.

12 credits are provided for the final certification of the State Educational Institution. The final certification is carried out in the form of writing and defending a master's thesis (project). The procedure for preparing and defending master's theses is regulated by the Regulations on the preparation of theses, master's and doctoral theses.

The self-assessment report describes in sufficient detail the procedure for conducting the final certification of students, the work of the commission, orders, protocols of the School of Nursing Education, and other supporting documents. Educational achievements (knowledge, skills and competencies) of students are evaluated in points on a 100-point scale corresponding to the letter system with a digital equivalent accepted in international practice and assessments according to the traditional system. At the meetings of the departments/Councils of schools the current and final academic performance, which are reflected in the annual reports of departments is discussed, monthly certification is carried out. The results of the session are discussed at the meetings of the Senate of the KMU NSC, academic performance and transfer from course to course are reviewed and reported annually at the Senate of the KMU NSC, the results of the session and transfer exams are presented in the annex to the self-assessment report.

The progress of master's theses is monitored by the supervisor, discussed at meetings of the department, and schools. Master's theses are tested at extended meetings of graduate departments or schools. To appeal the evaluation results, there is an appeal commission consisting of teachers whose qualifications correspond to the profile of the disciplines being appealed.

The comprehensive assessment of students' academic achievements is regulated by the "Rules of the rating system for assessing students' academic performance". The student's progress is also assessed by the results of the submission of semi-annual reports of undergraduates, reports on practice, as well as the results of the preparation and defense of the master's thesis.

The results of the analysis and study of control and Facility Instrumentation (FI) of the EP showed that the methods and format of assessing current academic performance and the final control of knowledge and skills correspond to the goals and content of the disciplines indicated in the syllabuses.

The basic concepts of honor and ethics of the professional community, the principles of academic integrity, the rules of the relationship of participants in the educational process are regulated by the Code of Academic Integrity of the University.

Feedback from undergraduates is provided by questioning masters on their satisfaction with the teaching methods used, the quality of the educational process. The results are reviewed at the meetings of departments/schools, reflected in the minutes of meetings and a plan of corrective measures is formed. In the presented minutes of the meeting of the QAC of the School of Nursing (January 19, 2023), the results of the assessment of student satisfaction for compliance with the quality of the EP "Nursing" were considered. The protocol notes a high level of satisfaction of undergraduates with the educational process and the content of the EP.

The ECAQA observer conducted an online survey of students on the resource <https://webanketa.com/>. The survey includes 39 questions, the number of respondents is 63, including 2 undergraduates, which was 3.17%. The analysis of the responses showed their satisfaction with the conditions and equipment of classrooms (90%), access to students' participation in research work (92.06%), the activities of scientific supervisors (95.24%), etc.

In general, undergraduates are satisfied with the training and scientific guidance, assessment methods, and purposefully enrolled in this university, as they believe that KMU NJSC has good resources, image and international connections, at the same time, the wish of undergraduates was to support them in covering the costs of paying for publications in peer-reviewed journals.

Undergraduates have shown their commitment to the university. They were active in answering questions from external experts, demonstrated their opinions on the organization of training and providing conditions for the implementation of dissertation research, submitting a dissertation for defense, evaluating their skills, advisory support, opportunities to participate in educational organization activities, financing. Experts have studied the documents of undergraduates (portfolios, evaluation results, survey results, abstracts, dissertations).

Interviews with employers, graduates of the university were conducted offline and included such questions as: knowledge of the EP, participation in the development, review of the EP, participation in the work of the QAC, working groups, Councils, research work (RW), satisfaction with the competencies of undergraduates, providing the supervising department located in the clinic and undergraduates with the necessary resources for scientific and practical training and the formation of critical and research thinking, about the problems of interaction with departments, employment indicators of graduates upon completion of the master's degree.

The meeting was attended by representatives of the Clinic of the Medical University of KMU NJSC, Deputy Director for Academic Affairs of the Karaganda Regional Higher Nursing College of the Department of Health of the Karaganda region. The analysis of the survey results showed satisfaction on the part of employers with the quality of graduate training.

According to the report on the results of the final certification (FA) of undergraduates of the EP "Nursing" in the 2020-2021 academic year, 2 undergraduates were enrolled by state order (Ableva S.Zh., Seitbaeva M.A.).

According to the results of pedagogical and research practice, undergraduates have grades – "excellent", qualitative and relative indicators are equal – 100%. The protection results are 3.67. The reviews of the supervisor, the reviews of the official opponent correspond to the qualitative and relative indicator of the defense of the master's thesis in the specialty "Nursing". The chairman of the FA is the General Director of the Karaganda Medical Intercollege, Chairman of the Association of Nurses of the Karaganda region "Sharapat", Candidate of Medical Sciences A.N. Nurbekov

The survey of undergraduates and the analysis of documents concerning the assessment and monitoring of the implementation of scientific research by undergraduates showed that the university has implemented a proper evaluation policy that allows for a comprehensive assessment of the educational and scientific achievements of undergraduates. During the interview, the undergraduates told that they receive regular feedback from teachers, research supervisors. Thus, compliance with Standard 3 has been established.

Conclusions of the EEC according to the criteria. Out of 10 standards comply:

fully -10.

Standard 3: completed

Standard 4: "UNDERGRADUATES"

Evidence of compliance:

Admission of students to the Master's program is carried out on the basis of the Admission Policy of students included in the Academic Policy of the University and the Regulations on the admission Committee of the KMU NJSC.

The admission policy to the magistracy is reviewed annually taking into account social and professional data, as well as the requirements of the labor market and complies with the regulatory documents of the authorized body. Information about educational programs, the State educational order, the work of the admissions committee, admission rules, entrance exams for postgraduate education (master's degree, residency, doctoral studies), the price list for paid educational services are posted on information stands, on official pages in social networks, where applicants can get acquainted with information on the Master's degree program "Nursing" with a description of the terms of study, the degree awarded, and the opportunity for further professional growth.

The procedure for admission of applicants to the University is carried out in accordance with the standard rules for admission to educational organizations implementing educational programs of higher and postgraduate education (Order of the Minister of Education and Science of the Republic of Kazakhstan dated October 31, 2018 No. 600). To select applicants, teachers of the School of Nursing conduct career guidance work among potential graduates of undergraduate universities in suitable specialties. Meetings of graduate students of the university with the dean, teachers, adviser are held to explain the mission, tasks and prospects of studying in the master's degree. Enrollment of persons in the magistracy is carried out according to the results of comprehensive testing (CT) in accordance with the scale of the 150-point evaluation system.

Admission of persons entering the magistracy of the KMU NJSC is carried out on the basis of their applications on a competitive basis based on the results of entrance examinations. Experts have studied the documents on the Admission Policy of students in the KMU NJSC, the composition of the admissions committee.

The topics of dissertations of undergraduates are approved after enrollment in the Master's degree program during the first semester and are approved by the decision of the University Senate after discussion at the meetings of the department.

The completion of the research is reflected by the undergraduate in an individual work plan, which is drawn up for a 3-year period of study. In the self-assessment report there is a description of the Individual Education Plan (IEP) of undergraduates and as an example, the IEP of a graduate student Seitbaeva M.A. is presented. The IEP contains information about the disciplines, the amount of hours, the teacher, the form of control and assessment for semesters and courses and the results of the State Attestation (SA). *At the same time, there is no specific information in the IEP about the implementation of the dissertation work plan, publications and internships. In addition, during a*

conversation with the head of the EP, the Dean of the School of Nursing said that the analysis and monitoring of the implementation of the IWC of undergraduates was carried out, but there was no convincing evidence of the results of the implementation of the IWC with an assessment of progress.

The practice of the university is such that when recruiting students, resource opportunities are taken into account and the admission policy for the master's degree is followed. The University has a small contingent of undergraduates in *the specialty "Nursing", which, according to respondents, is due to the small number of grants allocated.* At the same time, the university has sufficient resources to increase the number of graduate students in "Nursing". The University presents a detailed analysis of the resources necessary for the implementation of the EP, the formation of a public procurement plan, a university development plan.

A support and consulting service for undergraduates on academic, social and personal needs has been established and is functioning. Experts have studied the regulations on the student support service of KMU NJSC. Operational information support on all issues of the organization of the educational process is provided by the Dean's Office of the School of Nursing Education, the Department of Academic Work, teachers. Academic counseling and support of students is carried out through the appointment of mentors (curators) for the formation of IWC and the formation of competence in the EP.

The policy of representation of undergraduates and their participation in the development, management and evaluation of the EP has been implemented. The confirmation is the minutes of the meeting of the QAC of the School of Nursing Education (No. 1 dated September 9, 2022), where the QAC includes a master's student M.S. Amirbekova. Students, including undergraduates, are actively involved in the management of the university. Membership in the School Council, the Senate, and the QAC of the School supports the transparency of the management and decision-making system, as well as contributes to the communication of students' proposals to the university administration and the realization of the interests of undergraduates.

The University has provided evidence regarding the requirements for undergraduates in terms of projects, dissertations and practices (portfolios, transcripts). Evidence of the formation of research and critical analysis skills is also provided.

Experts have studied reports on the research work of undergraduates, in particular the report of undergraduate S.Zh. Abilova on the implementation of a dissertation on the topic: "The role of nursing staff in non-drug correction in the rehabilitation of patients with cerebral stroke". The report was for the 1st semester of the 2020-2021 academic year. The report reflects the results of the relevant types of work on the dissertation. The report on the pedagogical practice of the 1st-year undergraduate student M.S. Amirbekova contained the results of pedagogical, educational and methodological work. Report on the results of the final certification, which is carried out in the form of the defense of master's dissertations of undergraduates of the OP "Nursing": S.Zh. Abilova (201 SD-M), M.A. Seitbaeva (201 SD-M), which presents the progress of undergraduates, evaluation of the results of the defense of master's dissertations (3,67).

Experts have studied the EP, Academic Policy, the Regulations on the magistracy of the KMU NJSC, which sets out the requirements for the progress of a master's student.

The system of monitoring the current and final progress of undergraduates is ensured by the timeliness of grading in an electronic journal, filling out examination sheets, which are controlled by specialists of the Department of Academic Work. Undergraduates study by state order, however, there were no undergraduates' deductions for various reasons (non-fulfillment of the academic program, gross violations of the internal regulations of the university) or on the basis of a personal application of a graduate student at his own request during the period of implementation of the EP.

The first set of undergraduates for the EP "Nursing" took place in 2014. Since the beginning of the implementation of the EP, 15 undergraduates have been enrolled for training. By year of issue: in 2019 - 3, 2020 – 3, 2021 – 3, 2022 – 2.

The University, before enrolling in the master's program, provides an assessment of the feasibility and quality of a scientific research project, the implementation of which is planned for undergraduates, evaluates the compliance of the qualifications of scientific supervisors in accordance with the documents "Regulations on the Master's program of the KMU NJSC.

In order to validate the implementation of the data of the self-assessment report and obtain evidence of the quality of the EP, an *interview was conducted with undergraduates* of the EP "Nursing". Experts asked questions about satisfaction with learning, sufficiency of time to recruit material for a dissertation, work with documentation, satisfaction with teaching methods and qualifications of teachers, social and moral support for doctoral students in need, participation in scientific work, availability of resources of international databases of professional literature. The skills of using these resources were evaluated when visiting the School of Nursing Education, practice/clinical training bases: Institute of Public Health and Occupational Health of the KMU NJSC/The Clinic of professional Health of the KMU NJSC, the Clinical and diagnostic rehabilitation Center SANAD, where the pedagogical and research practice of undergraduates is directly carried out.

In general, undergraduates are satisfied with the training and scientific guidance, assessment methods, and purposefully entered the university, as they believe that KMU NJSC has good resources, image and international relations.

Undergraduates showed their commitment to the organization of education, were active in answering questions from external experts, demonstrated their judgments on the organization of training and providing conditions for the implementation of dissertation research, submitting a dissertation for defense, evaluating their skills, advisory support, opportunities to participate in educational organization activities, financing. Experts have studied the documents of doctoral students (portfolios, evaluation results, survey results, abstracts, dissertations).

Interviews with employers of graduates of the university were conducted offline and included such questions as: knowledge of the EP, participation in the development, review of the OP, participation in the work of the QAC, working groups, Councils, research work (RW) in Dissertation Council, satisfaction with the competencies of undergraduates, provision of the supervising department and the School of Nursing Education located in the clinic and undergraduates with the necessary resources for

scientific and practical training and the formation of critical and research thinking, about the problems of interaction with departments, employment indicators of graduates upon completion of the master's degree.

The meeting was attended by representatives of the Clinic of the Medical University of KMU NJSC, Deputy Director for Academic Affairs of the Karaganda Regional Higher Nursing College of the Department of Health of the Karaganda region. The analysis of the survey results showed satisfaction on the part of employers with the quality of graduate training.

Conclusions of the EEC according to the criteria. Out of 12 standards comply: fully - 11, partially - 1, do not correspond - 0

Standard 4: completed

Recommendations for improvement identified during the external visit:

- 1) Regularly, within the established time limits, analyze and monitor the implementation of the individual work plan of undergraduates of the EP "Nursing" by the responsible structural unit of the Karaganda Medical University NJSC with an assessment of progress (subparagraph 4.5.1).

STANDARD 5: ACADEMIC STAFF

Evidence of compliance:

The University implements a personnel policy (approved by the Rector, Protocol No. 1 dated January 11, 2021) aimed at effective management and development of the University's human capital, maintaining the numerical and qualitative composition of employees, their professional and social development. The personnel policy of the University complies with the requirements of the legislation of the Republic of Kazakhstan and internal acts of the University.

When selecting teachers for an accredited EP, taking into account the qualification requirements (Regulations on the commission for conducting interviews with candidates for employment of the KMU NJSC), competence and qualification level, criteria for scientific, pedagogical, research and clinical merits, etc. are taken into account. 7 teaching staff participate in the implementation of the accredited EP, 5 of them are Ph.D., 2 have the academic title of professor. Teachers of basic and profile disciplines have academic status and academic honors, gradation is 100%. The quantitative and qualitative composition of teachers fully meets the needs for the implementation of the Master's degree program "Nursing".

The heads of the research work of undergraduates (RWUG) are: President of the professional association "NEIRON", MD, Professor T.T. Kispava; Director of the Institute of Public Health and Occupational Health of the Karaganda Medical University, PhD, Professor B.K. Omarkulov. The head of the EP is assistant professor of the School of Nursing Education A.R. Aitmagambetov.

All teachers of specialized disciplines and research supervisors of undergraduates meet the qualification requirements and improve their professional competencies

through training in advanced training courses, master classes and seminars, including abroad (Lund, Sweden; Vilnius, Lithuania; Finland, Germany, Bonn).

Teachers of the School of Nursing Education took part in international Projects: as ProInCa – "Development of the innovative potential of higher education in the field of nursing through the reform of the healthcare system as part of the transfer of healthcare services"; Erasmus+ program "Capacity building in higher education" "Improvement of nursing at the level of Master's degree and PhD doctoral studies in the higher education system of Kazakhstan" (AccelEd).

The annex to the self-assessment report presents partnership agreements. Teachers involved in the implementation of the accredited EP are regularly trained at master classes and seminars held within the framework of international Projects (AccelEd). Professor T.T. Kispäeva is the supervisor of undergraduates, has more than 25 years of work experience, the field of research interests is rehabilitation, has 25 publications in peer-reviewed journals.

The main directions of scientific research in which the heads of undergraduates participate:

- STP "Development of scientific and methodological foundations for minimizing the environmental burden, medical care, social protection and health improvement of the population of ecologically unfavorable territories of the Republic of Kazakhstan" (2017-2019). According to the results of this STP, 30 articles have been published in Kazakhstan and 10 in journals of the near and far abroad, 2 implemented developments;

- STP "Development of scientific foundations for the formation of a preventive environment in order to preserve public health" (PCF - 2017-2019), the number of publications the number of publications in the Republic of Kazakhstan – 10, publications in the near and far abroad – 5.

During the survey of teachers conducted by experts, it was found that the majority (93.7%) are completely satisfied with the organization of work and workplace at the university. 87.5% of the teachers surveyed are satisfied with the organization of the educational process at the university, and 90.6% believe that there is an opportunity for career growth and development of teacher competencies at the university.

87.5% of respondents studied at professional development courses (programs) during this year. 62.5% believe that the university supports participation in conferences (international, republican) through the payment of traffic, travel expenses, registration fee, but 9.4% claim that only traffic is paid. 78.1% agree that the university implements a program of social support for teachers. Teachers have the opportunity to engage in scientific work and publish research results – 90.6% fully agree, 9.4% partially. 87.5% are satisfied with the work of the HR service (HR), 9.4% are partially satisfied. Satisfied with the salary - 53.1% fully agree, 12.5% partially.

The annual assessment of staff satisfaction, which reflects the effectiveness of the university's personnel policy, confirms the participation of employees in the management of the EP, the development of the potential of teachers and administration, the psychological climate in the team, social issues. The analysis of teachers' satisfaction conducted by the university in the 2019-2020 academic year showed the satisfaction of the majority of employees with working conditions.

The University has a policy on the development and motivation of HETP. In the interview, the teachers confirmed the existence of a system to encourage their achievements in various activities. For example, there is an additional payment for publications in highly rated publications, an additional payment of 100% of the base salary for conducting classes in English with a TOEFL and ILETS certificate, for obtaining patents, etc.. The teachers said that due to the savings of the salary fund for the corresponding reporting period, teachers and administrative staff of the university are paid a bonus based on the results of work for the year; a bonus timed to national and state holidays, professional holidays, anniversaries.

In order to verify the data of Standard 5, at a meeting with the head of the personnel department and during interviews with teachers, experts received an opinion on approaches to the development of pedagogical competence of teachers, motivation to work with undergraduates.

The experts received answers about the content and effectiveness of the teacher training program, which is held annually. These events are funded by the university. The experts got acquainted with the certificate of the teacher T.T. Kispäeva, who was trained on the topic "Environment and Sustainable Development" (60 hours). The experts also got acquainted with the certificates of the teacher B.K. Omarkulov on the following topics: "Developing collaboration for the support of evidence-based nursing in Kazakhstan", 2023 (21 hours), "Creation and capacity building of research Committees for assessment criteria improvement in Master and PhD nursing education in University Medical Center Utrecht Netherlands", 2023 (40 hours), "AcceLEd: Training course on Advanced qualitative methods in nursing (5 ECTS 2023).

Doctors of sciences, candidates of sciences who have extensive academic, practical and scientific experience participate in the implementation of the EP on the profiling component and as leaders of the research of a master's student. At the same time, most of the teachers of the Master's degree program in "Nursing" are doctors by training. For example, medical teachers teach such disciplines specific to nursing as "Paradigms in Nursing", "Concept in Nursing". At the same time, the staff of the School of Nursing Education has students of the doctoral program "Nursing science", who after the defense will also be able to be involved in working with undergraduates.

Conclusions of the EEC according to the criteria. Out of 7 standards comply: fully – 6, partially – 1, do not correspond – 0.

Standard 5: completed

Recommendations for improvement identified during the external visit:

- 1) To make a long-term plan (5 years) to expand the staff of teachers of the Master's degree program "Nursing" with the inclusion of teachers with nursing education - PhD graduates. (5.3.1)

STANDARD 6 "EDUCATIONAL RESOURCES AND LEARNING ENVIRONMENT"

Evidence of compliance:

The University has provided sufficient resources to ensure the implementation of the accredited EP: material and technical base (classroom fund, Simulation Technology

Center, library resources), educational resources, Clinical bases, etc. The responsible structural unit for the implementation of the EP is the School of Nursing Education.

A visit to the School of Nursing Education, a survey of resources, 3 bases of practical training (see section 3 of this report) showed their compliance with the education program, accessibility for teachers and undergraduates.

During the implementation of the program activities, namely, according to the results of an interview with the Vice-rector for academic work, scientific and clinical work, members of the academic committee of the Senate, the Commission for quality assurance of the School for the EP "Nursing", in interviews with undergraduates and teachers, compliance with the criteria of **Standard 6** was established.

The data provided in the appendix to the self-assessment report on the material and technical base of the Nursing program, information about the academic buildings of the university, characteristics of the information resources available to the departments and undergraduates of the specialty "Nursing", information about the university library, the information fund related to the Nursing program, characteristics of clinical databases, a list of foreign organizations. The presented information, as well as the results of visits to the library, the student service center, the Department of Academic Work, clinical bases confirms the implementation of the accreditation standard and demonstrates the existence of an effective environment for research and practical work by undergraduates of the University's EP "Nursing".

With distance learning, the library provides remote access for all undergraduates to all educational electronic resources by subscription of the university: Web of Science (Clarivate), Scopus Elsevier, Cochrane Library, CBS eBooks, EBSCO (<https://search.ebscohost.com/>) - more specific for nursing.

To search the literature, undergraduates are provided with timely and free access to library resources in the electronic resources hall, interactive hall and remotely. There is a subscription to evidence databases.

When conducting interviews with undergraduates, experts asked questions about satisfaction with the availability of resources of international databases of professional literature on nursing, support from the supervisor, training, satisfaction with teaching methods and the qualifications of teachers.

In general, undergraduates are satisfied with the education, support from the supervisor, assessment methods, and purposefully enrolled in this university, as they believe that KMU NJSC has good resources, image and international relations.

The analysis of syllabuses of disciplines showed that foreign literature and monographs are insufficiently represented in the list of references.

According to the head of the educational program, the university acquired 15 books for master's and doctoral programs in nursing within the AccELED Project, but they are not included in the list of literature placed in syllabuses and in the provision card. The following is a list of books purchased: Nursing theorists and their work, Contemporary nursing knowledge: Analysis and Evaluation of Nursing Models and Theories, Applying conceptual models of nursing: quality improvement, research, and practice. Caring and wellbeing, lifeworld approach, Burns and Grove's The practice of nursing research: appraisal, synthesis, and generation of evidence.

Theoretical nursing: development and progress. Middle Range Theory for Nursing Person-Centered Practice in Nursing and Health Quality of Life Outcomes in Clinical Trials and Health-Care Evaluation. The Application of Content Analysis in Nursing Science Research Qualitative Research in Nursing and Healthcare 30 Essential Skills for the Qualitative Researcher. Qualitative Inquiry and Research Design: Choosing Among Five Approaches. Service Design and Service Thinking in Healthcare and Hospital Management: Theory, Concepts, Practice. Leadership in Nursing: Experiences from the Nordic European Countries.

Undergraduates showed their commitment to the university, were active in answering questions from external experts, demonstrated their judgment on the resources provided, organization of training, assessment of their skills, support from managers, opportunities to participate in R&D, financing. Experts have studied the documents of undergraduates (portfolio, evaluation results-checklists, interim certification, survey results).

Experts have obtained evidence of the implementation of Standard 6 "Educational resources and learning environment" as well as validation of the self-assessment report data.

Conclusions of the EEC according to the criteria. Out of 4 standards comply: fully - 3 partially - 1, do not correspond - 0

Standard 6: completed

Recommendations for improvement identified during the external visit:

- 1) To include books in English acquired within the framework of the AccelED International Project in the map of the availability of disciplines and actively use them by undergraduates in the process of research work.

Standard 7: MONITORING AND EVALUATION OF THE EDUCATIONAL PROGRAM

Evidence of compliance:

The internal assessment of the quality of the EP includes an assessment of the degree of satisfaction of students with the quality of the educational process, employers with the quality of graduates of the program, an assessment of the resource provision of the educational process. Data collection for the analysis of the EP is carried out by analyzing the academic performance of students based on the results of intermediate and final certification, questioning and interviewing students, HETP and employers on the satisfaction of the EP, analysis of employment and career growth of graduates of the program.

According to the results of the survey of students: 79.4% of respondents believe that program managers and teachers involve students in the work of advisory bodies (methodological council, academic council, committees of educational programs).

90.5% of respondents fully agree with the statement that teachers provide students with methodological and didactic materials, additional literature to prepare for classes.

100% of undergraduates believe that the university has access to the participation of students in research work. 92.1% of the surveyed students fully agree that the content of the educational program (list of disciplines) the chosen specialty meets the

expectations. The majority of respondents (95.2%) are satisfied with the quality of the educational process.

The results of the analysis of the questionnaire of undergraduates on the quality of the educational process conducted in the 2021-2022 academic year (Questionnaire compiled by universities of the League of Academic Integrity dated October 27, 2022) showed that the satisfaction of respondents in the category "Teaching and content of the discipline" is 83.7%, in the category "Evaluation and feedback" - 83.9%, "Information resources and services" – 83.6%, "Material and technical base" – 79.04%.

In general, the results of the survey show a fairly high level of satisfaction with the organization and quality of the educational process, which amounted to 82.93%. Thus, in almost all categories of questions, the satisfaction of undergraduates is high and is above 80%.

The Council of the School of Nursing Education, QAC, is involved in the process of monitoring and evaluating the quality of the educational program. The school is provided with information and discusses issues about the implementation of the EP, possible problems and ways to eliminate them. Suggestions for improving the EP are made by all interested parties, discussed at the School Committee and a plan of corrective measures is formed.

Interviews with 3 employers were conducted offline and included such questions as: knowledge of the Master's degree program, involvement and participation in the process of developing the EP, participation in the work of advisory bodies, satisfaction with the basic knowledge and skills of undergraduates, participation in the work of the examination commission, the percentage of employment of graduates of undergraduates, etc. The quality of the EP is ensured by the participants in its implementation: the Dean of the School, the Head of the EP, the coordinators of the modules responsible for the discipline, heads of departments, teachers.

Evaluation of the quality of education at the institutional level is provided by the Department of Strategic Development and Quality Management. The educational program undergoes quality monitoring at least once every 3 years, in case of preparation for specialized accreditation of the educational program, quality monitoring is carried out unscheduled. In this case, the head of the EP with the working group prepares a report on the self-assessment of the EP, the SQAC reviews the self-assessment report and then conducts a monitoring (visit) with an assessment of supporting documents and makes recommendations for improvement. The first accreditation of the EP "Nursing" was held in 2017. According to the recommendations of the accreditation commission, a corrective action plan was developed, reports on the implementation of which were submitted to the accreditation agency every 2 years.

The University has undergone changes in teaching methods, current and final control. Since 2020, instead of the traditional oral exam or testing, the examination session is conducted in the form of a written exam (essay, analysis, situational tasks and other types of tasks) on the remote **Session** platform (the KMU NJSC's own software product). At the same time, all the works of undergraduates, master's theses are subject to mandatory verification for originality through the Anti-Plagiarism system.

KMU NJSC receives feedback from employers in the form of feedback on

graduates, as well as from the chairman and members of the commission during the final state certification.

The survey of undergraduates and the analysis of documents concerning the assessment and monitoring of the implementation of scientific research by undergraduates showed that the university has implemented a proper evaluation policy that allows for a comprehensive assessment of the educational and scientific achievements of undergraduates. During the interview, the undergraduates told that they receive regular feedback from teachers, research supervisors.

Conclusions of the EEC according to the criteria. Out of 8 standards comply: fully – 8.

Standard 7: completed

Standard 8: MANAGEMENT AND ADMINISTRATION

Evidence of compliance:

The organizational structure of the University management was approved by the decision of the Board of Directors of KMU NJSC, posted on the website and presented in Appendix 1 to the self-assessment report.

The EP "Nursing" is under the supervision of the Vice-Rector for Scientific and Clinical Work and the School of Nursing Education is the main structural unit responsible for the management and implementation of the EP "Nursing", as well as the coordination of the work of other departments.

The School of Nursing Education has been organized and has been functioning since September 1, 2017. The decision to reorganize into a School of Nursing Education was made in connection with the growing contingent of undergraduate students and the need to optimize the management system, since the 2017-2018 academic year, the teachers of the department have joined the new unit. Thus, the functions of the school and the department were combined in one unit. Teachers of other departments, in particular the Department of Biomedicine, the Department of History of Kazakhstan and Socio-Political Disciplines, the School of Public Health, take part in the implementation of the Master's degree program.

During the visit to the School of Nursing, the experts met with the Dean of the School, the head of the EP, teachers of the Master's degree program "Nursing". Based on the results of the interview, information was received regarding the quality assurance of the EP. The University has sufficient resources necessary for the selection of undergraduates (admissions committee), the implementation of the educational part of the program (departments/divisions, laboratories, library, bases for research work), evaluation and defense of the master's thesis. The procedure for awarding a master's degree has been developed.

The University has a website page in the state and English languages, which contains accessible information about the work of the admissions committee, about educational programs with a description of the terms of study, the degree awarded, the opportunity for further professional growth, the academic policy of the University, about the collegial bodies of the KMU NJSC in the field of science (Local to the

Bioethics Commission, Dissertation councils). The rules of the admissions committee, includes a clear description of the selection process for undergraduates.

The self-assessment report describes in detail the procedure for regularly reviewing and updating the structure of the Master's degree program, evaluating the quality of the program, *but does not provide enough information, including feedback from research supervisors and undergraduates, which is also confirmed by the information received during the survey of HETP, the head of the EP and undergraduates about the analysis of monitoring of the IWP of undergraduates, as well as about updating and revision of the Master's degree EP "Nursing".*

After interviewing the head of the EP, the experts realized that the EP is updated in accordance with the Regulation on the management of the educational program of the KMU NJSC (Protocol No. 14 dated September 9, 2020), which defines the procedure for the development, approval, updating and management of educational programs, *but the updated EP was not demonstrated to the experts of the accreditation center. The EP presented in the annex to the self-assessment report was approved in 2019.*

The quality assessment at the EP level is provided by the QAC, at the institutional level it is provided by the Department of Strategic Development and Quality Management. A survey of undergraduates is conducted on a regular basis to assess satisfaction with the quality of education, administrative and economic conditions, the level of teaching, the organization of practices and the teaching staff and scientific supervisors for satisfaction with working conditions. The direct academic management of the EP is carried out by the heads of the EP appointed by the Order of the Rector (Appendix 6, Order No. 283 dated September 29, 2022) from among the leading teachers of the School of Nursing Education. Associate Professor of the School of Nursing Education Aitmagambetov A.R. was appointed head of the Master's degree EP 7M10103 "Nursing".

A.R. Aibagambetov said that, as necessary, he brings up for discussion the issues of the prospects for the development of the EP, the development of the competence of graduates of the program, updating the content of the EP and teaching methods, the issues of the resource provision of the EP and the necessary investments. The head of the EP monitors the innovative trends of the specialty, participates in ensuring the implementation of the EP, assessing the quality, profitability of the EP, interacts with employers. The duties of the head of the EP include participation in the evaluation of the effectiveness and profitability of the EP, including the analysis of the demand for graduates in the labor market, the study of employment indicators, collecting feedback from stakeholders, initiating the recruitment of applicants. The head of the EP analyzes the prospects for the growth of the contingent of students.

Financial management and planning of KMU NJSC is carried out on the basis of the current legislation of the Republic of Kazakhstan, the Development Plan of KMU NJSC for the implementation of the Mission, goals and objectives of the University and the accredited EP.

The university practices separate accounting of finances for educational programs. The budget of the Master's degree program is based on the needs of the educational process: the equipment of the material and technical base for the development of

practical skills, the costs of scientific internships, the costs of academic mobility, participation in scientific conferences.

The University has an appropriate administrative staff that ensures the implementation of the EP and proper management and allocation of resources in accordance with the organizational structure of the KMU NJSC.

The main governing body is the Board of Directors. The management of the university is carried out by the Rector in accordance with the job descriptions (JD), who is also the Chairman of the Management Board (the collegial body for managing the current activities of the university), which includes the vice-rector and the managing director. The regulation on the Board of the Karaganda Medical University NJSC was approved by the Board of Directors.

All internal stakeholders have free access to regulatory documents regulating the educational process and internal documents through the Unified Information Network of the KMU NJSC, the corporate SharePoint portal, the student educational portal.

The compliance of the university's activities with the requirements of regulatory documentation is confirmed by the results of an external audit (re-certification audit for compliance with the requirements of the international standard ISO 9001: 2015, institutional and specialized accreditations, post-licensing control and other independent external audits).

The cost of studying for a Master's degree in the specialty "Nursing" for each academic year is approved according to the Resolutions of the Government of the Republic of Kazakhstan and is posted on the website of the KMU NJSC. And in the 2022-2023 academic year, the cost was 550 000 KZT.

Conclusions of the EEC according to the criteria. Out of 19 standards comply: fully - 19.

Standard 8: completed

Standard 9: CONTINUOUS IMPROVEMENT

Evidence of compliance:

In accordance with the mission of the university, the process of renewal and restructuring includes a review of policies and practices, taking into account the experience of previous years, the university's activities in the present and future.

In order to adapt the EP to changing conditions, an interdisciplinary approach is being introduced into the educational process, horizontal and vertical integration of basic and profile disciplines, integrated assessment of knowledge and skills of undergraduates. The methodology of the educational process is being improved, new innovative forms of teaching and assessment methods are being introduced.

In order to continuously improve, the University defines and establishes mechanisms for the periodic review, study and evaluation of the EP and ensures the quality of the management process of the Master's degree program. Effective management decisions are based on the analysis of measurable indicators: external and internal quality indicators.

The assessment of the quality of the university's structural units, including the School of Nursing Education and departments, 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 and external evaluation of activities. Based on the results of the report, post-monitoring is carried out to eliminate deficiencies and correct errors in the materials provided.

The system of making changes to the EP is regulated in the "Regulations on the management of the educational program".

Monitoring and periodic evaluation of the educational program is carried out in accordance with the mission and quality policy of KMU NJSC. The system of approval of assessment and revision of the EP at the University is regulated by the Academic Policy of the KMU NJSC. An objective assessment of the EP is provided through the participation of students, teachers, university administration and employers in the discussion of the implementation plan of the EP; the functioning of the feedback system; the formation of a database of regulatory documentation on the university portal and its accessibility for teachers and undergraduates.

The University invests resources for continuous improvement. Evidence of the constant improvement and improvement of the material and technical base is the use of updated resources of educational, scientific and research laboratories in educational and scientific processes; annual replenishment of the library's book fund in Kazakh, Russian and English; the introduction of innovative, information and communication technologies.

The management of the university motivates employees to individual development, including on a planned basis passing advanced training at the university, in other medical and educational organizations of the Republic of Kazakhstan and abroad at the expense of the university without interruption from work (including distance learning), with separation or partial separation from work.

In order to be competitive and effective for the country's healthcare, the implementation of the EP "Nursing" is periodically evaluated and monitored by all interested parties. These procedures are methodically described in the internal documents of the university.

Conclusions of the EEC according to the criteria. Out of 4 standards comply: fully – 4.

Standard 9: completed

Thus, out of 90 accreditation standards, 86 demonstrate full compliance and 4 partial compliance (basic standards).

5. Recommendations for improving the educational program of the Master's degree in "Nursing"

1. Review and update the educational program of the Master's degree in "Nursing" (remark: the educational program was approved and entered into the register on April 4, 2019) (2.3.1 basic standard /BS).

2. To make a long-term plan (5 years) to expand the staff of teachers of the Master's degree program "Nursing" with the inclusion of teachers with nursing education - PhD graduates. (5.3.1 BS)
3. To regularly analyze and monitor the implementation of the individual work plan of undergraduates of the educational program "Nursing" by the responsible structural unit of the university with an assessment of progress in due time. (4.5.1 BS)
4. To include books in English acquired within the framework of the AccelED International Project in the map of the availability of disciplines and actively use them by undergraduates in the process of research work. (6.1.1 BS).

6. Recommendation to the ECAQA Accreditation Council

The members of the EEC established the compliance of the Master's degree program of the EP "Nursing" with the Accreditation Standards and came to a unanimous opinion to recommend that the ECAQA Accreditation Council accredit this program for a period of 5 years.

6. Рекомендация Аккредитационному совету ЕЦА

Члены ВЭК пришли к единогласному мнению рекомендовать Аккредитационному совету аккредитовать образовательную программу 7М10103 «Сестринское дело» НАО «Медицинский университет Караганды», соответствующую Стандартам аккредитации образовательных программ магистратуры медицинских организации образования на период 5 лет.

Председатель Внешней экспертной комиссии
КУДАБАЕВА ХАТИМЯ ИЛЬЯСОВНА

Зарубежный эксперт
РЫЖКИН СЕРГЕЙ АЛЕКСАНДРОВИЧ

Зарубежный эксперт
АФРИКЯН ШУШАНИК ГЕВОРКОВНА

Национальный академический эксперт
УРАЗОВА САЛТАНАТ НУРГОЖАЕВНА

Национальный академический эксперт
ШАБДАРБАЕВА ДАРИЯ МУРАТОВНА

Национальный академический эксперт
РАМАЗАНОВА РАЙГУЛЬ МУХАНБЕТОВНА

Национальный академический эксперт
ЖУМАЛИНА АКМАРАЛ КАНАШЕВНА

Национальный академический эксперт
ТУЛЕУТАЕВА РАЙХАН ЕСЕНЖАНОВНА

Национальный академический эксперт
БАЙГОЖИНА ЗАУРЕ АЛПАНОВНА

Национальный академический эксперт
РАМАЗАНОВА ШОЛПАН ХАМЗАЕВНА

Национальный академический эксперт
ЕРАЛИЕВА БИБИХАН АБДАЛИЕВНА

Национальный академический эксперт
ИСПОСУНОВА ГУЛЬНАРА АХМЕТКАЗЫЕВНА

Национальный академический эксперт
ДОШАКАНОВА АСЕЛЬ БАЙДАУЛЕТОВНА

Национальный академический эксперт
ДОСАНОВА АСЕМ КАЛЕЛОВНА

Эксперт- представитель практического здравоохранения
ДАНИЯРОВА БАЯН ЛАШИНОВНА

Эксперт – представитель докторантов
ОРАЗБАЙ АҚНҰР ДӘУРЕНҚЫЗЫ

Эксперт – представитель резидентов
ҚҰРАҚ АЙДАНА ЖАНАЙДАРОВНА

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**Quality profile and criteria of external evaluation and educational program of
the Master's degree "Nursing"**

Standard	Assessment criteria	Number of standards	Assessment		
			Correspond in full	Correspond partly	Doesn't correspond
1.	Mission and end results	5	5		
2.	Educational programs	21	20	1	
3.	Assessment of undergraduates	10	10		
4.	Undergraduates	12	11	1	
5.	Academic staff	7	6	1	
6.	Educational resources, learning environment, achievements	4	3	1	
7.	Monitoring and evaluation of the educational program	8	8		
8.	Management and administration	19	19		
9	Continuous improvement	4	4		
	Total:	90	86	4	

The list of documents studied by the members of the EEC in the framework of the external assessment of the educational program of the Master's programme 7M10103 "Nursing"

No.	Names of documents	Quantity
1	Report on self-assessment of the Master's degree program "Nursing"	3
2	Minutes of the Board meeting of the School of nursing	2
4	Contract for joint scientific consulting of doctoral students	1
5	Individual work plan of the HETP	1
6	Master's degree program "Nursing"	1
7	Regulations on the magistracy	1
8	Regulations on the management of the Educational Program	1
9	Certificates of advanced training of HETP	4
10	Certificates of advanced training of undergraduates	4
11	Memorandum of Understanding between the University of Vilnius (Lithuania) and Karaganda Medical University	1
12	Grant agreement for work with several beneficiaries under the ERASMUS + Capacity Building in Higher Education program	1
13	Regulations on the Local Bioethics Commission	1
14	Article on the topic: Patient Adherence to Therapy After Myocardial Infarction: A Scoping Review	1
15	Material and technical base for the implementation of the accredited educational program	1
16	A brief description of the information resources available to the departments and undergraduates of the EP	1
17	Information about the university library. The book fund related to the specialty of the accredited educational program. Library activities related to the specialty of the accredited EP	1
18	List of foreign organizations that have signed an agreement on joint training of undergraduates	1
19	Expected competencies of undergraduates	1
20	Contingent of undergraduates in the specialty "Nursing"	1
21	Characteristics of undergraduates	1
23	Quantitative characteristics of the EP	1
24	Information about the disciplines of the EP	2
25	Information about the participation of undergraduates in scientific events	2
26	Pedagogical and/or industrial practice	1
27	Performing research (experimental) work	1
28	Characteristics of scientific supervisors	1
29	Full-time staff of teachers of departments implementing the EP	1
30	Indicators of research activity	1
31	Information about teachers of profile departments who have been trained in professional skills	1
32	Information about the employment of graduates of the Master's degree	1
33	Results of the dissertation research	1

34	Results of training in magistrature	1
35	List of external financing of research work	1
36	The main directions of scientific research in which the HETP involved in the implementation of the accredited educational program participate	1
37	Expected competencies of undergraduates	1
38	The average teaching load of HETP for the 2022-2023 academic year	
39	Minutes of the meeting of the QAC of the School of Residency and Professional Development	1
40	Catalog of elective disciplines for the EP "Nursing"	1

ECAQA