

To Accreditation Council
of Eurasian Center For
Accreditation and Quality Assurance in
Higher Education and Health Care
December 24, 2021

**REPORT
OF THE EXTERNAL EXPERT COMMISSION
ON THE RESULTS OF THE EVALUATION OF THE EDUCATIONAL
PROGRAMME
7R01101 - "CARDIOLOGY ADULT, PEDIATRIC "
FOR COMPLIANCE WITH THE STANDARDS OF ACCREDITATION OF
POSTGRADUATE EDUCATION PROGRAMMES (SPECIALTY OF
RESIDENCE) IN MEDICAL EDUCATIONAL ORGANIZATIONS**

external expert evaluation period: December 13-15, 2021

Almaty, 2021

CONTENT

	List of symbols and abbreviations	2
1.	Composition of the external expert commission	3
2.	General part of the final report	4
2.1	Presentation of the accredited organization and educational programme in the specialty - 7R01101 - "Adult and pediatric cardiology"	4
2.2	Information about previous accreditation	5
2.3	Conclusion on the results of reviewing the report on the self-assessment of the educational programme 7R01101 - "Adult and pediatric cardiology" for compliance with the Standards for Accreditation of Postgraduate Education Programmes (Residency Specialties) of Medical Educational Organizations and Conclusions	6
3.	Description of external expert evaluation and conclusion	8
4.	The results of the survey of teachers and residents	14
5.	Analysis for compliance with accreditation standards based on the results of an external assessment of educational programme 7R01101 - "Adult and pediatric cardiology"	20
6.	Recommendations for improving the educational programme 7R01101 - "Adult and pediatric cardiology"	32
7.	Recommendation to the Accreditation Council	33
	Attachment 1. Quality profile and criteria for external evaluation of the educational programme of residency in the specialty of the educational programme 7R01101 - "Adult and Pediatric Cardiology"	34
	Attachment 2. List of documents reviewed as part of the external expert evaluation	35
	Attachment 3. Organization visit programme	36

LIST OF SYMBOLS AND ABBREVIATIONS

Abbreviation	Designation
AC	Academic Council
AMP	Administrative and management personnel
EEC	External Expert Commission
university	higher education institution
SCES	State compulsory standard of education
ECAQA	"Eurasian Center for Accreditation and Quality Assurance in Higher Education and Health Care»
CMI	Control measuring instruments
CEP	Committee for Educational Programmes
CED	Catalog of elective disciplines
MoH RK	Ministry of Health of the Republic of Kazakhstan
MES RK	Ministry of Education and Science of the Republic of Kazakhstan
research	Research work
EP	Educational programme
Report	Report on self-assessment of 7R01101 - "Adult cardiology,
PHC	Primary Health Care
RK	The Republic of Kazakhstan
Accreditation standards	Accreditation standards for postgraduate education programmes (residency specialties) of medical educational organizations
TCC	Training and Clinical Center
University	National Educational Institution "Kazakhstan-Russian Medical University"
SC	Scientific Council

1. Composition of the External Expert Commission

In accordance with ECAQA Order No. 32 dated November 23, 2021, an External Expert Commission (hereinafter referred to as the EEC) was formed to conduct accreditation of the educational programme 7R01101 - "Adult and Pediatric Cardiology" during the period December 13-15, 2021, in the following composition:

Chairperson of the External Expert Commission	ZHANALINA BAKHYT SEKERBEKOVNA, Doctor of Medical Sciences, Professor of the Department of Surgical and Pediatric Dentistry of NJSC "Marat Ospanov West Kazakhstan Medical University"
foreign expert	OLEG MIKHAILOVICH URYASIEV, Doctor of Medical Sciences, Professor, Head of the Department of Faculty Therapy with Courses of Endocrinology, General Physiotherapy, Clinical Pharmacology, Occupational Diseases and Military Field Therapy, Vice-Rector for Academic Affairs of the Ryazan State Medical University named after Academician I.P. Pavlov" of the Ministry of Health of Russia.
National academic expert	MULDAEVA GULMIRA MENDIGIREYEVNA, Doctor of Medical Sciences, Professor of the Department of Family Medicine of NJSC "Medical University of Karaganda", general practitioner of the highest category
Expert - representative of employers	MUSABAYEVA ASEM MURATOVNA, Candidate of Medical Sciences, Chief Physician of the Municipal State Enterprise on REM "City Polyclinic No. 9" of the Public Health Department of Almaty City, MBA, organizer of health care of the highest qualification category
Expert - representative of residents	ZIA AZIMKHAN NURZHANYLY Resident of the third year of study in the specialty "Urology and andrology for adults, children" of JSC "Scientific Center of Urology named after Academician B.U. Dzharbusynov"

ECAQA Observer - Umarova Makpal Aldibekovna, Head of Accreditation and Monitoring Department of the National Institution "Eurasian Center for Accreditation and Quality Assurance in Higher Education and Health Care»

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

The EEC report contains an assessment of the educational programme (hereinafter EP) 7R01101 - "Adult and Pediatric Cardiology" for compliance with the Standards for Accreditation of Postgraduate Education Programmes (Residency Specialties) of Medical Educational Organizations and conclusions (hereinafter referred to as the Accreditation Standards), recommendations of the EEC for further improving approaches and conditions for implementation the above educational programme and recommendations for the ECAQA Accreditation Council.

2. General part of the final report

2.1 Representation of the National Educational Institution "Kazakhstan-Russian Medical University"

Organization name, legal form of ownership, BIN	NEI «Kazakhstan - Russian medical university» National Educational Institution "Kazakhstan-Russian Medical University"
Government	Ministry of Health of the Republic of Kazakhstan
Full name of the first head	Jainakbaev N.T. Rector Doctor of Medical Sciences, Professor
date of creation	1992
Location and contact details	The Republic of Kazakhstan, Alma-Ata's region , 050004 Almaty city Torekulova st., 71 Phone: +7 727 250 83 75 Fax: +7 727 250 83 75 e-mail: info@medkrmu.kz Web site: http://medkrmu.kz/en/
State license for educational activities in residency (date, number)	license for educational activities AB No. 0137388, issued by the Committee for Control in Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan on June 02, 2010.
Information about branches, subsidiaries (if any)	
Starting year of the accredited educational programme (EP)	2019
Duration of study	3 g
The total number of graduates since the start of the EP	3
Number of residents at the EP since the beginning of the current year	20
Full-time teachers/ Part-time workers involved in the implementation of the EP, incl. % degree	3/12, 60% degree

NJSC "Kazakhstan-Russian Medical University" (hereinafter referred to as the University) was established in 1992 as the Kazakhstan Medical Institute (KMI). In 2010, KMI was renamed the Kazakhstan-Russian Medical University (certificate of state re-registration No. 9833-1910-U-e dated May 4, 2010).

NJSC "Kazakhstan-Russian Medical University" is an educational institution that provides students with a competitive higher and postgraduate medical education with a state diploma.

The University currently represents a medical education organization with a private form of ownership, which has the necessary material, technical and scientific and educational base, highly qualified pedagogical and scientific personnel (license for educational activities AB No. 0137388, issued by the Committee for Control in Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan on June 02, 2010). The University trains specialists at the levels: bachelor's, internship, residency and master's on the basis of existing state licenses at the levels of higher and postgraduate, additional education in accordance with the current State Educational Standard of the Republic of Kazakhstan, and also implements additional education programmes.

Based on the order acting Chairperson of the Committee for Control in the Sphere of Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan dated February 15, 2018 No. 264 at the National Educational Institution "Kazakhstan-Russian Medical University" a

master's programme was opened in the specialties 6M110100 "Medicine" (license No. 0137388) and 6M110200 "Public health care" (license No. 0162831).

Since 2011, the university has been quarterly publishing the journal "Actual Problems of Theoretical and Clinical Medicine".

In accordance with Article 23 of the Law of the Republic of Kazakhstan "On Science", the University was accredited by the Ministry of Education and Science of the Republic of Kazakhstan as a subject of scientific and scientific and technical activities, certificate number Series MK No. 005269 dated 08.10.2018.

The university budget is formed from several sources: the republican budget (state order for the training of specialists in higher, postgraduate and additional education), the provision of paid educational services.

University funding is stable and helps to improve the material and technical base and increase the contingent.

The main applied scientific direction of the university is the development of innovations for implementation in practical health care, including the development of mobile medicine for the rural population. So, for achievements in the field of development of mobile medical complexes, the rector, MD, professor Jainakbaev N.T. On July 1, 2015, he was awarded the International Quality Certificate (SIQS) by the Swiss Institute for Quality Standards.

In order to develop cooperation, 30 contracts, agreements and memorandums have been concluded with Kazakhstani and foreign higher educational institutions.

In 2012, the university successfully passed the State Attestation of the Ministry of Health of the Republic of Kazakhstan, in 2018 and 2020 - the preventive control of the Committee for Ensuring Control in the Sphere of Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan.

Training of students is conducted in the state, Russian and English languages. The form of education is full-time, full-time. Over 29 years of activity, the University has trained over 6,000 specialists who successfully work in the practical health care of the Republic of Kazakhstan.

In 2016, the University was accredited by the Independent Kazakh Agency on quality Assurance in Higher Education (certificate of institutional accreditation dated May 31, 2016 FA No. 0066, valid from 05/31/2016 to 06/01/2021). Also in 2021, the University was accredited by the «Eurasian Center for Accreditation and Quality Assurance in Higher Education and Health Care» (certificate of international institutional accreditation dated June 17, 2021 IA00039, valid from 06/17/2021 to 06/16/2026)

6 undergraduate educational programmes, 13 residency educational programmes at the Independent Accreditation and Rating Agency (IAAR) and 2 master's educational programmes have passed specialized accreditation

The University also carries out its Mission through the implementation of educational programmes of higher and postgraduate education at the levels of bachelor's, master's and residency, the objectives of which are: to train competitive specialists who can meet the needs of society in the provision of medical care, to apply and develop advanced innovative technologies in practice and science, to use advances in information and communication technologies, improve the health of the population.

University management is implemented through collegiate bodies: Scientific Council (SC), Academic Council (AC), Scientific and Clinical Council (SCC), Local Ethical Commission (LEC), Coordinating Council for Quality and Strategic Development (CCQSD), Council of Young Scientists and Student scientific society (CYS and SSS).

The University develops its activities through the Strategic Development Plan of the National Educational Institution "Kazakhstan-Russian Medical University" (long-term) and the Tactical Plan for the implementation of the strategy (academic year), which are discussed and approved at a meeting of the Academic Council of the University with the participation of stakeholders.

The National Educational Institution "Kazakhstan-Russian Medical University" implements 35 educational residency programmes. In 2019, there was the first set of residents in the specialty 7R01138 - Family Medicine. In accordance with the Order of the Minister of Health of the Republic of Kazakhstan dated May 25, 2021 No. KR DSM - 43 "On approval of the list of medical specialties of residency

programmes", the educational programme 7R01101 - "Cardiology, including children's" was renamed to 7R01101 - "Adult and pediatric cardiology" .

2.2 Information about previous accreditation

The educational programme was accredited in 2016 by IAAR.

2.3 Conclusion on the results of the review of the report on the self-assessment of the educational programme 7R01101 - "Adult and pediatric cardiology" for compliance with the Standards for Accreditation of Postgraduate Education Programmes (Residency Specialties) of Medical Educational Organizations and Conclusions

Report on self-assessment 7R01101 - "Adult and pediatric cardiology" (hereinafter referred to as the report) is presented on 128 pages of the main text, applications on 26 pages, copies or electronic versions <https://drive.google.com> documents linked to <https://drive.google.com>.

The report is characterized by the completeness of answers to all 9 basic accreditation standards and criteria, structuredness taking into account the recommendations of the Guidelines for the self-assessment of the educational programme provided to the educational organization by the accreditation center - ECAQA, as well as the internal unity of information. Accompanying the report is a letter signed by the Rector, Doctor of Medical Sciences, Professor Dzhaynakbaev N.T., which confirms the accuracy of the quantitative information and information included in the self-assessment report.

The report contains a list of 9 members of the internal self-assessment commission indicating the responsibility of each employee, information about the representative of the organization responsible for conducting the self-assessment of the educational programme - Ligay Z.N., MD, Professor, Chairperson of the CEP of postgraduate education, Ibragimova I.N., Candidate of Medical Sciences, Associate Professor, head of the course of cardiology, Elemesova M.T., Director of the Department of Financial Work, Kasimova S.Yu. Head of the Administrative and Legal Department, Verevkina V.I., head of the personnel department, Dossaeva S.T. PhD chief specialist of the residency department, Kasimova A.I. chief specialist of the residency department, Olzhabaev S.T., PhD, Director of the State Enterprise on the REM "Almaty Regional Oncological Dispensary", Umralieva Aigerim, resident doctor, specialty 7R01101 - "Adult and pediatric cardiology", 2nd year of study.

Self-assessment of the educational programme 7R01101 - "Adult and Pediatric Cardiology", was carried out on the basis of the order of the head No. 26-02-50/ 1-n / k dated July 01, 2021 "On preparation for accreditation and organization of the process of self-assessment of educational programmes".

The report was reviewed by accreditation expert Gulmira Mendigireevna Muldaeva and the reviews noted strengths and areas for improvement, as well as recommendations for additions and changes, including the following

Standards	Recommendations of the reviewer(s)
1	
2	Observe the proper representation of all stakeholders when planning, discussing, approving and reviewing the educational programme. 2.5.2
3	Develop, implement and improve mechanisms for the reliability and validity of assessment methods 3.1.6
4	Provide for the inclusion of resident organizations or individual active residents in the process of developing a policy for the admission and selection of residents 4.1.8
5	Develop evaluation criteria that characterize the activities of teachers and mentors 5.2.3.
6	Ensure integration and balance between practical training and research 6.5.1. Provide appropriate time in the training programme for residents to conduct scientific research 6.5.4. Develop research in education 6.6.3
7	Improve the process of monitoring and evaluation of educational programmes by developing an appropriate document (regulations, rules, regulations) and the wide involvement of residents, employers and other stakeholders in the evaluation of educational programmes 7.1.1 Define and implement programme evaluation mechanisms, create internal quality assurance system, in accordance with the Model Rules for the Activities of

	<p>Educational Organizations of the Relevant Types Order of the Ministry of Education and Science of the Republic of Uzbekistan dated October 30, 2018 No. 595. P 34.7.1.2</p> <p>Evaluate the programme taking into account the mission, expected learning outcomes, content of the educational programme, teaching methods, assessment of knowledge and skills, sufficiency and quality of educational resources 7.1.3</p> <p>Develop a mechanism for evaluating the programme using the collected information about the clinical practice of graduates 7.3.2</p>
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Thus, in the process of feedback from the representative of the educational organization, the experts received answers to the questions that arose, and the corresponding changes and additions were made to the self-assessment report based on the recommendations of the reviewers.

In all standards, the real practice of the National Educational Institution "Kazakhstan-Russian Medical University" is given for the preparation of residents in the specialty "7R01101 - "Adult and pediatric cardiology" taking into account the start of admission of students in 2019, reasoned data, examples of the implementation of the tasks of the educational programme, national and international events, methodological support, confirming compliance with the requirements of accreditation standards. Description in the self-assessment report is sufficiently completed and up-to-date in terms of the number of residents, teachers, administration, information on selection and admission, learning outcomes, results of assessment of knowledge and skills, 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 submitted to ECAQA in a finalized form, with the correction of the data according to the above recommendations, written in competent language, the wording for each standard is clear and understandable and described in accordance with the criteria of the standards, tables and figures (diagrams, photographs) are referenced in the text and have continuous numbering.

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

3. Description of external expert evaluation

External expert work within the framework of the evaluation of the educational programme 7R01101 - "Adult and Pediatric Cardiology" was organized in accordance with the Guidelines for the External Evaluation of ECAQA Educational Organizations and Educational Programmes (approved by the order of the Director General of the «Eurasian Center for Accreditation and Quality Assurance in Higher Education and Health Care" No. 5 dated February 17, 2017) and according to the programme approved on November 23, 2021 by ECAQA Director General Sarsenbayeva S.S. and agreed with the rector of the National Educational Institution "Kazakhstan-Russian Medical University" Dzhaynakbayev N.T. Dates of the visit to the organization: December 13-15, 2021

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

The sequence of the visit within 3 days is detailed in the Visit Programme (hereinafter referred to as the programme), which is located in the documentation of the accreditation center and in Attachment 3 to this report. The programme is proof of the implementation of all planned activities within the framework of an external expert evaluation.

Participation of a foreign expert Oleg Mikhailovich Uryasyev, MD, Professor, Head of the Department of Faculty Therapy with Courses of Endocrinology, General Physiotherapy, Clinical Pharmacology, Occupational Diseases and Field Therapy, Vice-Rector for Academic Affairs of the Ryazan State Medical University named after Academician I.P. Pavlov" of the Ministry of Health of Russia is provided on the zoom platform.

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

- interviews with management and administrative staff - a total of 27 people;
- interviews with residents - 94 people in total,

- study website website: <http://medkrmu.kz/en/>;
- interviewing 27 teachers;
- questioning of teachers and residents - 67 and 177, respectively;
- observation of the training of residents: visiting practical lesson on the topic: "Thromboembolic complications in coronavirus infection" for residents in the specialty "Adult and pediatric cardiology", teacher Ibragimova I.N., venue: City Cardiology Center st. Tole bi, 91.
- review of resources in the context of the implementation of accreditation standards: visited the City Cardiology Center (Tole Bi St., 91), Almaty Regional Diagnostic Center (Auezov St., 57), where residents are trained in 3 specialties, including cardiology with the participation 3 full-time teachers;
- study of educational and methodological documents in the amount of 11 units both before the visit to the organization and during the visit to the departments (the list of documents examined is in Attachment 2).

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

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

No.	FULL NAME.	Position
1.	Dzhaynakbaev Nurlan Temirbekovich	Rector, professor
2.	Kusainova Arman Saylavbekovna	Vice-Rector for Academic Affairs
3.	Imanbaeva Zhaisan Abilseitovna	Vice-rector for scientific and clinical work
4.	Sovostyanova Tatyana Anatolyevna	And about. vice-rector for educational work
5.	Imanbayeva Zhaysan Abilseitovna,	Vice-Rector for Scientific and Clinical Work;
6.	Orakbay Lyazzat Zhadigerovna,	head of residency department
7.	Kulebaeva Elmira Kuanyshevna	Chief of Career Center
8.	Iskakova Dana Askarovna	Head of the Department of International Cooperation and Academic Mobility
9.	Veryovkina Vera Ivanovna	Chief personnel department;
10.	Iskakova Maryam Kozbaevna,	Dean of the Faculty of Dentistry;
11.	Orakbay Lyazzat Zhadigerovna,	head of residency department
12.	Veryovkina Vera Ivanovna,	Chief personnel department
13.	Vdovtsev Alexander Viktorovich	Responsible for mobile medical complexes (PMC)
14.	Kerimbekova Asel Almasovna,	Department of Distance Educational Technologies
15.	Mokhirev Alexander Anatolievich	Department of Distance Educational Technologies
16.	Seydalin Arystan Oskarovich.	Department head
17.	Mansharipova Alma Toleuovna	Scientific Secretary,
18.	Aumoldaeva Zaure Maratovna,	head of the center
19.	Egorova Elena Vladimirovna	PhD senior lecturer of the Department of General Medical Practice with a course of cardiology
20.	Gulamova Aisham Makhametzhankyzy	Residency in Cardiology
21.	Telzhanov Adil Zhumagaliuly	Residency in Cardiology
22.	Umralieva Aigerim Abdilkhankyzy	Residency in Cardiology
23.	Mykai Rayhangyl Aikynkyzy	Residency in Cardiology
24.	Abishev Nurlybek Dumanovich	Residency in Cardiology
25.	Omirkbekova Asel Zhandauletkyzy	Residency in Cardiology

Thus, when implementing the programme activities, namely, following the results of an interview with the first head of the organization, members of the Academic Council of the university, in interviews with residents 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 mission of the educational programme 7R01101 - "Cardiology, including children's", took part in the discussion of proposals for formulating the mission, while the mission was brought to the attention of the main stakeholders - through the website, social networks, information letters to medical organizations, at the same time it should be noted that the mission and goal of the educational programmes are identical.

The documentation of the programme 7R01101 - "Cardiology, including children's", compiled in accordance with the requirements of regulatory documents, was reviewed. The model of the educational programme is defined on the basis of the established final results of the training of residents, the corresponding teaching methods and assessment methods, a student-centered approach, the relationship between theory and practice is provided. The experts attended a meeting of the Journal Club on the topic: "Working with literary sources in preparation for the implementation of a scientific project."

From interviews with residents, it was found that before the start of classes, teachers say where to get the necessary information about the educational programme, teachers, training facilities. This indicates compliance with standard 2.

The documents of the organization contain syllabuses, EMCD, control and measuring instruments (CMI), which take into account the integration of practical and theoretical components, independent work. Compliance with SCES and standard requirements was established. Attending a practical lesson on the topic: "Thromboembolic complications in coronavirus infection" with a volume of 3 hours (teacher Ibragimova I.N.), the experts received convincing data that training is carried out according to the plan, before the start of the lesson, residents answer tests, receive feedback from the teacher, have the opportunity to improve clinical skills in differential diagnosis, drawing up a plan for examination and treatment, and choosing the tactics of surgical intervention. The university ensures compliance with ethical aspects in the implementation of the educational programme. The experts studied the Code of Corporate Culture and Ethics (06/01/2018), the Code of Academic Integrity, approved by the protocol No. 9 of the Academic Council dated 04/27/2019, and during the interview, the residents replied that they were aware of the content of this document.

An analysis of educational activities showed that the scientific basis and all the achievements of science in advising disciplines were taken into account, additions were made to the bibliography of the EMCD and syllabuses, and teachers use them in the classroom. The educational programme 7R01101 - "Adult, Pediatric Cardiology", along with the development of clinical skills, provides for the involvement of residents throughout the entire period of study in the implementation of scientific activities that they perform under the guidance of a specially appointed mentor from among experienced doctors and under the supervision of the head of residency, taking into account personal interests of students. Attracting residents to carry out small research projects carried out as part of the development of the educational programme develops the qualities of a researcher in students, teaches research methods and skills used in modern scientific practice. The implementation of these strategies is ensured by a whole range of activities, implemented within the classroom and extracurricular components of the educational programme in the study of compulsory and elective disciplines. Thus, the catalog of elective disciplines (CED) includes such disciplines as "Evidence-Based Medicine", "Research Management", residents participate in projects in the work on mobile medical complexes (PMC).

The system for monitoring the educational achievements of residents at the university includes: current and midterm monitoring of progress, intermediate certification of residents and final state certification. The final control of residency graduates is carried out in accordance with the Rules for assessing the professional readiness of graduates of educational programmes in the field of health care, approved by order of the Minister of Health of the Republic of Kazakhstan dated December 11, 2020 No. KR DSM-249/2020.

Studied control and measuring tools, which are presented by test tasks for conducting current, midterm and final control for residents, mainly situational tasks of 2 and 3 levels of complexity with multiple choice questioning (MCQ), a mini-clinical exam at the patient's bedside, a portfolio of a resident, developed evaluation sheets (Evaluation sheet of performance Scorecard, Duty Scorecard, Health Education Scorecard, Practical Skill Performance Scorecard (DOPS), Medical Records

Scorecard). It has been established that the university has implemented an appropriate assessment policy that allows for a comprehensive assessment of the educational achievements of residents. During the interview, the residents told about forms of assessment, for example, a mini-clinical examination at the bedside and that they are satisfied with everything and receive regular feedback from the teachers. The system of appealing the results of the assessment is reflected in the document "Regulations on the ongoing monitoring of progress, intermediate and final certification of students" and for the period of implementation of the educational programme - **there were no precedents for appeal. However, there is insufficient evidence of reliability and validity of assessment methods.** Thus, most of the criteria are met in **standard 3.**

During a visit to the organization and during an interview with the head of the residency department Orakbay Lyazzat Zhadigerovna, the commission made sure that there is a system of documentation that is transparent and accessible to all faculty and staff, and includes documents such as annual operating plans, annual reports, department regulations, contracts with faculty and residents, syllabuses of disciplines, assessment sheets for exams, Portfolio of resident doctors, reviews of test tasks list of control questions of boundary control, agreements with clinical sites, testimonials, certificates and certificates. Web review of the site showed that its pages contain the documents necessary for residents: syllabuses, academic policy, Regulations on ongoing monitoring of progress, intermediate and final certification of students, etc. and there is information about clinical bases, teaching materials, which is regularly updated. This information was obtained during an interview with the head of the cardiology course, Ibragimova I.N.

Conversation with Ibragimova I.N. PhD, head of the cardiology course included such issues as the motivation of residents, the demand for the educational programme, the employment of graduates, the encouragement of teaching staff, interaction with clinical sites, mentoring and allowed experts to learn about approaches to attracting staff of clinical sites for teaching (there are 12 such teachers in total people), about the strategy and tactics of recruiting residents, information support of the educational programme. A conversation with residents revealed an insufficient representation of residents in the advisory bodies of the university. On the same day, the experts studied the materials on the admission of residents and the selection of teachers and established compliance with standards 4 and 5.

Interview with 10th teachers, including 3 staff, showed that there are both successes and problems in the management of education, depending on the specific base (admission of residents to the equipment, a sufficient number of thematic patients, time to maintain medical records, independent work). The experts received answers about the teacher training programme, the financing of this training, and whether teachers have certification in teaching methods.

In order to verify the data of standard 5, external experts received information on personnel policy and approaches to the development of the pedagogical competence of teachers, motivation to work with residents, mentoring, and also identified problems in the management and development of human resources. It has been established that the university does not clearly define the evaluation criteria that characterize the activities of teachers and mentors. Experts found that teachers initiate research topics for residents, stimulate the need for additional training and independent work with literature, medical records

For the implementation of the residency programme in the specialty 7R01101 - "Adult and Pediatric Cardiology", the University has a significant material and technical. The University has organized an Educational Clinical Center (ECC), which includes 11 specialized rooms with a total area of 190 m² with sufficient equipment. As part of the implementation of programmes on innovative technologies in 2009, a Mobile Medical Complex (PMC) was formed to conduct examinations and provide free medical care to socially vulnerable groups of the population, to identify socially significant diseases (tuberculosis, oncology, cardiology). The University has signed cooperation agreements with 85 medical organizations located in Almaty, Almaty region and regions of the Republic of Kazakhstan.

During a visit to clinical sites (City Cardiology Center, Almaty Regional Diagnostic Center), experts conducted a survey of resources, their compliance with training programmes, accessibility for teachers and residents, how modern this equipment is and meets the needs of students and practical health care. Experts obtained evidence of compliance with standard 6.

In order to validate the self-assessment report and obtain evidence about the quality of the educational programme, interviews were conducted with residents Telzhanov A., Umralieva A., Mukai

R., Abishev N., Omirbekova A. The experts asked questions about satisfaction with the training, enough time for curation of patients, work in Damumed with medical records, satisfaction with teaching methods and qualifications of teachers, social and moral support for residents who need it, participation in "Journal Clubs", availability of international databases of professional literature as a resource. In general, residents are satisfied with the training, assessment methods, and purposefully entered this organization, as they believe that the university has good resources, image and international relations,

Residents showed their commitment to the university, were active in answering questions from external experts, demonstrated their judgments about the organization of training, assessment of their skills, advisory support, the opportunity to participate in research, funding. The experts studied the documents of the residents (portfolio of the resident Umralieva A., the results of the assessment of residents - checklists, the results of the survey of residents).

Interviews with employers: Medeubekov Ulugbek Shalkharovich, Director of the State Enterprise on the REM "Central City Clinical Hospital"; Novikov Igor Igorevich, Deputy Director for medical work of the PSE on REM "Almaty Regional Multidisciplinary Clinic"; Sarina Akaisha Abdykadyrovna, Deputy Director of the State Enterprise on the REM "Karasai multidisciplinary inter-district hospital"; Zhumatayeva Zarina Akhmetovna, chief physician of the Rakhat Medical Center; Imanaliev Dauren Zhumazyevich, Director of the State Enterprise on the REM "Balkhash Central District Hospital" p. Bakanas; Kusmoldanova Saule Ryspekovna, Director of the State Enterprise on the REM "Eskeldinskyi Central District Hospital"; Zhumashev Kanat Kalikanovich, Director of the State Enterprise on the REM "Regional Perinatal Center", Taldykurgan; Sadykova Akmira Makhanbetkalieva, chief physician of the State Enterprise No. 29; Alimbetova Maira Serikovna, Deputy Director of the State Enterprise on the REM "Almaty Multidisciplinary Clinical Hospital"; Nurbaev Rolan Mamyrovich, Director of the State Enterprise on the REM "Almaty Regional Children's Clinical Hospital"; Amirov Daniyar Kulmanovich, Deputy Chief Physician for Medical Work, City Clinical Hospital No. 5; Sharipova Aigerim Muratovna, Deputy Director of the Municipal State Enterprise on the REM "Panfilov Multidisciplinary Interdistrict Hospital". Issues such as: knowledge of the mission of the educational programme, participation in the development of the mission and proposals for improving the training programme, participation in the work of advisory bodies, satisfaction with the basic knowledge and skills of residents, participation in the training of residents through mentoring, providing the department and residents with the necessary resources for practical training and formation of clinical thinking, about the problems of interaction with the departments and the university as a whole. The question was raised about the possible reasons for such an indicator of employment of residency graduates in 2021 as 33% and etc.

A review of the resources showed that they correspond to the goals and objectives of educational activities. For example, when visiting the City Cardiology Center with a total bed capacity of 180 beds and 25-day hospital beds, which is sufficient for training residents. In addition, the university staff ensures collegial and ethical relations with the medical staff, the management of the clinical base to achieve the final results of the training of residents. A sufficient number of thematic patients is provided, modern equipment is available for students, and employees who simultaneously act as teachers and curators (mentors) provide quality training in compliance with ethics and deontology.

Before starting the relevant discipline of the educational programme, the resident receives a syllabus from the teacher and knows what skills he should acquire and develop during the training. The experts attended a practical lesson on the topic: "Thromboembolic complications in coronavirus infection", where residents actively participated in the discussion of the clinical case, demonstrated clinical thinking skills. During the visit, close interaction with the administration of the clinic was demonstrated, residents participated in the reception of patients and in the work of the diagnostic room.

On the last day of the visit to the organization, a meeting of the members of the EEC was held following the results of the external evaluation. A final discussion of the results of the external evaluation of the educational programme, the study of documents, the results of interviews, interviews, and questionnaires was held. EEC members have begun drafting the final report of the EEC. Generalizations of the results of the external evaluation are made. The experts individually completed the "Quality Profile and External Evaluation Criteria for the Educational Programme 7R01101 – Adult and Pediatric Cardiology" for compliance with the ECAQA Accreditation Standards.

No comments were made by the EEC members. The recommendations for improving the

educational programme were discussed by the chairperson Zhanalina Bakhyt Sekerbekovna, and a final open vote was held on the recommendations for the ECAQA Accreditation Council.

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 National Educational Institution "Kazakhstan-Russian Medical University", a high degree of openness of the team in providing information to members of the EEC.

At the end of the programme of the visit, the chairperson of the EEC announced recommendations for the management and employees of the educational organization based on the results of an external assessment as part of specialized accreditation.

Strengths best practice:

1. Availability of a mobile medical complex for carrying out diagnostic and treatment-and-prophylactic measures for the adult and children's population of the Republic of Kazakhstan in emergency situations.
2. Functioning of the Department of Distance Educational Technologies.
3. High commitment and continuity of residents to this university.
4. High level of teaching staff degree, long teaching and medical experience of the teaching staff.
5. Sustainable financial position of the University.

4. The results of the survey.

Observer from ECAQA during the period 15.12. In 2021, an online survey was conducted on the resource <https://webanketa.com/>.

Survey of residents includes 38 questions. Total answered 177 people (total 86 residents for the current year).

Most residents (70.62%) will recommend studying at this educational institution to their acquaintances, friends, relatives

Most of the respondents (70.62%) answered that programme managers and teachers are aware of the problems of students related to learning.

Most of the respondents (72.88%) answered that Programme Managers and teachers involve students in the work of advisory bodies (methodological council, academic council, committees of educational programmes)

Most of the respondents (66.1%) are satisfied with the conditions and equipment of classrooms, classrooms of this educational organization

Most of the respondents (68.93%) are satisfied with the conditions for rest and meals for students (rest rooms, benches / gazebos on the territory, buffet-dining room) in between classes

Most of the respondents (68.93%) answered that office equipment (computers, laptops, printers) are available for students in classrooms and practice bases

Most of the respondents (78.53%) answered that teachers provide students with methodological and didactic materials, additional literature to prepare for classes

79.1% of respondents answered that the educational organization has access to the participation of students in research work

72.32% of respondents are satisfied with the library stock/resources

79.1 % of respondents are satisfied with access to electronic educational resources

71.19% respondents are satisfied with the availability of medical services for the student

82.49% of respondents are satisfied with the activities of mentors, curators, supervisors

91.53% of respondents answered that teachers and employees of the educational organization treat students with respect

75.71% of respondents answered that the organization of education has and implements social programmes to support students

76.27% of respondents answered that the university has student career counseling services

80.79% of respondents answered that in the organization of education, a system of self-study of students, residents, undergraduates, doctoral students and listeners has been established

65.54% of respondents rated the organization of clinical (practical) training as excellent

70.62% of respondents answered that there is sufficient time for practical training (patient supervision, clinical rounds, clinical reviews)

81.36% of respondents are completely satisfied with the schedule of training sessions in the disciplines of the educational programme

81.36% Satisfied with the methods of assessing my knowledge and skills

77.97% completely satisfied with the content of the educational programme (list of disciplines) in the chosen specialty meets my expectations

73.45% answered that teachers in the classroom regularly use active and interactive teaching methods

88.7% answered that the teacher is not late for the start of classes

79.66% answered that feedback is constantly provided

84.18% answered that the teacher (mentor, curator) of this educational organization is an example for me as a professional doctor, a person (ethics, communications, appearance, speech)

76.27% noted residual number of patients to supervise or assist in operations

74.58% - like to study in this educational institution

88.14% - satisfy relationships with fellow students, colleagues, medical staff

80.23% did not experience a negative attitude of teachers

78.53% are satisfied that they study in this educational organization

92.66% noted the availability of the leadership of the educational organization for students

46.89% are currently engaged in research work

At 38.98% there are published works (articles, abstracts, reviews) published during the training in this organization of education

83.05% answered that this educational organization allows you to acquire the necessary knowledge and skills in your chosen specialty

79.66% satisfied with the organization of teaching

79.1% expressed positive opinion on the work of the External Expert Commission for the accreditation of this educational organization

75.14% believe that it is necessary to accredit educational organizations or educational programmes

63.84% Involved managers and/or teachers in preparation for institutional or specialized (programme) accreditation

Thus, the results of the survey of students showed satisfaction with their educational process, resources, educational programme, teachers, administration, there is a lack of involvement of students in the research process.

The results of the survey of teachers of NJSC "Kazakhstan-Russian Medical University" (KRMU)

As part of the external evaluation programme, on December 15, an ECAQA observer conducted an online survey that included 23 questions to draw conclusions about the attitude of teachers to the organization of the educational process and identify existing problems.

The total number of teachers on the list is 67, including those with experience up to 5 years - 40.3%, up to 10 years - 13.43%, over 10 years - 46.27%.

Of all the respondents, 34.33% teach according to the educational programme of the residency specialty.

Fully satisfied with the organization of the educational process 85.07%, partially - 10.45%, partially disagree - 4.48%.

According to the survey, 80.6% of teachers fully agree that ethics and subordination are observed in the KRMU, the remaining 13.43% believe that it is partially.

76.12% of respondents are completely satisfied with the organization of labor and the workplace, 16.42% are partially satisfied, and 1.49% (1 person) are completely dissatisfied.

There is an opportunity for career growth and development of competence for teachers in the organization: 79.1% fully agree, 13.43% partially agree.

73.13% of respondents fully agree that teachers in this educational organization have the opportunity to engage in scientific work and publish the results of research, 17.91% agree partially, and the remaining 5.97% (4 people) completely disagree.

According to the results of the survey, 50.75% of respondents are completely satisfied with the salary, 17.91% - more NO than YES, 11.94% - more YES than NO, 10.45% did not give an answer, 8.96% disagree.

83.58% of the teaching staff expressed full satisfaction with the work of the HR service, 13.43% partially.

74.63% of respondents studied at professional development courses for one year, more than 5 years ago - 8.96%, 13.43% - no answer.

62.69% of respondents fully agree that the organization has enough equipment and resources to conduct training for residents under accredited programmes, 25.37% agree partially.

According to the results of the survey, 79.1% of teachers fully agree that they can be realized as professionals in their specialty in this educational organization, and 16.42% partially agree, 4.48% partially disagree.

58.21% confirmed that they are personally involved in the development of methodological materials for the residency programme, 37.31% did not participate.

71.64% of the teaching staff positively assessed the timeliness of fulfilling applications for the purchase of methodological and didactic materials, office equipment, stationery to support the educational process, 4.48% - not in a timely manner.

Regarding participation in conferences (international, republican), 29.85% answered that they were paid for travel, travel allowance, registration fee, 2.99% do not pay any expenses and did not contact the management about this - 26.87%.

The majority of respondents (76.12%) fully agree that residents have free access to patients at clinical sites and all conditions for improving practical skills, 14.93% agree partially.

Publication activity was assessed on a scale of 5 points - 23.88%, 4 points - 19.4%, 3 points - 16.42%, 2 points - 1.49% and 1 point - 8.96%

44.78% know about the implementation of social programmes to support teachers, 40.3% do not know about it, 7.46% doubt the answer.

Of all the respondents, 68.66% note that the management of the organization systematically listens to the opinion of teachers regarding questions on the educational process, research, clinical work, 13.43% believe that sometimes, 13.43% did not give an answer.

In the process of training residents, a variety of teaching methods are used, but more often analysis of situational problems (67.16%), compiling and solving cases (29.85%), work in small groups (71.64%), problem-based learning (41.79%), interactive learning (59.7%), oral questioning of students (70.15%), oral discussion of the topic (80.6%), test solving (58.21%), practical training in clinical skills in the classroom clinical center (43.28%).

68.66% of respondents fully agree that this survey is useful for developing recommendations for improving the key activities of this organization, 22.39% partially agree with this, 7.46% found it difficult to answer.

23.88% of teaching staff were included in the internal self-assessment commission, 8.96% were engaged in technical support, 13.43% wrote sections of the report, and 28.36% collected information for annexes to the report.

26.87% of teaching staff answered that they would like to become an accreditation expert of the Eurasian Center for Accreditation and Quality Assurance in Higher Education and Health Care, I doubt the answer - 16.42%

conclusions: Thus, the survey included 34.33% of residency teachers, about 80% of teaching staff are satisfied with the organization of work at the university, educational, scientific work, working conditions, career opportunities, personnel work, opportunities for professional development, have free access to patients at the university's clinical bases, 50.75% are satisfied with the salary, only 58.21% participated in the development of an educational programme in the discipline that I teach, participation in conferences (international, republican) is not sufficiently supported, low publication activity, the implementation of social support for teachers was noted by about 50%, about 80% apply oral analysis

of the topic of the lesson and approximately 50% of the teaching staff were involved in preparations for the accreditation of educational programmes.

The results of the survey generally demonstrate satisfaction with the educational process, the resources of the clinical base, the competencies of teachers, and also indicate the existence of a centralized management of educational programmes.

5. Analysis for compliance with accreditation standards based on the results of an external evaluation of the educational programme 7R01101 - "Adult and Pediatric Cardiology"

Standard 1: MISSION AND END OUTCOMES

Evidence of compliance with the standard:

1.1 Mission and deliverables statement

The mission of the university is an innovative, socially oriented, practice-oriented, internationally recognized university.

Vision of the University - The University is recognized at the national and international level, maintaining active communication with all stakeholders, implementing a flexible model for preparing students for higher and postgraduate education programmes, including through the digitalization of processes. Informing the Learning Mission is brought to the attention of the teaching staff at cathedral meetings, also held by the administration, supervised by the deans. The mission is brought to the attention of students at curatorial hours, meetings with deans, posted on the information stands of the university buildings, the official website of the university www.medkrmu.kz, as well as through information booklets.

The mission of the educational programme of the specialty 7R01101 - "Adult and Pediatric Cardiology" is aimed at training competitive specialists who are able to meet the needs of society in the provision of medical care, apply and develop advanced innovative technologies in practice and science, use the achievements of information and communication technologies, improve public health. Duplicates the purpose of the EP

1.2 Professionalism and professional autonomy

The formation and development of professionalism and professional autonomy is provided for by the results of the residency graduate training: LO-3 Safety and quality: able to assess risks and use the most effective methods to ensure a high level of safety and quality of medical care), LO-4 Public Health: able to act within the legal and the organizational field of the health care system of the Republic of Kazakhstan in their specialty, work as part of interprofessional teams to implement the policy of promoting the health of the nation.) and LO-6 Training and development: able to learn independently and train other members of the professional team, actively participate in discussions, conferences and other forms of continuous professional development).

Learning outcomes in 9 disciplines of the compulsory component (100% of 9 disciplines) and 2 disciplines of the elective component implement LO-3 - Safety and Quality, in 8 disciplines of the compulsory component (89% of 9 disciplines) develop LO-4 - Public Health and 2 elective disciplines, 9 compulsory disciplines (100% of 9 disciplines) and 2 elective disciplines contribute to the development of LO-6 - Training and Development. This moment just creates the formation of professionalism and promotes the professional autonomy necessary for a health care professional.

As a result of training, a resident in the specialty 7R01101 - "Adult and Pediatric Cardiology" receives a holistic vision of the doctor's work processes. So, for example, a resident, under the supervision of a manager / mentor, receives special knowledge and develops practical skills. The EP presents the list of practical skills recommended by the SCES, their number and the level of implementation of the training results.

1.3 Learning outcomes

In the EP specialty 7R01101 - "Adult and pediatric cardiology", developed within the framework of the SCES residency (about discussion of the State Educational Standards and TEPs of residency in 2020 was held at a meeting of the EMO in the direction of training - Health care on June 19, 2019 No. 5.) and Qualification characteristics of a doctor (order of the Minister of Health of the Republic of Kazakhstan dated December 21, 2020 No. ҚР DSM-305/2020 "On approval of the nomenclature of specialties and specializations in the field of health care, nomenclature and qualification characteristics

of positions of health care workers”), the main end results of the resident’s training are taken into account.

The end results include the knowledge, skills, need for analysis, communication skills and continuing education of the resident, which form the core of the cardiologist's knowledge and skills.

1.4 Participation in the formulation of the mission and deliverables

The main (internal) stakeholders involved in the process of forming the mission of the EP include: students, teachers, clinical mentors involved from clinical sites, administrative staff, advisory and advisory bodies of the MEO, graduates.

When forming the programme, its goals, final results, a discussion was held at the level of: student audience, graduates (discussion of opportunities), department staff (discussion in the working group, at a meeting of departments / courses), at a meeting of the CEP (dated 14.05.2020 No. 5), on the Academic Council (dated August 28, 2020 No. 5) and the Academic Council of the University (dated August 12, 2020 No. 5). Corrections were made to the general structure of the programme, to the formation of its goals and results. So, when uploading to the Republican Register of educational programmes, it was reviewed and then adjusted with the participation of external reviewers. Based on the results of the formation of applications from interested parties, proposals were made to the catalog of elective disciplines.

External stakeholders involved in formulating the mission and outcomes include: employers (including potential ones), National Public Professional Associations, health care organizations.

To improve all areas of the university, including the mission, the university has introduced a system for collecting and analyzing feedback from consumers through internal and external monitoring. The following subdivisions are involved in the implementation of monitoring: the department of the QMS, EMO, OC, CEP, the scientific department, the clinical department. Feedback results are taken into account when planning work for improvement. In general, the use of feedback contributes to a better understanding of the current needs of students and teachers and is systematic when making changes to the educational programme. An example of the effective use of feedback is the annual survey of employers studying to assess the level of satisfaction with educational programmes, a survey of interns after completing field practice.

Conclusions of the EEC according to the criteria. Out of 17 standards conform: completely -17, significantly - 0, partially - 0, do not correspond - 0.

Standard 1: completed

Recommendations for improvement identified during the external visit: none.

Standard 2: EDUCATIONAL PROGRAMME

Evidence of compliance with the standard:

2.1 Key parameters of the postgraduate medical education programme

When compiling the learning trajectory, the sequence of passing modules / disciplines was observed, taking into account pre- and post-requisites, the content of which is aimed at achieving knowledge, skills and abilities, providing a stepwise approach to their study.

All learning conditions are provided with consistency, continuity of their content, consistent development of all competencies depending on the specialty, takes into account the logic of the academic interconnection of disciplines, their continuity. The model of the educational programme based on the established final results of the training of residents and the qualifications they receive is also ensured by the transparency of training. Residents and teachers are informed about the necessary competencies that both students and teachers acquire. This happens in conditions of openness and awareness of the successes of residents. The structure and content of the EP comply with the requirements of the State Educational Standard of the Republic of Kazakhstan 2017, 2020, approved by order of the Ministry of Health of the Republic of Kazakhstan No. 647, in accordance with the name of the programme and specialty.

The equipment of clinical bases makes it possible to effectively implement active learning methods (analysis of clinical cases, maintaining medical records, examination of the quality of medical care, patient management, training in the clinic with the participation of a real patient, training in primary

health care, attending medical conferences, consultations, teaching using web technologies); learning through research (participation in the NSC).

Assessment of residents is based on the principles of academic integrity. Academic integrity is the main principle of the learning process. In order to avoid plagiarism, all types of written works (controls, essays, term papers, diplomas, dissertations) of students are checked according to the Rules for using the Antiplagiat system.

The training of residents at clinical sites is carried out under the guidance of curators who are appointed from among the teaching staff who have a doctorate degree, a candidate of medical sciences, as well as the highest or first qualification category. In addition to the curator, the resident is assigned a mentor - a highly qualified practical health doctor. Feedback between mentors and residents is carried out by regularly questioning the staff of the clinical base about the activities of the resident. Questioning residents about the work of the curator and clinical mentor using the Google platform. <https://docs.google.com/forms/d/1mo8teEJJUrv5K7zeWaIse0UV0dv5pgOJlsQuUjXjFw/edit?usp=sharing>). The principle of equality means equal treatment of students regardless of gender, nationality, religion, socio-economic status and takes into account physical capabilities.

2.2 Scientific method

EP 7R01101 - "Adult and Pediatric Cardiology", along with the development of clinical skills, provides for the involvement of residents throughout the entire period of study in the implementation of scientific activity, which he performs under the guidance of a specially appointed mentor from among experienced doctors and under the supervision of the head of residency, taking into account the personal interests of students. Attracting residents to carry out small research projects carried out as part of the development of the EP develops in students the dignity (qualities) of a researcher, teaches research methods and skills used in modern scientific practice. The implementation of these strategies is ensured by a whole range of activities implemented within the classroom and extracurricular components of the EP in the study of both compulsory and elective disciplines. Thus, the CED includes such disciplines as "Evidence-Based Medicine", "Research Management", residents participate in projects in the work at the PMK.

Each discipline of EP 7R01101 - "Adult and Pediatric Cardiology" includes training from the standpoint of evidence-based medicine, research management and public health, teaching the search for reliable and high-quality information, the ability to differentiate it by degree of value and effectively use it in clinical practice and research work. Residents, combining academic training with on-the-job training in PHC, use the knowledge of evidence-based medicine in practice at all levels of medical care using clinical diagnostic and treatment protocols of the Ministry of Health of the Republic of Kazakhstan based on evidence-based medicine. The EP provides for, as part of the implementation of the IWR, the training of residents in the skills of critical evaluation of literature, articles and scientific data by writing abstracts, presentations in accordance with the thematic plan of the discipline, essays on topical problems of diagnosis and treatment of diseases of the most common diseases

2.3 Content of the residency programme

Educational programme for specialty 7R01101 - "Adult and pediatric cardiology" was developed in accordance with SCES 2017, SCES 2020 and is designed for 210 credits: major disciplines - 201 credits, elective component - 8 credits, intermediate certification - 4 credits, final certification - 2 credits.

Major disciplines are represented by disciplines: "Internal Medicine" 14 credits, "Children's Diseases" 5 credits, "General Cardiology, Adult" 76 credits, "General Cardiology, Pediatric" 20 credits, "Intensive Cardiology, Adult" 16 credits, "Intensive Cardiology, for children" 10 credits, "Electrophysiology of the heart" 19 credits, "Non-invasive cardiovascular imaging". The elective component (8 credits) can be selected from the presented disciplines: "Diagnosis and treatment of emergency conditions in cardiology" - 4 credits, "Chronic heart failure. Indications for surgical treatment" - 4 credits, "Evidence Based Medicine" - 4 credits.

For in-depth training within the framework of residency, the main clinical bases are centers of highly specialized medical care of regional and republican significance, where residents begin independent clinical practice. Residents lead patients, together with teachers, determining not only clinical, but also social aspects of the disease, determine the tactics of managing patients, get acquainted with the plan for examination and treatment of the patient, learn teamwork using communicative competence (contacts with doctors of various departments, middle and junior medical personnel).

The achievement of the final learning outcomes, the development of competencies, is facilitated by the applied innovative technologies: TBL, CBL, interdisciplinary training with a discussion of clinical cases, allowing the resident to enter the role of a practicing doctor, a specialist doctor of the appropriate profile with an interdisciplinary approach. Conducting an audit examination of medical records allows the Resident to master the skill of an expert. Implementation of scientific projects (RBL) develops the skills of a researcher, medical expert, manager.

The Department of General Medical Practice with a cardiology course studies the needs of the region and the labor market and offers elective disciplines. The list of disciplines of the elective component is discussed with employers. Students participate in the formation of the EP, because when compiling the list of elective disciplines, data on the analysis of residents' satisfaction with the educational process are taken into account. In addition, when forming the EP, the needs of employers and practical health care are taken into account. (<https://drive.google.com>).

2.4 Programme structure, content and duration

The structure of the EP residency by specialty 7R01101 - "Adult and pediatric cardiology" is formed from various types of educational, scientific and clinical work, practice that determine the content of education, reflects their correlation, measurement and accounting by the department of academic work in accordance with the State Educational Standard, TEP and the list of selection components, agreed with the Vice-Rector for Academic Affairs. An individual curriculum is formed for each resident for the entire period of study, agreed with the curator and approved by the head of the department / course. The individual curriculum reflects disciplines, the number of hours in sections and disciplines, forms of knowledge control. The syllabuses indicate the place and time of training consultations for each resident.

The number of hours for three years of study is 6,300. With a three-year study programme, residents master 210 credits, 8 of which fall on CPV - elective disciplines.

2.5 Organization of training

The departments of the National Educational Institution "KazRosmeduniversity", headed by the head of the course, determine the clinical bases where the resident will be able to get maximum access to patients according to his profile of the residency educational programme. When compiling the staffing table for the new academic year, for conducting classes with residents, a mandatory requirement for teachers is the presence of an academic degree, academic title and work experience. The number and composition of the teaching staff are planned based on the needs of the educational process, the standard teaching load per full-time teacher and the contingent of students and is a ratio of 1:3. Residents are active participants in joint activities with the teaching staff to receive higher education, and have the right to participate in the assessment of educational activities by participating in the CEP (order dated 28.08).

2.6 Relationship between postgraduate medical education and health care delivery

Mentoring is carried out on the basis of the Regulations on the clinical mentor, approved by the protocol of the scientific and clinical council No. 18 of 06/17/2019. Clinical mentors accompany the student at the clinical base of the department.

Curators and a mentor in the course of daily work give specific recommendations for further improving professional skills, mastering the norms of medical ethics and deontology, and raising the general educational and cultural level.

Availability of clinical bases in the largest multidisciplinary medical clinics and polyclinics of the city of Almaty and the regions provide an opportunity for residents to master the process of patient management tactics on an outpatient basis, continuity between the primary and inpatient levels of care, interaction as part of a multidisciplinary team, and assistance in emergency situations. Patient curation allows residents to master diagnostic and therapeutic procedures in the course of daily clinical activities. Multidisciplinary clinics have a wide profile of departments and emergency conditions, which allows residents to see and supervise a sufficient number of patients with a variety of pathologies corresponding to the cycle of conducted disciplines.

Conclusions of the EEC according to the criteria. Out of 31 standards conform: completely -30, significantly - 1, partially - 0, do not meet - 0.

Standard 2: completed

Recommendations for improvement identified during the external visit:

1) When planning, discussing, approving and reviewing the educational programme, observe due representation of all interested parties (2.5.2).

Standard 3: ASSESSMENT OF STUDENTS

Evidence of compliance with the standard:

3.1 Assessment methods

General policy, principles, methods for assessing residents by specialty 7R01101 - "Adult and pediatric cardiology" at the University are reflected in the following internal documents: Academic policy of the university, Regulations on the ongoing monitoring of progress, intermediate and final certification of students at the National Educational Institution "KazRosmeduniversitet", approved by the Academic Council dated April 24, 2020 No. 1. The list of compulsory disciplines for the final control during the academic period is regulated by the disciplines passed, which are reflected in the WC.

The form of midterm and final control is approved by the Academic Council. For testing, a technical specification is compiled - a matrix of test tasks, which is reflected in syllabuses. To ensure maximum objectivity and transparency of the assessment process, the department / course has developed checklists for conducting current, midterm and final control in the discipline (Mini-cEX, CbD, OSCE,).

The final control in the discipline is determined by the assessment of the final learning outcomes and is reflected in the syllabus. To assess the assimilation of practical and communication skills of residents, the Simulation Center uses the methods of an objective structured clinical exam, develops scenarios, and conducts a mini-clinical exam.

The final state certification is carried out in 2 stages: knowledge assessment (comprehensive testing in all disciplines and skills assessment (mini-clinical examination at the bedside).specialty 7R01101 - "Adult and Pediatric Cardiology" during the entire period of study, a portfolio is formed that corresponds to the final goals of the programme and contains uniform reliable and valid criteria for evaluating the student's performance. The assessment is carried out according to the checklists developed by the staff of the departments / course implementing the training of residents inspecialty 7R01101 - "Adult and pediatric cardiology."

The possibility of an appeal based on the results of the intermediate and final certification of residents is determined in the "Academic Policy of the University", which spells out the procedure for filing an appeal. The results of students' educational achievements are entered into an electronic educational journal through the office-registrar system and the Platonus AIS programme, which automatically generates examination sheets. The electronic educational journal is filled in in accordance with the calendar and thematic plan, in accordance with the schedule and the dates of the current, boundary and final controls reflected in the syllabus.

3.2 Relationship between assessment and learning

Assessment methods are fully comparable with the methods of teaching and learning and cover the assessment of all competencies of students both during practical classes and during exams. The main principle of assessing the educational achievements of residents, which forms a holistic understanding of the discipline, the importance of its elements from the perspective of future professional activity, is continuous control over the learning process, the formation and consolidation of acquired skills. To successfully pass the final control, the resident must master the educational programme and master the key competencies of the future doctor. The programme of the second stage of the Final certification according to the method of mini-clinical examination, (PBL), (TBL), solving situational problems, OSCE includes the assessment of all the skills of the future doctor.

EEC conclusions by criteria. Correspond from 11 standards: completely - 10 significantly -1, partially - 0, do not correspond - 0.

Recommendations for improvement identified during the external visit:

1) Develop, implement and improve mechanisms for the reliability and validity of assessment methods (3.1.6).

Standard 4: STUDENTS

Evidence of compliance with the standard:

4.1 Admission policy and selection

Admission to residency specialty 7R01101 - "Adult and pediatric cardiology" is carried out in accordance with the regulatory documents of the Republic of Kazakhstan and the Rules for admission to the residency of the National Educational Institution "Kazakhstan-Russian Medical University" for the current academic year specialty 7R01101 - "Adult and pediatric cardiology."

The university has an admission committee. The resident consulting service is represented by the admission committee, the residency department (head, 2 chief specialists, 2 specialists), employees of the registrar's office, DLT, libraries, curators, clinical mentors, accounting department. The procedure for conducting exams is presented, during which an examination committee is formed, which includes the most experienced, qualified teachers of the university who have a degree.

4.2 Number of residents

The number of accepted residents is regulated by the state order of the Ministry of Health of the Republic of Kazakhstan for the training of medical personnel and taking into account the possibilities of clinical, practical training, the maximum allowable workload for mentors, the provision of educational, educational, methodological and scientific literature, the throughput of clinical bases, as well as the material and technical resources of the NEI "Kazakh-Russian Medical University". The number of residents in the specialty 7R01101 - "Adult and Pediatric Cardiology" per teacher is 1:3.

Every year, taking into account the needs for medical personnel, a request is sent to the University about the needs of scientific and pedagogical personnel and clinical specialties of residency in the Ministry of Health of the Republic of Kazakhstan.

Questions on admission to residency educational programmes are posted on the university website <https://krmu.edu.kz/rezidentura-3/>. Training documents, working curricula, syllabuses, requirements for the educational process, acts, orders, etc. are posted on the website of the National Educational Institution "Kazakhstan-Russian Medical University". An analysis of the health care needs for specialists in a particular area of medicine is carried out annually (demographic and medical statistics, reports of the regional Health Departments of the Republic of Kazakhstan). The management of the National Educational Institution "Kazakhstan-Russian Medical University" and the heads of medical organizations of practical health care agree on this information, which results in the formation of a state educational order for training personnel in the field of health care with postgraduate education (residency).

4.3 Support and advice to residents

The university has a system of academic consulting for residents at the departments. The resident is assigned a curator who provides the functions of an academic mentor, participates in the formation and implementation of an individual curriculum, manages the educational and scientific activities of the student, and assists in finding a job. The curator is appointed from among the faculty of the department. In addition, the resident is assigned a clinical mentor in the medical organization where the resident is trained. Its function is to direct the resident to master the practical skills and competencies necessary for the resident in the process of his education, which is reflected in the Academic Policy of the University.

Resident students have the opportunity to receive legal advice from a legal adviser, psychological support from a full-time teacher-psychologist.

Before the start of each examination session, the department / course develops and approves a schedule for consultations on disciplines. Experienced teachers, associate professors, professors are involved in the consultation. In addition, before the start of each semester, the teacher of the group informs his residents about his work schedule, the time when residents can seek advice on this discipline.

Residents are consulted based on the results of assessment and questioning of residents. During the academic year, it can be presented both in person and remotely (on-line, in chats, etc.).

4.4 Representation of residents

Students who study together with the teaching staff of the university have a real opportunity to participate in the assessment of the specialty EP in the course of direct discussion and approval of work programmes, at the level of developing an individual working curriculum and elective disciplines (order for the composition of the CEP No. 2020)

Residents with feedback on the educational process contribute to the most adequate development of the EP, other regulatory documents for the formation of a highly qualified specialist.

4.5 Working conditions

Resident doctors are provided with holidays between academic periods. The duration of vacations during the academic year is at least seven weeks, with the exception of the graduation course, in accordance with the state compulsory standard for residency in medical specialties and the educational programme for residency specialties.

Combining education with work (no more than 0.5 rate) in areas close to his future specialty if he has a specialist certificate in his free time with the consent of the curator, head of the department and residency sector.

According to the concluded clinical agreement between the University and the base clinic, residents under the supervision of doctors (mentors) of the base institution are allowed to supervise patients and take shifts. The teaching load of residents is compiled in accordance with the Law of the Republic of Kazakhstan "On Education".

Conclusions of the EEC according to the criteria. Out of 30 standards conform: completely - 29, significantly - 1, partially - 0, do not correspond - 0

Standard 4: completed

Recommendations for improvement identified during the external visit:

- 1) Provide for the inclusion of resident organizations or individual active residents in the process of developing a policy for the admission and selection of residents (4.1.8).

Standard 5: FACULTY

Evidence of compliance with the standard:

5.1 Recruitment and selection policy

The University has developed and successfully operates the Human Resources Policy, which reflects: the selection and admission of employees, the development and activities of employees, the promotion of employees, etc. Analysis of the quantitative and qualitative composition of the teaching staff, monitoring and evaluation of pedagogical activity are objects of constant attention from the management University.

The selection of candidates for positions is carried out solely on the basis of competitiveness and merit, ensuring equal access of candidates to occupy the relevant positions, taking into account qualifications, professional indicators, and experience. Competitive selection is carried out on the basis of the current Regulations on the competitive replacement of positions of faculty and researchers, approved by order of the rector No. 26-02-44-n / κ dated November 27, 2020. The university has developed regulations on departments, job descriptions with the contents of which are familiar to all employees. Control over the performance of official duties of the teaching staff is carried out by the heads of departments, deans of faculties.

5.2 Teacher commitment and development

The activities of the teaching staff are planned in accordance with the individual plan of the teacher, which is discussed and approved at the cathedral meetings of the departments / courses involved in the preparation of residents.

The system of professional and pedagogical improvement of teaching staff includes the following units: School of Teachers, Institute of Postgraduate Education (IPE), winter and summer schools, which contribute to the formation and development of the competence and potential of teaching staff.

For the 2019-2021 academic years, the teaching staff of the course underwent advanced training in the main specialty, in distance learning technologies, in testology. Monitoring the work of the teacher and the achievement of the intermediate and final results of the residency educational programme is carried out using external and internal evaluation systems. The system of internal evaluation is guaranteed and carried out through intra-departmental control. The system of external evaluation, monitoring of the work of the teacher and the achievement of the intermediate and final results of the educational programme for residency is carried out through the annual certification of the teaching staff for all types of activities, including residency work. The external evaluation system is carried out through the QMS standards.

Conclusions of the EEC according to the criteria. Out of 7 standards conform: completely - 6, significantly - 1, partially - 0, do not correspond - 0.

Standard 5: completed

Recommendations for improvement identified during the external visit:

- 1) Develop assessment criteria that characterize the activities of teachers and mentors (5.2.3).

Standard 6: EDUCATIONAL RESOURCES

Evidence of compliance with the standard:

6.1 Logistics and equipment

To implement the residency programme in the specialty 7R01101 - "Adult and Pediatric Cardiology", the University has a significant material and technical base for the educational process. Equipped with all the necessary equipment, visual aids, educational material in electronic form, with methodological developments for each discipline, and innovative technologies for interactive teaching methods. This allows you to ensure that the educational process is carried out in accordance with the standards of education.

In order to form the competencies of students in December 2011, the Training and Clinical Center (TCC) was organized, which includes 11 specialized rooms with a total area of 190 m² with sufficient equipment.

As part of the implementation of programmes on innovative technologies in 2009, a Mobile Medical Complex (PMC) was formed to examine and provide free medical care to socially vulnerable groups of the population, to identify socially significant diseases (tuberculosis, oncology, cardiology). In the Annual plan, the departments / courses provide information on recommended applications for improving the material and technical base. The Department of Financial Work analyzes information from departments, determines the feasibility of planned purchases, repairs and acquisitions.

Safe training and a safe environment for students, teaching staff and administrative workers at the university is provided by the Security Service Department and the paramilitary guards of Bars LLP.

6.2 Clinical sites

The University has signed cooperation agreements with 85 medical organizations, located in Almaty, Almaty region and regions of the Republic of Kazakhstan. Cooperation agreements with clinical bases are drawn up taking into account the needs of the university in the profile of patients, the level of medical care provided by medical institutions, the availability of study rooms, laboratories.

6.3 Information technology

Information support for the work of residents is carried out through: mass media (Facebook, Telegramm, etc.) University website; television monitors in the foyer of educational buildings; official information boards of the residency department and departments of the university.

Information and communication technologies, including Internet resources, international databases of scientific and educational literature, electronic textbooks are actively used in the implementation of the educational programme for residency,

The university has a test center for 122 seats, 3 computer science rooms for 39 seats, a language laboratory for 15 seats, and an electronic library room for 22 seats. The total number of computers is 500 pcs.

The university has an established system of electronic document management of internal documents. Internal document flow is carried out through corporate e-mail of employees and structural divisions of the university. Automation, in accordance with the credit technology of the organization of the educational process, is carried out with the Platonus information system. Situational monitoring is carried out from video surveillance systems in the administrative, academic buildings and visual control of the outer territory of the university. The university also has an Internet connection with a speed of 100 Mb/s, through which students, teaching staff and staff use the Internet services in the electronic library hall, computer science room, during classes, students have the right to use the Internet if necessary.

The corporate WI-FI network provides 100% coverage of educational and administrative buildings. Access to the corporate Wi-Fi network is provided to students and employees of KazRosmedUniversity registered in the corporate network of the university.

The university has formed bases of educational information resources, to which there is access from the internal network of the university. The distance learning system is based on AIS Moodle.

The University Library Fund is also universal in that it consists of documents placed on remote technical means.

The teaching staff is constantly trained to work with the world databases of scientific and scientific-methodical literature. Computer classes are organized at each clinical base. This guarantees access to new achievements in science and practice, new legislative acts, clinical protocols, through the addresses, websites, links of necessary sources indicated in the syllabuses and methodological recommendations. Students are provided with the names of the sites of the Ministry of Health of the Republic of Kazakhstan, the Republican Center for Health Development of the Ministry of Health of the Republic of Kazakhstan, where there is information on clinical.

On March 16, 2020, the Department of Distance Educational Technologies (hereinafter - DDET) was created in the structure of the university to organize and support the educational process using distance learning technologies. For effective communication and technical support for students and teaching staff of the university, the work of the call center of the DET department was organized. About 300 video lectures were filmed in the video studio of the DET department to ensure high quality of education. In January 2021, in accordance with the plan for advanced training of university staff, the annual Winter School - 2021 for teaching staff was held, as part of which the online course "Distance Educational Technologies" was held. In the second semester of the 2019-2020 academic year, the teaching staff of the university, together with the DET department, created 43 online courses for residents. The standard course includes lectures,

6.4 Clinical teams

Resident training programme for specialty 7R01101 - "Adult and pediatric cardiology" to the skills of working in a team and effective interaction with other health care professionals includes direct work of residents together with employees of clinical bases in all areas of their activity, participation in selector republican and city meetings, in scientific and practical conferences, work in multidisciplinary teams. Working in multidisciplinary teams in choosing the tactics of managing the most difficult patients increases the responsibility of residents when they see that the effectiveness depends on the correct organization of teamwork. In such situations, the resident performs all work within the limits of his competence.

6.5 Medical research and developments

The main applied scientific direction of the university is the development of innovations for implementation in practical health care, including the development of mobile medicine for the rural population. Thus, an initiative research project was carried out on the topic: "Improving the provision of medical care to residents of rural regions at the PHC level using mobile mobile complexes."

The use of mobile medical complexes allows, on the basis of the capacities of any medical institution, to deploy a modern medical clinic organized according to a modular principle. Every year the university holds a competition of student scientific papers dedicated to the "Day of Science". The winners of this competition are sent to participate in the 2nd round of the republican competition. When performing the work "Providing primary medical care to the population of the regions of the Republic of Kazakhstan using mobile medical complexes (FAP)", the trips were carried out by interns, residents. When performing the work "Providing psychological assistance to families with disabled children", counseling was carried out by specialists of the KRMU together with residents.

6.6 Educational expertise

Examination of the quality of the implemented educational programme of residency is a mandatory stage of the educational process and is carried out by the following departments / organizational structures of the university: departments (planning, development, implementation, monitoring, evaluation, revision of the EP), the Committee of Educational Programmes (planning, development, monitoring, evaluation, revision of the EP), Department of Academic Work (coordination, control of compliance with NLA, monitoring, evaluation of the EP), Department of Residency (implementation, monitoring, revision of the EP), Department of Strategic Development and QMS (approval, monitoring, evaluation, revision of the EP), Academic Council (approval, evaluation, revision of the EP), Educational Council (approval, evaluation, revision of the EP). The composition of the collegial advisory bodies (CEP, AS, SC) includes teachers, representatives of professional associations, employers, students. order for the composition of the CEP No. 26-02-15-n / κ dated 08.28.2020).

6.7 Training in other institutions

To organize and implement academic mobility, the University has organized a department of academic mobility, which is actively working to establish partnerships with Kazakhstani and foreign universities, pursues a policy for their implementation with educational institutions and organizations of the Republic of Belarus, the Kyrgyz Republic, the Russian Federation, Turkey and France. In the 2021-2022 academic year, the UPI was revised in the specialty 7R01101 - "Adult and Pediatric Cardiology" and the academic mobility of resident doctors is planned.

Conclusions of the EEC according to the criteria. Out of 21 standards conform: fully -18, significantly -3, partially -0, do not meet - 0

Standard 6: completed

Recommendations for improvement identified during the external visit:

- 1) Ensure integration and balance between practical training and research (6.5.1).
- 2) Provide appropriate time in the programme for the preparation of residents for scientific research (6.5.4).
- 3) Develop research in education (6.6.3).

Standard 7: PROGRAMME EVALUATION

Evidence of compliance with the standard:

7.1 Monitoring and evaluation mechanisms

Within the framework of the general system of monitoring the quality of education, which consists in assessing: the management of the EP (the level of the teaching staff, the organization of the educational process, regular assessment of the level of achievement of the goals of the programme, the demand for graduates); implementation of the EP (curriculum, standard programmes of disciplines, methodological and information support, infrastructure, educational technologies, research and development); EP results (intermediate certification, final certification). Monitoring and evaluation of the EP is carried out at all levels, a multi-level approach is used, including the profiling / graduating and related departments, the residency department, the profile CEP of postgraduate education, the OAR, the Academic Council, the Academic Council, the Career Center (general monitoring of the quality of educational programmes through a survey of stakeholders (employers, professional associations and learners).

The mechanisms for evaluating a residency programme include the following types of work:

- 1) Monitoring the provision of the educational process with resources (clinical facilities, educational literature, classroom fund, equipment, teaching staff: teachers, clinical mentors, curators);
- 2) Monitoring the compliance of curricula with the requirements of state education standards;
- 3) Monitoring feedback from stakeholders on the quality of the content of the EP;
- 4) Monitoring the progress of students.

One of the important conditions for continuous monitoring and improving the quality of the educational process is its correction based on feedback with the participation of stakeholders.

7.2 Feedback from faculty and residents

For feedback with teachers and residents, the rector's blog is used, where students and university staff receive answers to their questions about the conditions for the implementation of the educational programme. Representatives of residents are members of the CEP, the Academic Council, where they participate in the discussion of the implementation of the educational programme. The direction of PMC monitoring is ongoing work to determine the satisfaction of internal and external consumers of the university. The total number of respondents in the 2020-2021 academic year is 164 people. The level of satisfaction with clinical practice is 4 points out of 5. There is an Action Plan to improve the satisfaction and expectations of university consumers based on the analysis of a survey to assess student satisfaction with the conditions of study at the university.

7.3 Resident and alumni results

Profile departments collect feedback from students, representatives of practical health care, teachers of other educational organizations in the form of reviews. In 2021, the monitoring direction of the PMC and the Career Center conducted a sociological study "Satisfaction of employers with graduates. 30 employers were interviewed (response rate 60%) from 6 regions and the city of Almaty. The results of a survey of employers on the quality of training of university graduates for 2021 showed that not a single employer rated the quality of training as low.

7.4 Stakeholder involvement

The participation of a wide range of stakeholders in the evaluation and improvement of educational programmes at the university is provided by the authorized bodies in the field of education and health (MoH RK), members of the public, professional organizations, as well as persons and structures responsible for postgraduate education:

1. Ministry of Health of the Republic of Kazakhstan - an independent assessment of the knowledge of residents.

2. Departments of regional health departments - on a bilateral initiative, cooperation agreements were concluded with the university, contracts with 85 clinical bases and medical institutions in Almaty and the regions.

3. Employers (medical institutions of the regional health departments of the Republic) - the creation of an effective system to promote employment and adaptation of graduates to the labor market, correspondence is conducted annually on the quality of training of residency graduates, doctors' reviews are collected on the results of residents' practice.

4. Representatives of the committee for the control of medical and pharmaceutical services and representatives of practical health care - National Educational Institution "KazRosmeduniversitet". widely uses the principle of independent objective assessment, involving as chairperson, members and examiners of the attestation commission for the final attestation of graduates, participate in their distribution. Their opinions and comments are taken into account when planning improvements.

5. Representatives of public associations of doctors (Associations of Nephrologists, Anesthesiologists, Obstetricians and Gynecologists, etc.) organize scientific and practical conferences on topical issues of medical education and specialty.

7.5 Approval procedure for educational programmes

The examination of the EP is carried out by the CEP for compliance with the State Educational Standard, approves the CED according to the trajectories of specialist training, taking into account pre- and post-requisites, evaluates the choice of methods for assessing the results of training of residents. The CEP carries out a systematic study and comprehensive evaluation of the EP in order to improve and guarantee the quality (determining the value of the programme, achieving the goal, achieving the objectives, the degree of compliance with the needs of society, the requirements of employers, the effectiveness of the teaching methodology), as well as assessing the educational and methodological support and support of the educational process, evaluation of the quality of the EP in the areas of specialization. For this purpose, an external evaluation of the EP is carried out by a competent representative of practical health care

Conclusions of the EEC according to the criteria. Out of 15 standards conform: completely - 11, significantly - 4, partially - 0, do not correspond - 0

Standard 7: completed

Recommendations for improvement identified during the external visit:

- 1) Improve the process of monitoring and evaluation of educational programmes by developing an appropriate document (regulations, rules, regulations) and broadly involving residents, employers and other stakeholders in the evaluation of educational programmes (7.1.1).
- 2) Define and implement programme evaluation mechanisms, create an internal quality assurance system in accordance with the Model Rules for the Activities of Educational Organizations of the Respective Types Order of the Ministry of Education and Science of the Republic of Uzbekistan dated October 30, 2018 No. 595. P 34. (7.1.2).
- 3) Evaluate the programme taking into account the mission, expected learning outcomes, content of the educational programme, teaching methods, assessment of knowledge and skills, sufficiency and quality of educational resources (7.1.3).
- 4) Develop a mechanism for evaluating the programme using the collected information on the clinical practice of graduates (7.3.2).

Standard 8: GOVERNANCE AND ADMINISTRATION

Evidence of compliance with the standard:

8.1 Management

In accordance with the Law of the Republic of Kazakhstan "On Education" and other regulatory legal acts regulating the activities of medical higher educational institutions, the university developed and approved documents that define the scope of duties and powers of the university in relation to the residency educational programme, including obligations to ensure the educational process in full with all the necessary information sources: textbooks, teaching aids, teaching aids and developments in academic disciplines, active handouts and instructions for independent work, electronic textbooks, access to online educational resources. The coordination of the implementation, control and monitoring of the implementation of residency programmes in all licensed specialties is carried out by the residency department under the supervision of the Vice-Rector for Clinical Activities.

8.2 Academic leadership

The competence of the governing bodies is determined by the current legislation of the Republic of Kazakhstan, the internal regulations of the university. In accordance with standard documents, the University has developed and approved regulations for each unit that define the structure, management and accountability, goals, objectives and functions of structural units, as well as job descriptions for each position provided for by the staffing table. The obligations and powers of the university in relation to the educational programme in residency specialties are regulated by the current legislation of the Republic of Kazakhstan and the internal regulations of the University. The university annually reviews and approves the Academic Policy, <https://krmu.edu.kz/akademicheskaya-chestnost/>, which regulates in detail the rights, duties and responsibilities of students and the administration of the University, the procedure for organizing the educational process. These Rules fix the officials responsible for the proper implementation of the Rules and the scope of their responsibility. The direct management of residency programmes and the coordination of the activities of residents from the moment the residency exists is carried out by the residency department.

For the purpose of effective management of the educational process, the successful implementation of the Model of Medical Education, the Committee of Educational Programmes (CEP) is functioning at the university.

The Academic Council organizes and considers the implementation of various forms of methodological work aimed at improving the educational process.

8.3 Training budget and resource allocation

The management of the financial and economic policy and activities of the university is the responsibility of the first head of the university - the rector. Financial matters are under the jurisdiction of the Director of the Department of Financial Work and the Chief Accountant of the University, whose duties and powers are established by the job description and the Regulations on the Department of Financial Work. The university budget is formed from two sources: the republican budget (the state order for the training of university and postgraduate education, advanced training of medical workers, the development of scientific research, transfers) and the provision of paid educational services.

8.4 Administration and management

The university has developed documentation on management of a conceptual nature:

1. Strategic development plan;
2. University mission;
3. Quality Policy and Objectives.

Each stage and level in the quality assurance system is regulated by the relevant legal and regulatory documents. The structural subdivision responsible for ensuring the quality of management is the Department of Strategic Development and QMS, which organizes regular audits of the work of departments and structural subdivisions. Internal regulatory documents are open and available on the official website <https://medkrmu.kz/>The staffing table of departments/courses providing educational residency programmes is approved annually, taking into account changes in the number of students.

8.5 Requirements and regulations

The interaction of the National Educational Institution "Kazakhstan-Russian Medical University" with the Ministry of Education and Science of the Republic of Kazakhstan and the Ministry of Health of the Republic of Kazakhstan on the organization of the educational process in residency is carried out through the development and implementation of SCES 2020 and is consistent with the priority areas of the following national legislative and policy documents.

Conclusions of the EEC according to the criteria. Out of 15 standards conform: completely - 15, significantly - 0, partially - 0, do not correspond - 0

Standard 8: completed

Standard 9: CONTINUOUS RENEWAL

Evidence of compliance with the standard:

To ensure a comprehensive and in-depth analysis, the annual work plan of the Academic Council of the University includes the issue "Annual report of the rector on the work done and tasks for the new academic year", which contains an analysis by the management. The rector's report reflects the results of the implementation of the action plan, the results of the university's activities in terms of processes, recommendations and proposals for the past period and tasks for the new period. This document consists of the results of the university activities, problems, ways to solve them and upcoming improvement tasks. All other collegiate bodies carry out the analysis in the format of annual reports at the last meeting.

The ongoing work allows for continuous improvement in various areas of the university. Based on the results of the analysis by the management, decisions are made to improve and improve educational management, justify the need to make changes to the quality management system of the educational programme, including updating educational documentation. All decisions made are documented, on the basis of them, action plans are developed and delegated to the appropriate personnel for implementation.

An example of a process of continuous improvement, approaches to the implementation of the EP of the specialty 7R01101 - "Adult and Pediatric Cardiology", is the active participation of stakeholders (primarily representatives of employers) in the formation of an educational strategy that reflects the social responsibility of the university for the development of advanced innovative technologies in medical practice and science, using the achievements of information and communication technologies, as well as improving the health of the population. In order to develop the scientific potential of the teaching staff at the university, the "Rules for conferring the academic titles of an associate professor (associate professor), professor of the National Educational Institution "KazRosmeduniversitet" have been introduced. In order to improve the organizational structure and management principles, the following is being carried out: the introduction of a risk management system in educational activities,

Conclusions of the EEC according to the criteria. Out of 4 standards conform: completely - 4, significantly - 0, partially - 0, do not meet - 0.

Standard 9: completed

6. Recommendations for improving the educational programme 7R01101 - "Adult and pediatric cardiology":

- 1) When planning, discussing, approving and reviewing the educational programme, observe due representation of all interested parties (2.5.2).
- 2) Develop, implement and improve mechanisms for the reliability and validity of assessment methods (3.1.6).
- 3) Provide for the inclusion of resident organizations or individual active residents in the process of developing a policy for the admission and selection of residents (4.1.8).
- 4) Develop assessment criteria that characterize the activities of teachers and mentors (5.2.3).
- 5) Ensure integration and balance between practical training and research (6.5.1).
- 6) Provide appropriate time in the programme for the preparation of residents for scientific research (6.5.4).
- 7) Develop research in education (6.6.3).
- 8) Improve the process of monitoring and evaluation of educational programmes by developing an appropriate document (regulations, rules, regulations) and broadly involving residents, employers and other stakeholders in the evaluation of educational programmes (7.1.1).
- 9) Determine and implement programme evaluation mechanisms, create an internal quality assurance system in accordance with the Model Rules for the Activities of Educational

Organizations of the Relevant Types Order of the Ministry of Education and Science of the Republic of Uzbekistan dated October 30, 2018 No. 595. P 34 (7.1.2).

- 10) Evaluate the programme taking into account the mission, expected learning outcomes, content of the educational programme, teaching methods, assessment of knowledge and skills, sufficiency and quality of educational resources (7.1.3).
- 11) Develop a mechanism for evaluating the programme using the collected information on the clinical practice of graduates (7.3.2).

7. Recommendation to the ECAQA Accreditation Council

Members of the EEC have established the compliance of the educational program 7R01101 - "Adult and pediatric cardiology" to Accreditation Standards and came to a unanimous decision to recommend that the ECAQA Accreditation Council accredit this programme for period 5 years.

	Full name	Signature
Chairperson	Zhanalina Bakhyt Sekerbekovna, Doctor of Medical Sciences, Professor of the Department of Surgical and Pediatric Dentistry, Marat Ospanov West Kazakhstan Medical University	
foreign expert	Oleg Mikhailovich Uryasiev, Doctor of Medical Sciences, Professor, Head of the Department of Faculty Therapy with Courses of Endocrinology, General Physiotherapy, Clinical Pharmacology, Occupational Diseases and Field Therapy, Vice-Rector for Academic Affairs of the Ryazan State Medical University named after Academician I.I. P. Pavlov" of the Ministry of Health of Russia	
Kazakh academic expert	Muldaeva Gulmira Mendigireevna, Doctor of Medical Sciences, Professor of the Department of Family Medicine of NJSC "Medical University of Karaganda", general practitioner of the highest category	
Employers' representative	Musabayeva Asem Muratovna, Ph.D.	
Resident Representative	Ziya Azimkhan Nurzhanuly, Resident of the third year of study in the specialty "Urology and andrology for adults, children" JSC "Scientific Center of Urology named after Academician B.U. Dzharbusynov"	

ECAQA Observer _____ Umarova M.A.

**Quality profile and criteria for external evaluation of the educational programme
(generalization)**

Standard	Criteria for evaluation	Number of standards	Grade			
			Totally coincides	Significantly corresponds	Partially Compliant	Does not match
1.	MISSION AND END OUTCOMES	17	17			
2.	EDUCATIONAL PROGRAMME	30	29	1		
3.	ASSESSMENT OF STUDENTS	11	10	1		
4.	STUDENTS	30	29	1		
5.	FACULTY	7	6	1		
6.	EDUCATIONAL RESOURCES	21	18	3		
7.	PROGRAMME EVALUATION	15	11	4		
8.	GOVERNANCE AND ADMINISTRATION	15	15			
9.	CONTINUOUS RENEWAL	4	4			
	Total:	150	139	11		
			150			

List of documents requested by EEC members as part of accreditation

No.	Document names	Quantity	Date Approval
1.	"Strategy of the National Educational Institution "Kazakhstan-Russian Medical University" for 2019-2025"	1	CC dated December 26, 2019, protocol No. 5.
2.	Academic Policy of the University	1	
3.	Regulations on mentoring	1	NKS No. 18 of 06/17/2019
4.	Regulations on the ongoing monitoring of progress, intermediate and final certification of students	1	US dated April 24, 2020 No. 1.
5.	On approval of candidates for chairperson and composition of the State Examination Commission" The commission included leading professors of the university, deans, representatives of other	1	No. 26-02-48-n / κ dated 02.12.2020
6.	Rules for admission to residency of the National Educational Institution "Kazakhstan-Russian Medical University"	1	
7.	Regulations on the competitive replacement of positions of the teaching staff and scientists.	1	Order of the rector No. 26-02-44-n / κ dated November 27, 2020.
8.	Regulations on field training in internship and residency.	1	AC dated August 29, 2019 protocol No. 1.
9.	Regulations on the organization of training using distance learning technologies	1	AS dated August 29, 2019 No. 1.
10.	Personnel policy of the National Educational Institution "KazRosmeduniversitet"	1	12/25/2020
11.	Student's Code of Academic Integrity	1	US dated 04/27/2019, protocol No. 9
12.	Code of Corporate Culture and Ethics	1	06/01/2018
13.	EP specialty " Cardiology "	1	AS (dated 06/24/2021 No. 6) and US University (dated 08/18/2021 No. 11).
14.	Agreement with JSC "Antiplagiat"	1	license agreement No. 1051 dated 07/08/2020
15.	Resident portfolio	3	
16.	Schedule of practical classes for residents in the specialty "Cardiology"	3	
17.	List of practical skills for EP "Cardiology"	1	

Programme
visits to the External Expert Commission of ECAQA
NEI "Kazakhstan-Russian Medical University" (specialized accreditation)
Almaty, Abylai Khan Ave., 51/53
December 13-15, 2021

*Note: the programme indicates the time of Almaty.

Link to zoom for the participation of a foreign expert - a member of the EEC in the events of the programme <https://us06web.zoom.us/j/9702400023>

Time	EVENTS	Notes
Day one – December 13, 2021		
08-10.12.2021	Studying documents for compliance with the standards of accreditation of programmes of basic (bachelor's) and postgraduate education (specialty of residency) of medical educational organizations before external expert evaluation. Studying the website and social networks of KazRosmeduniversitet for compliance with accreditation standards.	EEC members
12/10/2021 (Friday) 15:00-16:00* Almaty time	Online meeting of members of the External Expert Commission. <ul style="list-style-type: none"> – Acquaintance, distribution by the Chairperson of the EEC of responsibility between the members of the EEC. – Brief review of reports on self-evaluation of KazRosmeduniversitet programmes. Discussion of key issues, including the results of the review, familiarization of EEC members with general recommendations. – Discussion of the list of documents that must be additionally requested from KazRosmeduniversitet for validation of reports on self-evaluation of educational programmes. – Discussion of the external expert evaluation programme. 	EEC members Zoom link from ECAQA observer provided to EEC members confidentially
1st day: 12/13/2021, Monday		Assessment of compliance with accreditation standards
8:45-9:00 (15/)	Meeting of the members of the EEC. Discussion of the programme and schedule of visiting KazRosmeduniversitet on the 1st day of the visit. Abylai Khan Ave., 51/53, Conference hall for the work of members of the EEC, 7th floor	
9:00-9:30 (30/)	Meeting of the EEC with the leadership of KazRosmeduniversitet Rector, Professor Dzhainakbaev Nurlan Temirbekovich	Standards 1, 6, 8, 9

	<p>Vice-Rector for Academic Affairs Kusainova Arman Saylavbekovna Vice-rector for scientific and clinical work Imanbayeva Zhaysan Abilseytovna And about. Vice-Rector for educational work Sovostyanova Tatyana Anatolyevna Heads of structural divisions</p> <p><u>Content of the meeting:</u> presentation of the EEC members, introduction to the objectives of the visit, interviews on mission issues, strategic planning, integration of education-science-practice, internationalization of education, provision of resources for educational programmes</p>	<p>Abylay Khan Ave. 51/53, room 717a, 7th floor</p>	
	<p>Undergraduate programmes EEC-1</p>	<p>Residency Programmes EEC-2</p>	
9:30-10:15 (45/)	<p>Interview with the management of undergraduate programmes</p> <ul style="list-style-type: none"> – Kusainova Arman Saylavbekovna, Vice-Rector for Academic Affairs; – Iskakova Maryam Kozbaevna, Dean of the Faculty of Dentistry; – Alekshcheva Roza Kenesovna, Acting Dean of the Faculty "Pharmacy", «Public Health Care» and "Nursing"; – Uysenbayeva Sharbanu Omirgalievna, head of the educational and methodological department <p><u>Content of the meeting:</u> Presentation for 7 min. Interview on the policy of ensuring the quality of basic education, planning and management of educational programmes, methodological and resource providing undergraduate programmes, admission and graduation of students for 5 years, assessment system, evaluation and analysis of the effectiveness of training programmes, development prospects. Studying the documentation of undergraduate programmes for compliance with accreditation standards</p>	<p>Interview with the heads of residency programmes</p> <ul style="list-style-type: none"> – Imanbaeva Zhaisan Abilseytovna, Vice-Rector for Scientific and Clinical Affairs; – Orakbai Lyazzat Zhadigerovna, head of the residency department <p><u>Content of the meeting:</u> Presentation for 7 min. Interview on the policy of quality assurance of postgraduate education, management of educational programmes, methodological and resource provision of residency programmes, admission and graduation of residents for 5 years, resident assessment system, mentoring, selection of clinical sites, evaluation and analysis of the effectiveness of training programmes, development prospects. Studying the documentation of residency programmes for compliance with accreditation standards.</p>	<p>Standards 1, 4, 7, 8, 9</p> <p>EEC-1 – Room 717a</p> <p>EEC-2 – Room 717b</p>
10:15-10:35 (20/)	<p>Student admission policy for undergraduate programmes. <i>Interview with the Secretary of the Admissions Committee.</i> Kalieva Gulbanu Batyrkhanovna, Sovostyanova Tatyana Anatolyevna, Liang Zhanat Amandykovna.</p>	<p>Evaluation of educational programmes: demand and employment of graduates Interview with the boss Career Center Kulebaeva Elmira Kuanyshevna. <u>Content of the meeting:</u> Regulations on the Center, plans, reports, employment monitoring, feedback. <u>Department documents for 2020-2021</u></p>	<p>Standards 4, 7</p> <p>EEC-1 – Room 717a</p> <p>EEC-2 – Room 717b</p>

	<p><u>Content of the meeting:</u> organization and monitoring of the educational process, admission of students, educational work, feedback from students, social and material support for students.</p> <p><u>Documentation:</u> plans and reports for 5 years, lists of students for 2020-2021, lists of expelled students for 2019-2021, survey results for 5 years, documentation of the admission committee for 2020-2021.</p>		
10:40-11:20 (40/)	<p>Planning, approval and monitoring of the quality of educational programmes</p> <p>Interview with:</p> <ul style="list-style-type: none"> – Chairperson of the Academic Council Kusainova Arman Saylavbekovna; – director of the department for academic work Bakirova Bibigul Abdimanapovna; – Berkutbayeva Oryngul Zhansapovna, head of the planning and control department of the educational process; – Uysenbayeva Sharban Omirgalievna, head of the educational and methodological department; – Head of the Department for the Development of Educational Programmes Zhanat Amandykovna Liang; – chairmen of the committees of educational programmes (undergraduate) Rakhmetova Kumis Usenovna (EP «Public Health Care», "Nursing"), Syzdykova Aiman Bolatovna (EP "Dentistry"), Kelimkhanova Saule Yesenkulovna (EP "Pharmacy"), Ligay Zoya Nikolaevna (postgraduate education, residency) <p><u>Content of the meeting:</u> planning the educational process, class schedules, working with departments, discussing and approving educational programmes, making changes to the EP, assessing the EP, assessing teaching methods, introducing innovative teaching methods, representing students in AC and CEP and their role in the development and evaluation of EP, reverse communication from students and influence on the improvement of the EP.</p>	<p>International cooperation in the context of quality assurance of educational programmes (undergraduate)</p> <p>Interview with the head of the department of international cooperation and academic mobility Iskakova Dana Askarovna on the issues of internationalization of education, cooperation with partner organizations, strategies for academic mobility.</p> <p>Personnel policy of the university in the context of educational programmes of undergraduate and residency</p> <p>Interview:</p> <ul style="list-style-type: none"> - Veryovkina Vera Ivanovna, head of personnel department; - Iskakova Maryam Kozbaevna, Dean of the Faculty of Dentistry; - Alekesheva Roza Kenesovna, Dean of the Faculty "Pharmacy", «Public Health Care» and "Nursing"; - Orakbay Lyazzat Zhadigerovna, head of the residency department 	<p>Standards 2, 5, 7, 8</p> <p>EEC-1- Room 717a</p> <p>EEC-2 – Room 717b</p>

11:20-11:40 (20/)	EEC meeting and the results of external evaluation and interviews, exchange of views of EEC-1 and EEC-2		Conference hall, 7th floor
11:40-12:10 (30/)	Visit to the Department of Distance Educational Technologies <i>Responsible Kerimbekova Assel Almasovna, Mokhirev Alexander Anatolievich</i>	Assessing Resources for Clinical Education Mobile medical complex (PMC) Demonstration of the possibilities of PMK in training residents: 1) "Mobile diagnostic center" (30) 2) "Mobile hemodialysis station" (30) <i>Responsible Vdovtsev Alexander Viktorovich</i>	Standards 2, 6 Abylai Khan Ave., 51/53
12:15-13:00 (45/)	Assessment of students. Test center visit Head Manapova Damira Edigeevna <u>Content of the meeting:</u> a system for assessing the knowledge of students, proctoring, registration of information, work with departments, monitoring and improvement. The system of accounting for the achievements of students. Registrar's office visit. Head Kalieva Gulbanu Batyrkhanovna	Involvement of students in R&D, R&D results and their impact on the quality of educational programmes (bachelor's degree, residency): Department of Scientific Work. Head of Department Seydalin Arystan Oskarovich. <i>Scientific Secretary</i> , professor Mansharipova Alma Toleuovna. <i>Scientific Clinical Council (SCC)</i> . Meeting with the chairperson of the NCC, getting acquainted with the regulations, composition, plan, protocols, reports. Interviews with NCC members. <i>Local Ethics Commission</i> , meeting with the chairperson of the LEK, getting acquainted with the position, composition, plan, protocols, reports. Interview with members of the LEC.	Standards 2, 3, 8 EEC-1 – room 717a EEC-2 – room 717b
13:00-14:00	Lunch break		
	Undergraduate programmes EEC-1	Residency Programmes EEC-2	
14:30-15:15 (45/)	Assessment of educational resources. Audit Fund. Head of AHO Yeleubekov Daniyar Zinatbekovich Library visit. Head of the library Valiulina Marzhan Bekarystanovna Visit to the Museum named after Mukhtar Aliyev	Overview of the resources of the Training and Clinical Center and demonstration of opportunities in educational programmes of residency, bachelor's degree Aumoldaeva Zaure Maratovna, head of the center	Standards 6, 3 EEC-1- st. Torekulova, 71, 1st floor, rooms 103, 112, 114, 110 Ground floor EEC-2- there

	Responsible Shaykhina Saule Shakhatovna, head of the department of ViSR	<u>Topic of the lesson:</u> "Differential diagnosis of essential and secondary arterial hypertension" speciality of residency: "Therapy", group T 21-01	
15:15-16:00 (45/)	Interviews with undergraduate students <u>Content:</u> participation in the development and evaluation of educational programmes, access to patients and equipment, participation in university events (including research), taking into account the opinions of students, student support (consulting, curators, advisors, tutors), providing appropriate documentation, satisfaction with the educational process (methods of assessment, teaching, provision of resources, including library and IT), extracurricular environment.	Interviews with residents <u>Content:</u> participation in the development and evaluation of educational programmes, admission to patients and equipment, participation in university events (including research), taking into account the opinions of residents, supporting residents (consulting, mentoring), providing relevant documentation, satisfaction with the educational process (assessment methods, teaching, resource provision, including library and IT), out-of-class environment for residents. <i>EEC-2 is divided into three subgroups in accordance with the specialties of the residency programmes (list from the ECAQA observer)</i>	Standards 2, 3, 4, 6, 7 EEC-1 – online interview https://us02web.zoom.us/j/9801179805?pwd=MTQ0eVhXakhCa20ySW4xOFF0enRldz09 EEC-2 Subgroup 2.1 audience 402 Subgroup 2.2 audience 406 Subgroup 2.3 audience 407
16:00-16:45 (45/)	Interviews with undergraduate professors <u>Content:</u> development, approval and updating of educational programmes, planning of the educational process, teaching and learning methods, student assessment methods, maintaining relevant documentation, development of teachers in pedagogy and specialty, satisfaction with the educational process and students.	Interviews with full-time residency teachers <u>Content:</u> development, approval and updating of educational programmes, planning of the educational process, methods of teaching and learning, methods of assessing residents, maintaining relevant documentation, development of teachers in pedagogy and specialty, satisfaction with the educational process and residents.	Standards 2, 5 EEC-1 – online interview https://us02web.zoom.us/j/9758823011?pwd=TEpUQ3FPWjVnd3hLU0EvdIkkYmc4Zz09 EEC-2 – Room 717b
16:45-17:05 (20/)	EEC meeting and results of external evaluation and interviews, exchange of views of EEC-1 and EEC-2		Conference hall, 7th floor
17:05-18:00 (55/)	Work with documentation on undergraduate and residency programmes for compliance with accreditation standards.		Standards 2, 3
2nd day: 12/14/2021, Tuesday			Assessment of compliance with accreditation standards
Overview educational resources	of Undergraduate programmes EEC-1	Residency Programmes EEC-2	
8:45-13:00	<u>Undergraduate Foundation in Dentistry Clinic Atlas Dent,</u>	Subgroup 2.1	Standards 2, 6, 9

	<p>st. Satpaev 28, corner of st. Zheltoksan <u>Topic of the practical lesson:</u>"Increased abrasion of tooth crowns. Classifications. Changes in the clinical picture of the state of organs and tissues of the oral cavity. Changes in the functional state of APLS in pathological tooth wear. Types of orthopedic treatment. Course 6, art. Lecturer of the Department of Surgical and Orthopedic Dentistry Samalbaev U.T.</p>	<p><u>EP "Family Medicine", "Adult and Pediatric Cardiology"</u> <u>Base:</u> City Cardiology Center st. Tole bi, 91 <u>Topic of the practical lesson:</u> "Thromboembolic complications in coronavirus infection" <u>course 1-3, full name of the teacher:</u> Ibragimova I.N., Ligay Z.N.</p> <p>EP "Urology and andrology for adults, children" <u>Base:</u> Almaty Regional Diagnostic Center st. Auezov, 57 <u>The topic of the practical lesson:</u> "Endoscopic removal of stones from MP" <u>course 2, full name of the teacher:</u> Tokpanov A.K.</p>	
	<p><u>Undergraduate Foundation in Pharmacy</u> Pharmacy No. 2 LLP st. N.Nazarbayeva, 91/97 PP "Organization of pharmaceutical activity" <u>Topic of the practical lesson:</u>"Familiarization with the organization of the department, familiarization with the list of medicines sold without a doctor's prescription. Work on site to work in the over-the-counter medicines department. Necessary consultations. <u>Well3, full name of the teacher:</u> Zharymbetov K.B.</p>	<p>Subgroup 2.2 EP "Obstetrics and gynecology for adults, children" <u>Base:</u> City Clinical Hospital No. 4 st. Papanina, 220 <u>The topic of the practical lesson:</u> "Endovideoscopic technologies in the diagnosis and treatment of gynecological pathologies" <u>course1, Full name of teachers:</u> Bodykov G.Zh., Chupin A.N.</p> <p><u>EP "Maxillofacial Surgery"</u> <u>Base:</u>City clinical hospital №5 Dostyk Ave., 220 <u>Topic of the practical lesson:</u>"Fractures of the lower jaw" <u>course2, full name of the teacher:</u> Zeitenova G.B.</p>	
	<p><u>Undergraduate Foundation in Nursing</u> Scientific Center of Urology named after B.U.Dzharbusynov st. Basenova, 2</p>	<p>Subgroup 2.3 EP "Radiation Oncology"</p>	

	<p>PP "Nursing in Therapy" <u>Topic of the practical lesson:</u>No. 2 "Work as an assistant to the head nurse or deputy chief physician for the nursing process " <u>Well4</u>, full name of the teacher: Sagaeva S.K.</p>	<p><u>Base:</u> "PSE on REM "Almaty Cancer Center"</p> <p>st. Utepova, 3 <u>Topic of the practical lesson:</u> "Principles of treatment of metastatic breast cancer" <u>Course 1</u>, full name of the teacher: Esentayeva S.E.</p> <p>EP "Radiology"</p> <p><u>Base:</u> "PSE on REM "Almaty Cancer Center"</p> <p>st. Utepova, 3 <u>Topic of the practical lesson:</u>"Magnetic resonance imaging of the brain» <u>Course 1</u>, full name of the teacher: Alpeysova Sh.T.</p>	
	<p><u>Undergraduate Health Foundation</u> PSE on REM City Polyclinic No. 21 md. Kokzhiak, 66 "Leadership in nursing" 6V10101-SD, r / o (10 months). <u>Topic of the practical lesson:</u>No. 5 "Working with letters from the population. Interview with the public on the complaint. Preparing a draft response to a letter <u>Course 1</u>, name of the teacher: Gazizova G.K.</p>	<p><u>Subgroup 2.4</u> EP "Psychiatry for adults and children" <u>Base:</u> "RNPTsPPiN" st. Amangeldy, 88 <u>The topic of the practical lesson:</u> Schizophrenia. Clinical variants, types of flow. Differential diagnostics. Treatment Tactics» <u>course 1</u>, Full name of the teacher: Yeshimbetova S.Z., Raspopova N.I.</p> <p><u>Seminar attendance</u> EP "Otorhinolaryngology for adults, children" <u>Base:</u> Medical center "Medline" Amangeldy Ave., 28 <u>Topic:</u> "Acute otitis media and mastoiditis" 1 Course, full name of the teacher: Esenalieva R.N.</p>	
13:00-14:00	Lunch break		

14:00-14:15 (15/)	Visit to the Department of Military Medical Training <i>Responsible Sadvokasov Zaken Kauazkanovich</i>		Abylai Khan Ave., 51/53 3rd floor
14:15-14:40 (25/)	EEC meeting on the results of an external evaluation and visits to clinical sites, exchange of views of EEC-1 and EEC-2, discussion of recommendations for improvement		Conference hall, 7th floor
	EEC-1 undergraduate programmes	EEC-2 residency programmes	
14:40-15:25 (45/)	Interviews with representatives of practical healthcare (potential employers of undergraduate graduates) <i>Content:</i> participation of stakeholders in ensuring the quality of bachelor's training, participation in university events, incl. in the development of the mission and educational programmes, topics of electives, proposals for improving education, satisfaction with the knowledge and skills of undergraduate graduates, feedback from the issuing organization.	Interviews with representatives of practical healthcare (potential employers of residency graduates) <i>Content:</i> participation of stakeholders in ensuring the quality of training of residents, participation in university events, incl. in the development of the mission and educational programmes, topics of electives, proposals for improving education, satisfaction with the knowledge and skills of residency graduates (independence, competence, professionalism, stress resistance, creativity, outlook, discipline, etc.), feedback from the issuing organization.	Standards 2, 5 Online interview https://us02web.zoom.us/j/5835921548?pwd=TF3MzZPN3M1VWhzditOWmpBNitSUT09
15:00-15:40 (40/)	Attendance at extracurricular events for bachelors (electives, NSC meetings, etc.) Meeting with an asset of undergraduate students. <i>Responsible: Iskakova Maryam Kozbaevna, Alekshева Rosa Kenesovna</i>	Meeting with residents' asset (support for initiatives by the university management, participation in research, volunteer movement, working conditions) Studying the portfolio of residents.	Standards 1, 4 EEC-1- Room 717a EEC-2- Room 717b
15:40-16:10 (30/)	Visit to the Anatomical Museum Responsible Salimgereeva Bagdat Zhanabaevna, head of the department of anatomy with courses	Interview with the department responsible for professional and pedagogical improvement of university teachers. Evaluation of professional development programmes for teachers, individual plans of teaching staff. <i>Department of Academic Affairs, Human Resources Department</i>	Abylai Khan Ave. 51/53 EEC-1- 1st floor, Anatomical Museum EEC-2 - Room 717b
16:10-16:30 (20/)	EEC meeting on the results of external evaluation and interviews, exchange of views of EEC-1 and EEC-2, discussion of recommendations for improvement		Standards 4-7 51/53 Abylai Khan Ave., Conference hall for the work of EEC members, 7th floor
16:30-17:40 (70/)	Work with documentation on undergraduate and residency programmes for compliance with accreditation standards. Questioning of residents, bachelors and teachers (conducted by an observer from ECAQA).		
17:40-18:00 (20/)	Discussion of the recommendations of the EEC based on the results of 2 days of the visit		

Day 3: 12/15/2021, Wednesday		Assessment of compliance with accreditation standards	
8:45	Meeting of the members of the EEC at the address Abylay Khan Ave., 51/53		
9:00-9:15 (15/)	Meeting of the members of the EEC. Discussion of the programme and schedule of the visit to KazRosmeduniversity on the 3rd day of the visit.	Abylai Khan Ave., 51/53, Conference hall for the work of members of the EEC, 7th floor	
	EEC-1 undergraduate programmes	EEC-2 residency programmes	
9:15-9:45 (30/)	<p>Attending a practical lesson of the basic disciplines of the bachelor's degree in the specialty <u>Topic:</u> "Preparation of carious cavities in classes 1 and 5. Peculiarities of preparation for light-curing composite materials. Preparation of a carious cavity for filling. Working in the Phantom Room» <u>majoring in Dentistry.</u></p> <p><u>Topic:</u> "Medical and social aspects of demography" in the specialty «Public Health Care». Assessment of availability of relevant methodological materials, documentation.</p>	<p>Visit to the magazine club. <u>Topic:</u> "Working with literary sources in preparation for the implementation of a scientific project" residents in the specialty "Oncology (adult)". Assessment of availability of relevant methodological materials, documentation.</p>	<p>st. Torekulova, 71 EEC-1- Audience 103</p> <p>Abylai Khan Ave., 51/53 EEC-2- Room 717b</p> <p>Abylai Khan Ave., 51/53 EEC-1- Audience 520</p>
9:45-10:15 (30/)	<p>Attending a practical lesson of the basic disciplines of the bachelor's degree in the specialty <u>Topic:</u> "Pharmacopoeial analysis of drugs of inorganic nature" <u>majoring in Pharmacy.</u></p> <p><u>Topic:</u> "Work in medical departments: intravenous, intramuscular, subcutaneous and intradermal injections" <u>majoring in Nursing</u> Assessment of availability of relevant methodological materials, documentation.</p>		Videos on the specialties "Pharmacy", "Nursing" - Room 717a
10:15-11:00 (45/)	Interviews with heads and representatives of university departments at the request of EEC members.		
		Standards 1-9 Room 717a	

11:00-13:00	Final discussion of the results of the external evaluation of educational programmes for compliance with accreditation standards. Filling individually by each member of the EEC of the Quality Profile and criteria for external evaluation of educational programmes. The beginning of the design of EEC reports: bachelor's degree (4), residency (12).	51/53 Abylai Khan Ave., Conference hall for the work of EEC members, 7th floor
13:00-14:00	Lunch break	
14:00-17:00	Designing EEC reports: undergraduate (4), residency (12). Discussion of recommendations for improvement. Final voting on recommendations for KazRosmeduniversity. Final vote on recommendations for the ECAQA Accreditation Council.	51/53 Abylai Khan Ave., Conference hall for the work of EEC members, 7th floor
17:00-17:30	Announcement of the results of the work of the EEC, recommendations for improvement for the management and employees of KazRosmeduniversitet.	Room 717a
17:30-18:00	Signing of documents by members of the EEC. Completion of work. Departure. Completion of the EEC	

