

To Accreditation Council
of the Eurasian Center for Accreditation
and Quality Assurance in Higher Education and Health Care
June 20, 2022

**REPORT
OF THE EXTERNAL EXPERT COMMISSION ON THE RESULTS OF THE
EVALUATION OF THE EDUCATIONAL PROGRAMME
7R09115 "NEPHROLOGY (ADULT, CHILDREN'S)"
FOR COMPLIANCE WITH THE ACCREDITATION STANDARDS
FOR POSTGRADUATE PROGRAMMES (SPECIALTY OF RESIDENCY)
IN MEDICAL ORGANIZATIONS OF EDUCATION**

NEI "KAZAKH-RUSSIAN MEDICAL UNIVERSITY"

external expert evaluation period: May 30-31 - June 1, 2022

Almaty, 2022

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List of symbols and abbreviations

Abbreviation	Designation
ECTS	European netting system
AC	Academic Council
GP	General practitioner
University	Higher education institution
EEC	External expert commission
SCES	State compulsory standard of education
SAC	State Attestation Commission
DLT	Distance learning technologies
ESUVO	Unified system of management of higher education
ECAQA	Eurasian Center for Accreditation and Quality Assurance in Higher Education and Health Care
FSA	final state attestation
IEP	Individual Educational Plan
CEP	Educational Programmes Committee
KMI	Kazakhstan Medical Institute
CED	Catalog of elective disciplines
MoH of RoK	Ministry of Health of the Republic of Kazakhstan
STP	Scientific and Technical Programme
RW	Research work
NEI "KazRosmeduniversity"	NEI "Kazakhstan-Russian Medical University"
EP	Educational programme
PMSP	Primary Medical health care
TS	Teaching staff
WEPI	Working Educational Plan
QMS	Quality Management System
TEP	Typical Educational plan
SC	Scientific Council

1. Composition of the external expert commission

In accordance with Order No. 19 dated May 20, 2022, an External Expert Commission (hereinafter referred to as the EEC) was formed to conduct an external evaluation of the residency educational programme in the period May 30-June 1, 2022. The external evaluation of the residency educational programme in the specialty 7R09115 "Nephrology (adult, children's) " is as follows:

order №	Status as part of EEC	Full name	Academic degree, academic title, position, place of work/place of study, course, specialty
1	chairperson	Kurmanova Almagul Medeubaevna	clinical specialties department of the Higher School of Medicine of the Kazakh National University named after Al-Farabi, leading researcher of JSC "Scientific Center of Obstetrics, Gynecology and Perinatology"
2	Foreign Expert	Zakirova Guzel Zakirovna	candidate of Medical Sciences, Associate Professor of the Department of Ophthalmology of Kazan State Medical University, Ophthalmologist of the Children's Republican Clinical Hospital of the Ministry of Health of the Republic of Tatarstan
3	Academic Expert	Urazova Saltanat Nurgozhayevna	doctor of Medical Sciences, Head of the Department of Family Medicine No.3 of "Medical University of Astana" NJSC
4	Academic Expert	Kauysheva Almagul Amangeldinovna	candidate of Medical Sciences, Vice-Rector for Educational and Scientific Activities of the Kazakhstan Medical University "KSPH", Accredited Independent Expert on the Assessment of the Quality of Medical Services, Deputy Chairperson of the Board of the "Kazakhstan Alliance of Medical Organizations" RPO.
5	Academic Expert	Sarsenbayeva Gulzhan Iskendirovna	candidate of Medical Sciences, Doctor of the Department of Cardiac Surgery and Interventional Cardiology JSC Scientific Center of Pediatrics and Pediatric Surgery
6	Academic Expert	Bacheva Irina Viktorovna	PhD in Medicine, Associate Professor of the Department of Internal Diseases Head of the educational programme of the residency in Nephrology, including adult, NJSC "Medical University of Karaganda",
7	Academic Expert	Laryushina Elena Mikhailovna	candidate of Medical Sciences, Professor, Head of the Department of Internal Diseases NJSC "Medical University of Karaganda"
8	Academic Expert	Sultanova Gulnar Dosnovna	candidate of Medical Sciences, Dean of the Faculties of Dentistry, Pharmacy, Public Health Care and Nursing of NJSC "West Kazakhstan Medical University named after Marat Ospanov"
9	Employers' representative	Nurgaliyev Nurlan Yermekbayevich	Director general of GammaLab Diagnostic Laboratory LLP
10	Resident Representative	Maykenova Arailim Muratkyzy	Resident of the first year of study in the specialty "Gastroenterology (adult, children's)" of NJSC "Asfendiyarov Kazakh National Medical University" .

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

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

The EEC report contains an assessment of the educational programme 7R09115 "Nephrology (adult, children's)" for compliance with the Standards of accreditation of postgraduate education programmes (residency specialties) of medical educational organizations and conclusions (hereinafter referred to as Accreditation Standards), recommendations of the EEC on further improvement of approaches and conditions for the implementation of the above-mentioned educational programme and recommendations for the ECAQA Accreditation Council.

2. General part of the final report

2.1 Presentation of the educational programme in the specialty - 7R09115 "Nephrology (adult, children's)"

Organization name, legal form of ownership, BIN	NEI "Kazakhstan-Russian Medical University"
Management body	Ministry of Health of the Republic of Kazakhstan
Full name of the chief executive officer	Dzhainakbayev Nurlan Temirbekovich
Location and contact details	71, Torekulov str., Almaty, 050004, Republic of Kazakhstan. Phone: +7 727 250 83 75. Fax: +7 727 250 83 75. e-mail: info@medkrmu.kz . web: http://medkrmu.kz/en/
State license for educational activities in the residency (date, number)	There is only an unlimited license of the Committee for Control in the Sphere of Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan No. 0137388 dated June 2, 2010
Year of implementation of the accredited educational programme (EP)	2021
Duration of training	2 years
Total number of graduates since the beginning of EP implementation	-
Number of residents on EP since the beginning of the current year	1
Full-time trainers/ Combiners involved in the implementation of EP, incl. % of degree	Karabaeva Aigul Zhumartovna

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

The University currently represents the organization of medical education with a private form of ownership, having 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 the Field of Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan on June 2, 2010). The University trains

specialists in the following levels: bachelor's degree, internship, residency and master's degree on the basis of existing state licenses for higher and postgraduate levels, additional education in accordance with the current State Educational Standard of the Republic of Kazakhstan, and also implements additional education programmes.

On the basis of the order of the acting chairperson of the Committee for Control in the Field of Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan dated February 15, 2018 No.264, the direction of the master's degree in EP 6M110100 "Medicine" (license No. 0137388) and 6M110200 "Public Health Care" (license No. 0162831) was opened at the NEI "Kazakh-Russian Medical University".

Since 2011, the University publishes a quarterly magazine "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-technical activity, certificate number Series MK No. 005269 dated 08.10.2018.

The university's budget is formed from several sources: the republican budget (a state order for the training of specialists of higher, postgraduate and additional education), the provision of paid educational services. The financing of the university is stable and contributes to improving the material and technical base and increasing 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. Thus, for his achievements in the development of mobile medical complexes, Rector, Doctor of Medical Sciences, Professor N.T. Dzhainakbayev was awarded the quality certificate of the Swiss Institute of Quality Standard "International Quality Certificate" (SIQS) on July 1, 2015.

In order to develop cooperation, 30 agreements, agreements and memoranda with Kazakhstan and foreign higher educational institutions have been concluded.

In 2012, the University successfully passed the State Attestation of the Ministry of Health of the Republic of Kazakhstan, in 2018 and 2020 – preventive control of the Committee for ensuring control in the field 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. Form of study – full-time, daytime. Over 29 years of activity, the University has trained more than 6,000 specialists successfully working in the practical health care of the Republic of Kazakhstan.

In 2016, the University was accredited by the Independent Kazakhstan Agency for Quality Assurance in Education (certificate of institutional accreditation dated May 31, 2016 IANo.0066, valid from May 31, 2016 to June 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 June 17, 2021 to June 16, 2026).

Specialized accreditation passed 6 educational programmes of bachelor's degree, 13 educational programmes of residence in the Independent Accreditation and Rating Agency (IAAR) <http://www.iaar.kz/en/accreditation-en/perechen-akkreditovannykh-obrazovatelnykh-programm/respublika-kazakhstan/meditsinskie-organizatsii-obrazovaniya#> and 2 educational programmes of master's degree <http://www.ecaqa.org/akkreditatsiya/reestr-akkreditovannykh-meditsinskikh-organizatsij-obrazovaniya-i-obrazovatelnykh-programm/spetsializirovannaya-akkreditatsiya/magistratura>

The University also carries out its Mission through the implementation of educational programmes of higher and postgraduate education on the levels of bachelor's, master's and residency, the objectives of which are: training of 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, strengthen

public health.

Mission and Vision are available on the university's official website, which have been previously discussed and agreed with stakeholders (teachers, employees, employers) <http://medkrmu.kz/missiya-universiteta/>.

The University has its Organizational Structure approved by the Rector's Order (No. 26-02-07-n/k dated 16.07.2020). University management is implemented through collegial bodies: the Scientific Council (SC), the Academic Council, the Scientific and Clinical Council, the Local Ethics Commission, the Coordination Council for Quality and Strategic Development, the Council of Young Scientists and the Student Scientific Society.

The University develops its activities through the Strategic Development Plan of the NEI "Kazakh-Russian Medical University" (long-term) (<http://medkrmu.kz/strategicheskie-plany-razvitiya/>) and the Tactical Plan for the implementation of the strategy (academic year), which are discussed and approved at the meeting of the Academic Council of the University with the participation of stakeholders.

The NEI "Kazakhstan-Russian Medical University" implements 35 educational programmes of the residency. In 2021, there was the first set of residents in the specialty 7R09115 "Nephrology (adult, children's)". The staff of the specialty is represented by 1 faculty member - Doctor of Medical Sciences, Professor Karabaeva Aigul Zhumartovna.

2.2. Information on previous accreditation

To date, the accreditation of the educational programme 7R09115 "Nephrology (adult, children's)" has not been carried out.

2.3. Conclusion based on the results of reviewing the self-assessment report of the educational programme 7R09115 "Nephrology (adult, children's)" for compliance with the Standards of accreditation of postgraduate education programmes (residency specialties) of medical educational organizations and conclusions

The self-assessment report on the residency educational programme in the specialty 7R09115 "Nephrology (adult, children's)" (hereinafter referred to as the report) is presented on 123 pages of the main text, annexes on 28 pages, copies and electronic versions of documents located at <https://drive.google.com/drive/folders/14HwOLGx9TRQtLU52VaCBZtcVaOj15FO>.

The report is characterized by the completeness of responses to all 9 main accreditation standards and criteria, structured taking into account the recommendations of the Guidelines for the self-assessment of the educational programme provided to the organization of education by the accreditation center - ECAQA, as well as the internal unity of information. The report is accompanied by a cover letter signed by the head of the NEI "Kazakh-Russian Medical University" Nurlan Dzhainakbayev, MD, professor, who confirms the reliability of quantitative information and information included in the self-assessment report.

The report contains a list of 19 members of the internal self-assessment commission with an indication of the responsibility of each employee, information about the representative of the organization responsible for conducting the self-assessment of the educational programme – Bekmagambetov Zh.M., Head of the Department of Strategic Development and Accreditation

The self-assessment of the educational programme 7R09115 "Nephrology (adult, children's)" was carried out on the basis of the order of the Rector of the University No. 26-02-50/1-n/k dated 01.07.2021 "On preparation for accreditation and organization of the process of self-assessment of educational programmes".

The report was reviewed by an accreditation expert: I.V. Bacheva and the reviews noted strengths and areas for improvement, as well as recommendations for additions and changes, which were taken into account in the feedback process with the representative of the university and the corresponding changes and additions were made to the self-assessment report.

All the standards provide real practice of the university for the training of residents in the specialty 7R09115 "Nephrology (adult, children's)", taking into account the beginning of admission of students in 2021, 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. The description in the self-assessment report is sufficiently complete and updated in terms of the number of residents, teachers, administration, information on selection and admission, learning outcomes, results of knowledge and skills assessment, material and technical base of the university and clinical bases, contractual obligations with partners (universities, associations, bases), financial information, plans for development and improvement.

The report is submitted to ECAQA in a completed form, with correction of the data on the above recommendations, written in a competent language, the wording for each standard is clear and understandable and described in accordance with the criterion of standards, tables and contain references in the text and have end-to-end numbering.

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

3. External expert evaluation assessment

External expert work in the framework of the evaluation of the educational programme 7R09115 "Nephrology (adult, children's)" was organized in accordance with the Guidelines for the External Evaluation of Educational Organizations and Educational Programmes of ECAQA (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 in accordance with the programme approved on May 20, 2022 by the Director General of ECAQA Sarsenbayeva S.S. and agreed with Rector Dzhanakbayev N.T. Dates of the visit to the organization: May 30-June 1, 2022.

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 accreditation standards.

The sequence of the visit within 3 days is presented in detail in the Visit Programme (hereinafter referred to as the Programme), which is contained in the documentation of the accreditation center. The programme is evidence of the implementation of all planned activities within the framework of an external expert evaluation.

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

- interview with management and administrative staff – 15 people in total;
- interviews with residents – 12 people;
- studying the website <https://drive.google.com/drive/folders/14HwOLGx9TRQtLU52VaCBZtcVaOjl5FO>
- interviewing 20 employees, 14 teachers;
- questionnaires of teachers and residents - 14 and 12, respectively;
- monitoring the training of residents: attending a practical class at the base Central Military Dental Polyclinic of the Ministry of Defense of the Republic of Kazakhstan (Zhandosova, 53). Subject: "Chronic kidney disease. Diagnostics. Treatment", full name of the teacher: Karabaeva Aigul Zhumartovna, group: 21-01.
- review of resources in the context of the implementation of accreditation standards: 2 practice/clinical engagement bases were visited, including the Central Military Dental Polyclinic of the Ministry of Defense of the Republic of Kazakhstan (53 Zhandosova St.), Central City Clinical Hospital (Zhandosova str., 6), where training is carried out in two educational programmes with the participation of 4 full-time teachers/ part-time employees;
- study of educational and methodological documents in the amount of 63 units both before the visit to the organization and during the visit to the units (the list of studied documents is in Attachment 2).

The staff of the accredited organization ensures the presence of all persons indicated in the visiting programme and according to the lists of interviews and interviews (Table 1).

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

№	Job Title	Quantity
1	Acting Vice-Rector for Scientific and Clinical Work Seidalin Arystan Oskarovich	1
2	Arman Silavbekovna Kusainova, Vice-Rector for Academic Affairs	1
3	Acting Vice-Rector for Educational Work Tatyana Anatolyevna Sovostyanova	1
4	Acting Head of the Department of Magistracy and Doctoral Studies Orazava Flyura Ganievna,	1
5	Head of the Residence Department Orakbai Lyazzat Zhadigerovna	1
6	Chief Specialist of the Department of Residence Dossayeva Saltanat Tasbulatovna	1
7	Chief Specialist of the Residence Department Kasimova Arzygul Imarovna	1
8	Chairperson of the Committee of educational programmes (postgraduate education of residency and doctoral studies) Ligai Zoya Nikolaevna	1
9	Secretary of the Admission Postgraduate Commission Tursun Anna Olegovna	1
10	Elmira Kuanyshevna Kulebayeva, Head of the Career Center	1
11	head of the Department of International Cooperation and Academic Mobility	2
12	Vera Ivanovna Verovkina, Head of Personnel Department	1
13	Residents of accredited specialties	12
14	Head of the Department of Scientific Work Seidalin Arystan Oskarovich	1
15	Scientific Secretary Mansharipova Alma Toleuovna.	1
16	Teaching staff of accredited specialties	14
17	Sharbanu Omirgaliyevna Uysenbayeva, Head of Educational and Methodological Department	1
18	Head of the training and clinical center Aumoldaeva Zaure Maratovna	1
19	Head of the Library Valiulina Marzhan Bekarystanovna	1
20	Head of the Department of Distance Education Technologies and responsible for the mobile medical complex Vdovtsev Alexander Viktorovich	1
21	Head of the Office of the Registrar and Test Center Manapova Damira Edygeyevna	1
22	Residency graduates	4
23	Healthcare Practitioners	4

The acting vice-rector for scientific and clinical work Seidalin A.O., the vice-rector for academic activities Kusainova A.S., the acting vice-rector for educational work Sovostyanova T.A. was presented to the EEC and information on the objectives of the visit was given. This interview provided evidence that the mission of the residency programme and the mission of the university are fully consistent with each other. The vice-rectors announced a strategy for the development of postgraduate education, including residency programmes, which indicates a clear vision of the university and interest in improving residency programmes taking into account the needs of practical health care. Experts asked questions about the academic workload of teachers, clinical mentors. There are some

shortcomings in the description of the Strategy: the analysis of the educational market is given in detail, there is no analysis of the specialties market.

The meeting with heads, heads of departments of residency, master's and doctoral programmes, secretary of the admission postgraduate commission Tursun A.O., representatives of the department of international cooperation and academic mobility allowed experts to find out how the Policy of internal quality assurance in postgraduate education in the context of ESG works. To find evidence of compliance with Standard 4, experts asked questions about the current status of the resident in accordance with the Code of Health of the Republic of Kazakhstan. The following tasks of divisions - formation of the state order by specialties, reception of residents, providing resources, an assessment of educational programmes of residency are also analyzed. It is established that divisions closely cooperate with departments training residents, undergraduates, doctoral students. In order to expand the resources of the residency programme, memorandums are initiated and updated with foreign and regional healthcare organizations for the exchange of teaching staff and residents. From the conversation with the heads of departments, it was determined that residents have access to clinical work, which allows them to form the results of training within certain competencies, work in clinics in a safe environment.

During the interview with the head of the Career Center Kulebayeva E.K. experts evaluated the approaches to monitoring the employment of residents. In general, the employment rate of residency graduates in 2016-2017 academic year was 91%, in 2017-2018 academic year - 66%, in 2018-2019 - 74%, in 2019-2020, - 94%. Graduates of the University are employed in medical organizations of Almaty, Shymkent, Astana and 14 regions of the country - Almaty, Zhambyl, Kyzylorda, Mangistau, Turkestan regions and others, due to which continuous feedback with practical health care is maintained. The results of the survey of employers, certification of residents, employment are discussed at the relevant departments of the CEP (included in the CEP work plans). <https://drive.google.com/drive/folders/14HwOLGx9TRQtlUs52VaCBZtcVaOjl5FO>. The University organizes purposeful meetings with employers - in coordination of educational programmes, catalogues of elective disciplines (CED). Experts conducted a survey of graduates and employers on the level of satisfaction of employers and other interested parties with the quality of training of residents, which showed high satisfaction with the competencies of students.

The interview with the head of the personnel department Vervovkina V.I. and the heads of the departments of the magistracy, residency and doctoral studies Orazaeva F.G., Orakbai L.Zh., the head of the educational and methodological department Uysenbayeva Sh.O. included obtaining information on the provision of personnel of departments, compliance with qualification requirements for teaching staff. The policy of recruitment of mentors, the system of motivation of teaching staff and mentors applied at the university and its results, the system of professional and pedagogical improvement of university teachers are analyzed. The university has a policy of encouraging TSs, but it has a universal, not individualized approach.

Interviews were held with residents, undergraduates, doctoral students (a total of 14 students), aimed at assessing the clarification of satisfaction on issues related to training, resources and methods of training. At the interview from the specialty 7R09115 "Nephrology (adult, children's)", 1 resident was present, given that recruitment began only in 2021 as part of 1 resident. Interviews with 12 students were conducted offline. Answers were received to such questions as the possibilities of using the library and other electronic resources, the availability of communication with teachers and clinical mentors, observance of safety at clinical bases using PPE, performance of scientific work, the possibility of mobile residency and academic mobility, the availability of accommodation in a dormitory, material assistance. In general, all residents noted the sufficiency of library and electronic resources, compliance with protective measures, the availability of communication with university staff and representatives of practical health care, the conduct of scientific projects. Currently, there are difficulties in completing the field residency within the framework of the educational programme, taking into account the emerging preparatory process. Residents showed their commitment to the organization of education, were active in answering the questions of external experts, demonstrated

their judgment in the organization of training, assessment of their skills, advisory support, the opportunity to participate in R&D.

The interview with the head of the library Valiulina M.B. allowed to assess the availability of the residency programme with educational, methodological and scientific literature, including electronic forms. The total number of basic recommended literature is 536,840, including textbooks and manuals of Kazakh authors 243,804, the share of e-books is 0.4%. The library provides remote access via the Internet to the collection of its electronic catalogue, to world electronic resources, catalogues of leading foreign centers, universities, publishing houses, which provides an opportunity for residents and teachers to participate in research and other events. The library organizes webinars and lectures on an ongoing basis.

The interview with the staff of the department of scientific work allowed the experts to learn about the scientific directions of the university, the system of motivation and participation in the research of teachers of the departments of residency and residents, about the organization of the implementation of research by residents on the basis of practice, the possibility of publishing the results of research by residents and teachers in journals, including the university "Actual problems of theoretical and clinical medicine", which has been published since 2011. In 2016-2022, 17 projects were carried out at the University, 1 - within the framework of funding of the City Health Administration of Almaty, the rest – with other sources of funding.

One of the important tools of accreditation examination is an interview with employers - representatives of practical health care, which are not affiliated with the NEI "Kazakh-Russian Medical University". In total 6 people, including the chief physician and the deputy chief physician of the Central city clinical hospital (str. Zhandosova, 6). During the interview, it was possible to establish that, in general, employers were satisfied with the competencies of graduates. Interviews with 4 employers were conducted online and included such questions as: knowledge of the university's mission, participation in the development of the mission and proposals to the strategic plan, 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 clinical thinking, interaction with departments and the university as a whole, 100% employment of residency graduates, etc. Also, employers proposed to expand the base for residents to pass the visiting residency not only in the central city clinics, but also in the district, provided that the educational programme can be implemented, since this expands the range of key competencies of the resident and allows early formation of independence in patient management and the formation of clinical thinking.

In order to assess the resources that ensure the effective implementation of the educational programme, the expert visited the following clinical bases: Central Military Dental Polyclinic of the Ministry of Defense of the Republic of Kazakhstan (ul. 53 Zhandosova St.), Central City Clinical Hospital (Zhandosova, 6). On clinical bases, interviews were held with chief doctors, deputy chief doctors, heads of departments treating doctors, who showed that teachers are actively involved in the treatment process of clinical bases: daily I supervise patients of departments, including during the COVID-19 pandemic, they worked in "red zones", advise comorbid and diagnostically difficult patients, conduct a consultative outpatient reception, participate in social projects for screening of CKD patients, participate in the analytical work of medical institutions, jointly introduce modern diagnostic and therapeutic innovations into the treatment process.

The review of resources showed that the University's clinical bases for the implementation of the accredited educational programme are available for review at the time of the external visit, meets the goals and objectives, since the Central City Clinical Hospital has a sufficient number of nephrological and related patients, effective equipment and demonstrates accessibility to students, and employees who simultaneously perform the roles of teachers and mentors (mentors) provide high-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 must acquire and develop during the training.

Experts studied the documentation on the educational programme 7R09115 "Nephrology (adult, children's)" at the link <https://drive.google.com/drive/folders/14HwOLGx9TRQtLU52VaCBZtcVaOjl5FO>, which confirmed the compliance with the accreditation standards, including documentation on individual plans of A.Zh. Karabayeva, 1 resident and at the request of members of the EEC.

Members of the External Expert Commission (EEC) Experts studied the documents of residents (portfolio, results of assessment of residents - checklists, results of questionnaire of residents).

The programme of the visit of the expert included the training and clinical center (head Aumoldayeva Z.M.), which includes 11 specialized offices with a total area of 190 m². To implement the residency programme in the specialty 7R09115 "Nephrology (adult, children's)", the simulation center has: models for mastering cardiopulmonary resuscitation, a simulator for physical examination; a simulator for practicing injection skills, where residents can form and develop skills for physical examination of the patient, emergency care, preparation for the independence of certification. EEC experts were shown mobile medical complexes, which are used in preventive, screening, dispensary examinations and in the provision of advice in rural PMHC organizations and in socially vulnerable groups of the population on a charitable basis. EEC experts visited the test center (Head Manapova D.E.), where video cameras broadcasting the exam on-line are installed, proctoring systems are used.

Interviews with teachers, as providers of the residency programme, showed that there are both successes and problems in managing the educational programme, since the developers of EP 7R09115 "Nephrology (adult, children's)" and approving bodies are the same people. In addition, a review of the EP is provided not from a representative of practical health care, but from the teaching staff of another university, which does not reflect the involvement of all parties in the implementation of the EP. In order to verify the data of Standard 5, external experts received an opinion on personnel policy and approaches to the development of teachers' pedagogical competence, motivation to work with residents, and mentoring. Experts have found that teachers initiate research topics for residents, stimulate the need for additional training and independent work with literature, medical documentation.

In order to validate the implementation of the self-assessment report and to obtain evidence on the quality of the programmes, interviews were conducted with residents in the specialty. Given that there are no graduates according to EP 7R09115 "Nephrology (adult, children's)", a survey of representatives of other specialties of the NEI "Kazakh-Russian Medical University" was conducted. During the interview, it was found that all graduates noted a sufficient level.

In order to assess the compliance with Standard 6, the experts demonstrated the distance learning platform and how it is used in the training of residents. For example, AIS Moodle (43 online courses for KMIS residents have been created), the University has its own video studio and about 300 video lectures are being shot, access to the Russian EBS "IPRbooks" is provided, in test mode it is connected to the database of electronic medical literature "BookUp", the library programme ALLmaibook.

On the last day of the visit to the organization, a meeting of EEC members was held on the results of the external evaluation. The final discussion of the results of the external evaluation of the educational programme, the study of documents, the results of the interview, questionnaires was held. EEC members started designing the final EEC report. The results of the external evaluation are summarized. Experts individually completed the "Quality profile and criteria for external evaluation of the educational programme 7R09115 "Nephrology (adult, children's)" for compliance with the ECAQA Accreditation Standards". EEC members had comments on the preparation of the Report on the self-assessment of the educational programme 7R09115 "Nephrology (adult, children's)" according to the criteria of specialized accreditation: this report is generalized in nature, evidence materials are not sufficiently provided, which required supplementing the information during the examination. Recommendations for improving the educational programme were discussed and the Chairperson Kurmanova A.M. held a final open vote on recommendations for the ECAQA Accreditation Council for the accreditation period.

For the work of the EEC, comfortable conditions were created, access to all the necessary information and material resources was organized. The Commission notes the high level of corporate culture of the University, the sufficiency of clinical bases in the specialty EP 7R09115 "Nephrology (adult, children's)", the qualification skills of the teaching staff, the wide development of remote technologies, a sufficient library resource, a high degree of openness of the team in providing information to the members of the EEC.

At the end of the programme of the visit, the chairperson of the EEC for the management and employees of the organization of education announced recommendations on the results of an external assessment within the framework of specialized accreditation.

4. Results of the survey

An observer from the ECAQA conducted an online survey on the resource in the period 30.05.2022 <https://webanketa.com/>.

The resident survey includes 22 questions. A total of 12 people responded. This university will be recommended as an organization of education – 75 % fully agree, partially - 25 %. Fully agree 83.3% of respondents, 8.33% partially agree and 8.33% doubt that programme managers and faculty are aware of their learning challenges. Completely (83.3%), partially (8.3%) and doubt the answer (8.3%) with the conditions and equipment of the study rooms, university classrooms. According to 100% (full) office equipment is available for use on the basis of practice. Teachers provide residents with methodological and didactic materials, additional literature to prepare for classes - fully agree 100%. Fully (100%) satisfied with the library collection and resources. All 100% of respondents have access to electronic educational resources.

The organization of clinical training, according to 75% of respondents, fully satisfies them, but 25% - partially. Satisfied completely (91.67%) and partially (8.33%) with the methods of teaching. There is sufficient time for practical training (patient supervision, etc.) – 100% fully agree. Satisfied with the methods of assessing my knowledge and skills – completely agree 91.67%, partially 8.33%. According to 91.67% of residents, teachers regularly use active and interactive teaching methods in classes, and according to 8.33% - sometimes.

According to 100% of respondents, teachers constantly provide feedback after completing classes. Fully satisfied that study in higher education 83.33%, partly 16.67% of respondents. The university allows you to improve or acquire the necessary knowledge and skills in the chosen specialty, 91.67% are confident, 8.33% cannot give an answer, 0% would like to believe it, 0% began to doubt it. 100% are fully satisfied with the organization of teaching in the NEI KRMU.

According to 75% of respondents, accreditation is a necessary mechanism for improving educational programmes, but 16.67% believe that it is not necessary to conduct and 8.33% doubt the answer. The work of the EEC was assessed as positive – 91.67% of residents, satisfactory – 8.33%.

The teacher survey included 21 questionnaire questions. The total number of teachers on the list is 14. The total number of respondents was 14, including 7.14 per cent with experience of up to 5 years, 28.57 per cent with experience of up to 10 years and 64.29 per cent with experience of more than 10 years. 100% satisfied with the organization of the educational process. The university observes ethics and subordination completely agree 100%. Completely satisfied with the organization of work and workplace 92.86% of respondents, partially - 7.14%. There is an opportunity for career growth and competence development for teachers in the organization - 100% fully agree.

In this educational institution, teachers have the opportunity to do scientific work and publish the results of research – 100% completely agree. 92.86% of respondents are completely satisfied with work of personnel service, doubt with the answer – 7.14%. The majority of those surveyed have undergone refresher training over the past 5 years. 100% fully agree that they can be implemented as professionals. Unfortunately, 42.86% did not answer the question of whether the university supports the teacher in participating in international and republican events, they applied for payment of travel, business trips, registration fee – 7.14%, for payment of registration fee – 7.14%, and 35.71% did not apply with this to the management or relevant administrative employees of the university. 100% of

respondents fully agree that students have free access to patients on the clinical bases of the university and to the resources of the practice bases. 42.86% know about the implementation of social programmes to support teachers, 7.14% used them, 28.57% do not know and 21.43% of respondents are doubtful about their availability. The management and administration systematically listen to the opinion of teachers -92,86%, sometimes -7.14% of the respondents. Students are taught using a variety of teaching methods, but more often work is done by analyzing situational tasks (88.06%), working in small groups (92.86%), lectures (50%), interactive learning (64.29%), performing abstracts (50%), performing projects, coursework (50%), practical classes in clinical skills at the training and clinical center (50%), oral analysis of the topic of classes (78.57%) oral surveys and analysis of the topic (64.29%), working in small groups (50%)also problem-oriented learning (57.14%), solving tests (71.43%), solving cases (42.86%), less often written completion of tasks (28.57%). Completely according to 92.86% that this questionnaire will be useful for the development of recommendations for improving the university and educational programmes of the residency, 7.14% partially agree with this.

The results of the survey in both residents and faculty demonstrate satisfaction with the educational process, the resources of the clinical base, and the competencies of teachers. However, almost 43% of the teaching staff noted that they either did not apply or do not have information about the possibility of social support. At the same time, all respondents note a sufficiently developed feedback from the university administration.

5. Analysis for compliance with accreditation standards based on the results of an external evaluation of the educational programme in the specialty 7R09115 "Nephrology (adult, children's)"

Standard 1: MISSION AND END OUTCOMES

Evidence of compliance:

1.1 Mission statement and deliverables

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 of training students in higher and postgraduate education programmes, including through the digitalization of processes. The mission of the educational programme is the formation of competencies and personal qualities of competitive, creative and innovative thinking, able to implement their knowledge and skills of new generation specialists.

When implementing the activities of the programme, namely, according to the results of the interview with the acting vice-rector for scientific and clinical work Seidalin A.O., vice-rector for academic activities Kusainovna A.S., acting vice-rector for educational work Sovostyanova T.A., head and specialists of the departments of residency, magistracy, doctoral studies, chairperson of the CEP (postgraduate education of residency and doctoral studies) Ligai Z.N., employees of the department of international cooperation and academic mobility, in an interview with residents and teachers, it was established that the criteria of **standard 1** were met. All participants in the educational process know the mission of the educational programme, took part in the formation of proposals for the formulation of the mission, while the mission was brought to the attention of potential residents through the website <http://medkrmu.kz/>, social networks, informational letters to medical organizations. The "Strategy of the NEI "Kazakh-Russian Medical University" for 2019-2025" was reviewed, including such areas as Vision, Values, market analysis with SWOT analysis, benchmarking, risks, strategic goals, indicators of strategic development, which confirms the implementation of the accreditation standard and demonstrates the goals, objectives and prospects of the organization. From interviews with residents, it was established that before the beginning of classes, teachers inform about the mission, work plans of the organization of education, tell where to get the necessary information about the educational programme, teachers, training bases. In the

"Strategy of the NEI" Kazakh-Russian Medical University" for 2019-2025", a thorough analysis of the market of educational services was carried out, while the analysis of the labor market of specialists is not indicated, while the formation of a state order is based on these data. Thus, predicting the number of students in the specialty 7R09115 "Nephrology (adult, children's)" may be difficult.

1.2 Professionalism and professional autonomy

The university has introduced elements of institutional autonomy, which are implemented in the form of independence of the development and implementation of the mission of the EP, which is formed on the basis of the internal needs of the university, external cofactors and the wishes of students. These data are reflected in the "Strategy of the NEI" Kazakh-Russian Medical University" for 2019-2025". The learning path of the resident within the framework of the standard curricula, the SCES, the formation of final learning outcomes, the selection of appropriate clinical bases, the choice of teaching methods, forms of final control by discipline, forms the university independently and this is reflected in the following documents - "Rules of the internal order for students", "Academic policy", Agreement for the provision of educational services. The Residency Department in combination with the work of the acting vice-rector for scientific and clinical work Seidalin A.O., the CEP conducts the selection of clinical bases, management of the educational programme. The university has developed a Regulation on field training in internship and residency, approved by the decision of the Academic Council dated August 29, 2019, Minutes No. 1.

Freedom in drawing up the EP is achieved when describing the syllabuses, CED, IEP, WEPL, the form, structure and procedure for the development of which is determined by the organization independently. After approval at the department, the EP is considered at the meetings of the CEP, the Academic Council. Staff autonomy derives from the possibility of internal and external search for candidates for a vacant post. Internal search provides the ability to use the personnel reserve in the first place. Further multilevel system of selection of candidates contributes to the effective selection of personnel by professional, business, moral qualities using modern technologies (Personnel Policy of the NEI "KazRosmeduniversity" (25.12.2020).

1.3 Learning outcomes

The main result of studying in the residency under 7R09115 "Nephrology (adult, children's)" is the formation of an independent highly qualified doctor, with the need for continuous improvement of his qualification, professional skills. The final results of training are reflected in the educational programme 7R09115 "Nephrology (adult, children's)" and developed by the University independently, taking into account the State Standard of Healthcare, TEPL and Qualification Characteristics of a Doctor (Order of the Minister of Health of the Republic of Kazakhstan dated December 21, 2020 No. KR DSM-305/2020 "On approval of the nomenclature of specialties and specializations in the field of healthcare, the nomenclature and qualification characteristics of positions of healthcare workers"). All training results are distributed across disciplines and are fundamental when filling them. The syllabuses reflect the content of the disciplines in the context of the final results. At the beginning of the academic year, residents get acquainted with the syllabuses, the context of training. The control of the formation of competencies is carried out by a full-time teacher, a clinical mentor and is reflected in the formation of a portfolio in the form of the achievements of a resident.

Employers receive information about the results of training when working as mentors at clinical bases, during charitable events, conferences, the work of which involves residents. The course receives feedback on residents during a 360-degree questionnaire, which is included in the resident's portfolio.

1.4 Participation in the formulation of the mission and final results

Corporate governance based on the principles of collegiality and openness of decisions, separation of governing bodies and their responsibility, financial transparency has been introduced in University. The University organizes purposeful meetings with employers in the coordination of educational programmes, catalogues of elective disciplines (CED); representatives of employers are members of the Clinical Council of the NEI "KazRosmeduniversity", at the meetings of which issues related to the implementation of the Mission, the strategy of forming the trajectory of training in the specialties of the residency, the formation of final learning outcomes are discussed. The career center

of the NEI "KazRosmeduniversity", the CEP conducts a survey of students, graduates to assess satisfaction with the educational process. The Department of Residence, departments, CEP, the Department of Residence carry out joint monitoring of the educational programme. All these processes are reflected in the following documents: Residence Department Plan for 3 years, Quality Goals for 2020-2021, Strategy of the non-governmental educational institution "Kazakh-Russian Medical University" for 2019-2025, approved by the order of the rector dated December 26, 2019, Report on the results of the survey of students of the Residence of the 2020-2021 academic year, Action Plan for improving the Residence Department on student surveys for 3 years.

Conclusions of the EEC on the criteria. Compliant with 17 standards: full – 17.

Standard 1: Implemented

Recommendations for improvement identified during the external visit: none

Standard 2: EDUCATIONAL PROGRAMME

Evidence of compliance:

2.1 Postgraduate programme framework

In the educational programme 7R09115 "Nephrology (adult, children's)" the credit-modular system of the educational process organization is declared. The educational programme of the residency meets the international requirements and the 7th level of the national qualification framework in medical education and the Qualifications Framework in the European Higher Education Area and includes passport data, learning outcomes, the name of competencies, disciplines, with a description of the path of achieving results, monitoring and evaluation of learning outcomes, material resources. The content of the educational programme corresponds to the State Standard of the RoK. The EP declares the integration of practice and theory, which includes the content, sequence of training and responsibility of the resident with the definition of goals and learning outcomes based on the performance of tasks and the provision of medical care to the population. Residents from the 1st year work in the clinic with patients. Attending the practical lesson "Chronic Kidney Disease (CKD). Diagnostics. Treatment" in the amount of 8 hours, the experts received convincing data that the training is carried out according to the plan, before the beginning of the lesson, the residents answer the tests, receive feedback from the teacher, have the opportunity to improve the skill on the topic "Chronic kidney disease ". The organization ensures compliance with ethical aspects in the implementation of the educational programme, since the experts studied the Code of Corporate Culture and Ethics (June 1, 2018) and during the interview, the residents replied that they were informed about the content of this document. In an interview with residents, experts saw that the organization promotes the development of practical competencies of residents, including on simulation equipment. At the same time, residents deepen their theoretical knowledge, develop communication skills.

The analysis of educational activities showed that the scientific basis and all the achievements of science in advisory disciplines are taken into account, additions are made to the bibliography of the EMCD and syllabuses, and teachers apply them in classes. This indicates compliance with Standard 2 in terms of adapting training to the needs of residents.

2.2 Scientific method

In the educational programme 7R09115 "Nephrology (adult, children's)" the final result is formulated "LO 7 - to conduct scientific research, effectively use international databases, participate in the work of the research team, participate in discussions, conferences and other forms of continuous professional development". To form this skill, residents are attracted to perform small research projects, which develops the merits (qualities) of the researcher in students, teaches research methods and skills used in modern scientific practice. The implementation of these strategies is provided by a whole range of measures implemented within the framework of the classroom and extracurricular components of the EP when studying both mandatory and elective disciplines. The CED presents the discipline of Evidence-Based Medicine. Residents can implement the scientific component through

participation in the Mobile Complex projects in Almaty and Almaty region. When interviewing the first-year resident A.M. Kemelov, the experts noted that the student was motivated to conduct scientific work on the topic of effective therapy of patients with chronic kidney disease (CKD). However, the name of the proposed topic, the plan of scientific work is missing. In general, there is no general understanding of the quantitative and qualitative components for the implementation of this learning outcome.

2.3 Content of the residency programme

Programme 7R09115 "Nephrology (adult, children's)" (Approved by the decision of the Scientific Council No.11 dated August 18, 2021) includes passport data, training results, the name of competencies, disciplines, with a description of the path of achievement of results, monitoring and evaluation of training results, material resources. The content of the educational programme corresponds to the State Standard of the RoK. Educational and methodological materials were developed by the head of the Department of PIU, discussed at the meeting of the CEP (No.11 dated June 23, 2021 – the CEP Work Plan was presented) and approved at the meeting of the Academic Council of the University (No.6 dated June 24, 2021 – the Work Plan of the Academic Council was presented). A review of the educational programme from the professor of the Asfendiyarov Kazakh National Medical University Kabulbaeva K.A., but there are no reviews from representatives of practical healthcare. Persons who have completed and successfully passed the final certification are awarded the qualification of "nephrologist" and a certificate of completion of residency is issued. There was no revision of the thematic plan due to the resident's training only during the year. When interviewing faculty, CEP employees, and the Residency Department, these facts were reflected.

2.4 Programme structure, content and duration

The distribution of disciplines by hours, academic periods is carried out by the CEP and the department of academic work in accordance with the SCES, TEP and the list of components of the choice, agreed with the vice-rector for academic activities. The 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. The individual curriculum reflects the disciplines, the number of hours by sections and disciplines, the forms of knowledge control. The syllabuses indicate the place and time of the training consultation for each resident. The list of disciplines of the component by choice is compiled in accordance with the CED, formed and approved annually at the university. Disciplines of the Catalogue of Elective Disciplines are reflected in the EP. The Catalog of elective disciplines for the 2022-2023 academic year in the specialty 7R09115 "Nephrology (adult, children's)" is presented.

2.5 Organization of training

According to the presented structure of the university, the vice-rector for scientific and clinical work, who reports to the rector, is responsible for the strategy for the development of postgraduate education. The vice-rector responsible for the educational activities of the residency is the vice-rector for academic activities. Clinical bases are selected for compliance with the residency programme by the clinical work department, which draws up contracts with clinical bases. The departments of the NEI "KazRosmeduniversity" headed by the head of the department determine the clinical bases. When drawing up the staffing table for the new academic year, for conducting classes for residents, the mandatory requirement for teachers is the presence of an academic degree, academic title and work experience. The ratio of teaching staff to students is 1:3.

According to the agreements, clinical bases are jointly responsible for the quality of training of future specialists, providing departments with high-quality educational facilities, ensuring residents' access to patients and modern diagnostic equipment. Cooperation with basic organizations takes place in accordance with a comprehensive plan, which indicates both university teachers and students. Residents take part in the evaluation of the educational programme through participation in the CEP (order dated 28.08.2020 No. 26-02-15 n/k), satisfaction survey. The results of the survey are discussed at the department.

2.6 Relationship between postgraduate medical education and health care

Mentoring is carried out on the basis of the Regulation on Mentoring, approved by the Protocol of the Scientific and Clinical Council No.18 of June 17, 2019. The share of employees from practical health care as mentors was selected from among experienced specialists whose activities are related to the direction of the residency programme (having at least 5 years of experience in this professional field). Residents supervise 9-10 patients daily.

Conclusions of the EEC on the criteria. Compliant with 31 standards: fully - 30, partially - 1.

Standard 2: Implemented

Recommendations for improvement identified during the external visit:

1) To develop quantitative indicators of the resident's research work performance.

Standard 3: ASSESSMENT OF STUDENTS

Evidence of compliance:

3.1 Methods of evaluation

The University has developed a general policy, principles, methods for assessing the achievements of residents. The system for monitoring the academic achievements of residents at the University includes: current and milestone performance monitoring, interim certification of residents and final state certification. Routine control – checklist assessment. The form of discipline control is determined by the department. The form of the midterm and final control is approved by the Academic Council. Interim certification is carried out in the form of an annual report (portfolio) based on the resident diary. The organization and conduct of the interim certification (examination session) of students is carried out by the registrar's office together with the head of the residency. The schedule of interim certification is drawn up by the DP&CEP and communicated to residents and teachers no later than two weeks before the start of the certification. The duration and terms of the final certification of residents are provided for by the academic calendar and working curricula of specialties. The test tasks for conducting midterm and final control for residents are mainly represented by situational tasks of levels 2 and 3 of complexity with multiple response options (MCQ), updated annually. Experienced teachers with advanced pedagogical qualification in testology, independent experts in practical health care are involved in the development and examination of test tasks. As supporting documents, the following documents were submitted to the members of the EEC: Acts of implementation of innovative technologies in the educational process, Test assignments and reviews of assignments, Assessment sheets, Regulations on the test committee, approved by the decision of the Academic Council dated October 28, 2021 No.2, Academic Policy, approved at the meeting of the Academic Council dated August 27, 2021 No. 1, Regulations on the current monitoring of academic performance, intermediate and final certification of students, approved by the SC dated April 24, 2020 No.1.

The study of control and measuring tools (30 checklists, a list of test tasks for 3 disciplines: Renal pathology in pregnant women, Clinical nephron morphology, Adult nephrology, and reviews for them) showed that the organization has introduced an appropriate evaluation policy that allows a comprehensive assessment of the educational achievements of residents. During the interview, residents spoke about evaluation forms, for example, checklists, which are aimed at a versatile assessment of competencies - patient supervision, communication skills, compilation of clinical tasks, etc., and that they are satisfied with everything. They also receive regular feedback from teachers. These data are confirmed by the results of the questionnaire of residents: 100% noted the sufficient equipment of didactic materials, classroom and library fund, electronic resources. According to 100% of respondents, teachers constantly provide feedback after completing classes. The system for appealing the results of the assessment is reflected in the document "PL-03-35-11 Regulations on the current monitoring of students' performance, interim and final certification. Version 2" (dated 27.08.21) and during the period of implementation of the programme 7R09115"Nephrology (adult, children's)" there were no precedents for appeal. Thus, compliance with standard 3 has been established.

During the visit to the organization and during the interview with an employee of A.Zh. Karabayeva (associate professor of the Department GMP), Z. N. Ligai (head of the Department of General Practice), the commission made sure that there is a documentation system that is transparent and accessible to all teachers and employees, and includes such documents as annual operational plans, annual reports, regulations of units, contracts with teachers and residents, WC, IPR and EIP, staffing, and educational and methodological documentation (work programme, work curricula, syllabuses, journals) , evaluation tools (checklists , sheets), certificates. A review of the Moodle website showed that its pages contain the necessary documents for residents – syllabuses, manuals, test tasks and information on the schedule of classes and examinations, which is regularly updated. This information was obtained during an interview with A.Zh. Karabayeva (associate professor of the Department of GMP), Z. N. Ligai (head of the Department of GMP). Meanwhile, there is an underdeveloped system of alerting students and faculty through remote technologies about options for academic mobility, internship options based on foreign centers, social programmes, benefits, which affects the awareness of residents and faculty. 42.86% know about the implementation of social programmes to support teachers, 7.14% used them, 28.57% do not know and 21.43% of respondents are doubtful about their availability.

3.2 Relationship between evaluation and training

Compliance of control and measuring instruments with the discipline specification, teaching methods and level of education is monitored by the CEP, which includes testologists, by the test committee. These mechanisms allow you to assess the validity of the completed tasks. Corrective measures are taken in case of a decrease in students' academic performance and insufficient reliability. After completing the course, residents undergo a questionnaire, within which feedback is given. The results of the survey are discussed at a meeting of the department and the CEP to determine the need for the necessary measures. The specifications of tests and the list of skills assessment are agreed with educational and methodological associations in the field of training of health personnel. Assessment sheets for all types of assessment are discussed at the meeting of the department, approved at the meeting (CEP). The University uses additional methods of assessing residents, such as a portfolio, assessment of scientific activities. The resident does not agree with the results, has the opportunity to file an appeal. The results of educational achievements are reflected in the electronic journal of students. The report on the performance of residents is considered and approved at the departmental meeting, taking into account feedback in the form of an analysis of resident questionnaires and individual resident reports for the year. The results of FSA and other types of control cannot be presented in terms of years, since EP 7R09115 – "Nephrology (adult, children's)" was opened only in 2021 and only 1 resident is trained.

The conclusions of the EEC meet the criteria of 11 standards: 11 in full.

Standard 3: Implemented

Recommendations for improvement identified during the external visit: none

Standard 4: STUDENTS

Evidence of compliance:

4.1 Admission and Selection Policy

The University has developed a system for admission to the residency: an entrance exam in a specialty, personal achievements of the applicant, the results of research work, etc. A grading scale for the score of the entrance exam has been developed. Given the prevalence of COVID 19 infection, the university, according to academic autonomy, introduced appropriate changes to the rules of admission to the residency. Admission to the residency with an indication of specialty is announced through the placement of an announcement on the university's website (<http://krmu.edu.kz/rezidentura-3/>, "Admission Commission" - "Residence").

Information on the necessary list of documents for admission to the residency is posted on the University's website, as well as in the admission commission. Applications for admission to the residency of higher educational institutions are received from 3 July to 25 July.

When analyzing the programme of the entrance exam in the specialty of the programme 7R09115 "Nephrology (adult, children's)", the experts of the EEC noted that the prerequisites for admission are: internship in the specialty of GMP or Therapy, Obstetrics and Gynecology, Surgery in previous years. Meanwhile, the questions presented are narrowly focused and cover topics such as thrombotic microangiopathies, which are not on the list of practical skills of internship graduates.

4.2 Number of residents

The start of the educational programme 7R09115 "Nephrology (adult, children's)" from 2021. For the 2021-2022 academic year, 1 resident Azamat Madibekovich Kemelov was recruited under an economic contract. Accordingly, it is not possible to provide information in terms of years. Meanwhile, the resident's interview showed his high motivation for choosing this profession, since he pays for his studies independently, having spent several years raising funds. Thus, it is possible to draw a motivated conclusion about the correct choice of profession.

4.3 Resident support and advice

For the implementation of the competence-oriented Model of medical education in the NEI "Kazakh-Russian Medical University", the university operates a system of academic advice to residents at departments/courses. To this end, 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, assists in employment and a clinical mentor in the medical organization where the resident is trained. The curator is appointed from among the faculty of the department/course. 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 required by the resident in the process of his training, which is reflected in the Academic Policy of the University. An analysis of the questionnaire within the framework of accreditation showed that according to 100% of the surveyed residents, teachers constantly provide feedback after completing classes, which allows them to respond to potential threats in a timely manner.

In order to facilitate the employment of graduates of the University, the career center annually carries out consulting work with graduates, sends information to the authorized body for the distribution procedure.

4.4 Representation of residents

Residents have the opportunity to participate in the discussion of EP, change the trajectory of education, making adjustments by providing systematic feedback and representation in the CEP. AC, SC The planning of the educational environment, assessment methods, improvement of the educational process are based not only on regulatory and legal documentation, management decisions and teachers' proposals, but also take into account the opinion of resident doctors. To this end, sociological surveys have been introduced, the questionnaires of which consist of questions about the schedule, methods of teaching and evaluation, conditions of training in clinics, availability of methodological and information and communication materials, relationships with teachers.

During the elective fair, students of the residency make their own choice of the studied elective discipline according to their preferences.

For residents there is a motivation in the form of awards, participation in republican and international conferences, master classes and trainings, publication of joint scientific works, participation in scientific researches carried out at the department.

4.5 Working conditions

According to the concluded clinical agreement between the University and the basic clinic, residents under the supervision of doctors (mentors) of the basic institution are allowed to supervise patients, duty. Residents at the clinical bases of the department, implementing EP, in addition to patient management, participate in all events held on the clinical basis: "Open Days", organization of

training for nurses, in the organization and implementation of events for scientific and information exchange in the form of conferences, seminars, symposia, forums and other forms aimed at the exchange of experience, scientific and practical information, strengthening of mutually beneficial relations, participate in the implementation of joint scientific and research projects.

The study load of residents is compiled in accordance with the Law of the Republic of Kazakhstan "On Education", the mode of students' classes is determined primarily by the schedule of the clinical base (as a rule from 08.00 to 17.00), is regulated by educational programmes developed on the basis of the SCES 2017, 2020, sanitary and epidemiological rules and standards, curricula and recommendations of health and education authorities. The relationship between training and the resident's participation in the provision of medical care is regulated by the rules of organization of the educational process in the residence of the University.

Conclusions of the EEC on the criteria. Compliant with 30 standards: fully - 29, partially – 1.

Standard 4: Implemented

Recommendations for improvement identified during the external visit:

1) The programme of entrance examinations should include questions only in the disciplines of prerequisites and exclude highly specialized topics.

Standard 5: FACULTY

Evidence of compliance:

5.1 Recruitment and Selection Policy

The University has developed and approved the "Personnel Policy" R-01-23-01 dated 25.12.2020 No.5, which is aimed at ensuring the achievement of the strategic goals of the University through the consistent implementation of principles and conceptual approaches to personnel management. Job descriptions have been developed and implemented for this purpose. Thus, competitive selection is carried out on the basis of the current Regulation on the competitive substitution of positions of faculty and researchers, approved by the order of the rector No. 26-02-44-n/k dated November 27, 2020.

Specialty 7R09115 "Nephrology (adult, children's)" is accredited for the first time, the training of residents and the recruitment of teaching staff occurred in 2021. Training in the specialty 7R09115 "Nephrology (adult, children's)" was carried out during the year in 3 disciplines (Adult nephrology, Clinical nephron morphology, Renal pathology in pregnant women). Teaching staff of the specialty is represented by 1 specialist (1.25 hours), Doctor of Medical Sciences, Associate Professor, A.Zh. Karabayeva and 1 part-time employee under the contract. A.Zh. Karabaeva combines hours of practical classes and IWRT, taking into account her clinical experience and academic merits (consult patients, conducts expert assessment of medical histories, conducts scientific work, has scientific publications). The experts were presented with an individual plan of A.Zh. Karabayeva. The rest of the data characterized the activities of the university as a whole (data on business trips, material assistance, awards of teaching staff, plans and reports on the increase of teaching staff).

The system of professional and pedagogical improvement of teaching staff of NEI "KazRosmeduniversity" includes the following divisions: Teacher's School, Institute of Postgraduate Education, winter and summer schools organized by the Department of academic Work, which contribute to the formation and development of the competence and potential of teaching staff.

In order to verify the data of Standard 5, external experts obtained the opinion of 8 teachers, which showed that the employees have information about the personnel policy of the university. The conversation with Vera Ivanovna Veryovkina, Head of the Personnel Department, included such issues as the ratio of the number of teaching staff to the number of residents, the hourly workload of teaching staff in the residency, clinical mentors, qualification requirements for teaching staff and allowed experts to learn about approaches to personnel policy, planning for improving pedagogical qualifications, about the strategy and tactics of recruiting residents, information security of the educational programme. As part of the survey of teaching staff, out of 14 employees, all expressed approval for the organization of the educational process, noted opportunities for career growth and

competence development; compliance with ethics and subordination, organization of work and the workplace are fully satisfied with 92.86% of respondents, partially - 7.14%. There is an opportunity for career growth and competence development for teachers in the organization - 100% fully agree. However, the university does not have a strategy of a differentiated approach to stimulating higher-education teaching personnel with regard to the implementation of scientific, pedagogical, and therapeutic competencies.

5.2 Teachers' obligations and development

The plan of advanced training of the teaching staff of the NEI "KazRosmeduniversity" is compiled and updated annually. Plans and reports on improving the qualifications of the university's teaching staff and administrative staff are presented, according to which in the 2020-2021 academic year 145 teachers underwent various cycles, 5 of them on the basis of foreign organizations. These activities are financed by the university. A survey of 14 teachers involved in the implementation of residency programmes showed that 92.86% of respondents are completely satisfied with the work of the personnel service, they doubt with the answer – 7.14%. The majority of those surveyed have undergone refresher training over the past 5 years. 100% fully agree that they can be implemented as professionals.

The experts were provided with information on the receipt of awards and incentives, financial assistance.

Experts have found that teachers have the opportunity to participate in the research of departments and universities, have scientific potential, which is demonstrated in the list of scientific works of A.Zh. Karabayeva, initiate research topics for residents, stimulate the need for additional training and independent work with literature, archived patient records, analytical data. In this educational institution, teachers have the opportunity to do scientific work and publish the results of research – 100% completely agree.

Unfortunately, 42.86% did not answer the question of whether the university supports the teacher in participating in international and republican events, they applied for payment of travel, business trips, registration fee – 7.14%, for payment of registration fee – 7.14%, and 35.71% did not apply with this to the management or relevant administrative employees of the university. 42.86% know about the implementation of social programmes to support teachers, 7.14% used them, 28.57% do not know and 21.43% of respondents are doubtful about their availability.

Thus, the University has developed and implemented a personnel policy, but it is of a general nature, there are no individualized criteria for assessing the achievements of university employees. In this regard, it is recommended to develop criteria for evaluating the activities of teachers and mentors.

Conclusions of the EEC on the criteria. Compliant with 7 standards: fully – 6, partially – 1, non-compliant – 0

Standard 5: Implemented

Recommendations for improvement identified during the external visit:

1) Develop criteria for evaluating the activities of teachers and mentors.

Standard 6: EDUCATIONAL RESOURCES

Evidence of compliance:

6.1 Logistics and equipment

The University has a developed material and technical base for the implementation of professional training of residents in the specialty 7R09115 "Nephrology (adult, children's)": 2 educational buildings, 4 clinical bases (SPE on the REM "Central City Clinical Hospital" DHC Almaty, the Center for Perinatology and Pediatric Cardiac Surgery, SPE on the REM CCH No.2, University Clinic "Aksai" Asfendiyarov KazNMU , the office of "information and communication technologies", a test center, an educational and clinical center , a mobile medical complex, a hostel , a scientific library, premises for therapeutic purposes, premises for leisure (sports hall), public catering

enterprises. The University has a center for the formation and development of practical skills among residents in accordance with the goals and objectives of the educational programme. If deficiencies in the provision of material resources are identified, the department submits applications to the Department of Financial Work for the purchase of the necessary equipment.

During the visit, the clinical base was visited: Central City Clinical Hospital, Zhandosova, 6). This is a multidisciplinary clinical hospital with a dedicated bed capacity of 30 budgeted and paid beds, an effective substitution unit, a urology unit and other interdisciplinary units. Management of pregnant women with kidney diseases, pediatric nephrology, outpatient admission is carried out on the basis of PSE on REM RIC&ID (Polyclinic admission of 200 patients 178 beds and 27 beds of a day hospital), PSE on REM "CCC" (180 beds and 25 beds of a day hospital), LLP Makiza MC Asmed 2 (outpatient admission), RIC&ID SP No.8 (outpatient admission). During the survey of 12 residents on the issues of satisfaction with resources and bases – 100% of students indicated that there is enough time for practical training (patient supervision, etc.). The survey of faculty members on the satisfaction of the educational process showed high satisfaction (100%): the university observes ethics and subordination. 92.86% indicated sufficient organization of work and workplace.

6.2 Clinical Bases

The review of resources showed that they correspond to the goals and objectives of educational activities, for example, the University signed agreements on cooperation with 85 medical organizations located in Almaty, Almaty region and regions of the Republic of Kazakhstan, mobile medical complexes. The number of training rooms and auxiliary rooms provided at clinical facilities is ^{12,706.4m²}. To implement the residency training programme in the specialty 7R09115 "Nephrology (adult, children's)", 4 clinical bases are used with the involvement of representatives of practical health care on a contractual basis. All clinical bases are accredited: PSE on REM RIC&ID - 02.12.2018. for a period of 4 years, PSE on REM "CCC", LLP Makiza MC Asmed 2- 2019 for 3 years RCHD, PSE on REM SP № 8-2020 for 3 years RCRP. During the conversation with the administration of clinical bases, information was received about the conduct of joint therapeutic and preventive work with the involvement of residents in the supervision. The employees of the organization of education provide collegial and ethical relations with the medical personnel, the management of the clinical base to achieve the final results of residents. A sufficient number of thematic patients, modern equipment and demonstrates accessibility to students are provided, and employees who simultaneously perform the roles of teachers and mentors (mentors) provide high-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 must acquire and develop during the training.

During visits to clinical bases, where experts conducted a survey of resources, their compliance with training programmes, accessibility for teachers and students, as far as this equipment is modern and meets the needs of students and practical health care. Experts obtained evidence of compliance with Standard 6, as well as validation of the information in the self-assessment report.

In order to validate the implementation of the data of the self-assessment report and obtain evidence about the quality of the programmes, interviews were conducted with residents in the specialty 7R09115 "Nephrology (adult, children's)". Experts asked questions about satisfaction with training, sufficiency of time for patient supervision, work in Damumed with medical documentation, satisfaction with teaching methods and qualifications of teachers, social and moral support for residents in need, availability of international databases of professional literature. Interviews were also conducted with 12 students from different specialties. They noted that 75% of residents are satisfied with the organization of clinical training, and 25% - partially. The majority of residents (91.67 per cent) indicated that the teaching methods used were sufficient. In general, residents are satisfied with the training, assessment methods, and purposefully entered this organization, as they believe that the organization of education has good resources, image and international relations. At the same time, residents would like to be able to rotate and receive training on the basis of other universities, research institutes within the framework of academic mobility not only in the territory of the Republic of Kazakhstan, but also in the countries of near and far abroad.

Residents showed their commitment to the organization of education, were active in answering the questions of external experts, demonstrated their judgment in the organization of training, assessment of their skills, advisory support, the opportunity to participate in R&D. Members of the External Expert Commission (EEC) Experts studied the documents of residents (portfolio, results of assessment of residents - checklists, results of questionnaire of residents).

6.3 Information technology

Since 2020, the university has created a department of distance learning technologies, created online working rooms for students and teaching staff, created 43 online courses for residents. The distance learning system is based on AIS Moodle. Residents of the specialty 7R09115 "Nephrology (adult, children's)" and teachers at clinical bases have access to information systems of health care, patient management, practice and work in medical care systems. The Library operates the university's electronic library programme, ALLmaibook, an electronic catalogue and remote access to technology.

During the interview of the resident in the specialty 7R09115 "Nephrology (adult, children's)", AIS Moodle was monitored, in which there were syllabuses, a methodological manual. While this platform has more opportunities – the formation of photo and video material, the development of chats, the formation of test and reference materials in the framework of self-preparation.

6.4 Clinical Teams

Clinical teams at clinical sites are formed from academic staff, attending doctors, specialized specialists, nursing staff and residents. This approach allows you to form a skill like working in a team. When visiting the clinical base "Central City Clinical Hospital, str. Zhandosov, 6" this approach was presented by the chief physician and his deputies, and demonstrated in the specialized department. Adherence to communication skills and mutual respect allow the treatment process to be carried out at a higher level. When interviewing A.M. Kemelov and A.Zh. Karabaeva, it was noted that there is access to the management of profile patients, effective therapy, outpatient and inpatient management of the patient, examination of pregnant women with kidney diseases. These data confirm the results of the survey: 92% of respondents noted that the university allows to improve or acquire the necessary knowledge and skills in the chosen specialty. 100% are fully satisfied with the organization of teaching in the NEI KRMU. The organization of clinical training, according to 75% of respondents, fully satisfies them, but 25% - partially.

6.5 Medical Research and Advances

Since 2016, 17 research projects have been carried out at the University. One of the initiative topics is devoted to the work of Mobile Complexes: "Improving the provision of medical care to residents of rural regions at the level of PMHC with the help of mobile complexes" with the involvement of faculty and students. Only 1 topic was funded by the City Health Department of Almaty in 2018, the rest are either intra-university or initiative. The lack of grant research reduces the ability of faculty and residents to implement promising research, travel to international conferences, publications in leading print media. Residents plan their research topics together with teachers, can participate in the proposed topics. When conducting an interview with Kemelov Azamat, it became clear that at the end of the first year, no specific topic was identified, no research plan was drawn up. There is only a general understanding of the chosen direction.

6.6 Education expertise

Of the 17 research topics presented, only one is devoted to the assessment of the quality of medical education "Scientific-based approaches to improving the process of training middle-level personnel" (2017-2020). In the list of publications, the PS of HEI are also singular.

6.7 Training in other institutions

30 agreements and memoranda on cooperation with various educational and medical institutions are presented in the framework of the preparation of the self-report of the EP in the specialty 7R09115 "Nephrology (adult, children's)" (Appendix 11 REPORT on the self-assessment of the educational programme 7R09115 "Nephrology (adult, children's)" according to the criteria of specialized accreditation). The university has developed a system for converting Kazakhstan loans into ECTS

loans. However, an interview with a resident in the specialty 7R09115 "Nephrology (adult, children's)" showed that academic mobility was not considered during the year and potential plans were not made.

Conclusions of the EEC on the criteria. Compliant with 21 standards: fully -18, partially -3.

Standard 6: Implemented

Recommendations for improvement identified during the external visit:

- 1) Update information for residents on websites (training tasks, tasks for self-control).
- 2) It is recommended that individual plans of residents reflect research activities (research topic, programme, publications, participation in conferences).
- 3) To develop a system for motivating employees to conduct research in the field of medical education

Standard 7: PROGRAMME EVALUATION

Evidence of compliance:

7.1 Monitoring and evaluation mechanisms

The mechanisms for assessing the residency programme in the NGO "KazRosmeduniversity" are aimed at monitoring the availability of educational process resources (clinical bases, educational literature, classroom fund, equipment, teaching staff: teachers, clinical mentors, supervisors); monitoring the compliance of curricula with the requirements of state educational standards; monitoring feedback from stakeholders on the quality of the content of the EP; monitoring students' performance.

The programme in the specialty 7R09115 "Nephrology (adult, children's)" was initiated and introduced into the educational process in 2021. The programme has passed an external examination on the platform of the ESUVO, there is a review from prof. Kabulbayeva K.A., but absent from the representatives of practical health care. The educational programme passed all the stages of the university assessment: at a meeting of the Department of General Medical Practice, discussed at A meeting of the CEP (the annex presents the work plans of the CEP), agreed at a meeting of the Academic Council of the University (the annex presents the work plans of the Academic Council), agreed with the resident Kemelov A.M. The programme also presents the disciplines of the component of choice. The syllabuses are agreed with the specialists of the EMD and the head of the residency. Considering that this EP is developed for the first time, this programme undergoes accreditation for the first time. During the interview with the teaching staff, evidence was obtained that all the stages of the internal training were observed, the resident Kemelov A.M. possesses information about the disciplines, participated in the formation of the catalog of elective disciplines and the choice of the electives themselves.

7.2 Feedback from teachers and residents

Feedback contributes to a better understanding of the current needs of students and teachers and is systematic when making changes to the educational programme. In the NEI "KazRosmeduniversity", the CEP, as part of the monitoring of the educational programme, conducts questionnaires of students, including residents. After that, an Action Plan was developed to improve the satisfaction and expectations of university consumers on the basis of the analysis of the survey on the assessment of students' satisfaction with the conditions of study at the university. In 2020-2021, 164 people were surveyed. Questionnaires are developed on a five-point system, questions concern such questions as existence of night shifts, the organization of scientific work, methods of teaching. Questionnaire survey is planned for the specialty 7R09115 "Nephrology (adult, children's)". The department is held once a year, the head of the department and the teacher responsible for residency are responsible for collecting and processing the results of the discussion. As part of the accreditation, interviews and questionnaires of residents were carried out, including in the accredited specialty. Resident A.M. Kemelov expressed high satisfaction with the organization of the educational programme, independently chose the elective discipline. The survey was conducted by a representative

of the EEC, within the framework of which residents are ready to recommend their university to interested parties, 83.3% of the surveyed are sure that the teaching staff have information on the training of residents, the same 83.3% are satisfied with the bases and equipment of educational facilities. And 100% noted the use of didactic material of teaching staff in the educational process.

7.3 Results of Residents and Graduates

Given that the programme does not have a full school year, dynamic analysis cannot be presented, and the formation of final results can only be truncated. Competency development is monitored through the use of a portfolio that was demonstrated during a clinical interview. Resident 7R09115 "Nephrology (adult, children's)" provided an individual scientific plan, assessment sheets with a mark on the types of work performed, demonstrated skills in working with remote technologies. The learning path for the formation of competencies is reflected in the Work Curriculum for the 2021-2022 academic year (dated 18.08.2021), the forms of control over the disciplines for the 2021-2022 academic year (Protocol No.1 dated 27.08.2021).

7.4 Stakeholder Engagement

The University has the following powers to monitor the educational process:

- the Residency Department is responsible for the formation of the WEPI;
- the Department of Academic Work is entrusted with: control of the compliance of the WEPI with the requirements of the SCES, the formation of the CED, the assignment of disciplines to the departments, the quality control of the EMCD and the monitoring of educational and methodological documentation of departments that train residents;
- the Department of Professional Practice and Clinical Work is responsible for: monitoring and selection of clinical bases, conclusion of contracts and coordination of work with clinical bases, organization of medical services for students;
- the specialized department is responsible for the formation of resident competencies in the taught disciplines, the quality of teaching and updating the content of the EMCD, CMS in accordance with the development of science and medicine;
- The CEP organizes measures to improve the educational programme: forms working groups on the examination and evaluation of work curricula, teaching and assessment methods, the examination of the CED, planning measures to improve the content and process of implementing the educational programme (the CEP Work Plan, the Action Plan for the improvement of the Residence Department on student surveys in 2019-2020, 2020-2021 academic years, the Report on the results of the questionnaire of students of the Residence in 2020-2021 academic year, the Report on the results of the questionnaire of graduates of the Residence in 2020, 2021);
- The Academic Council reviews and discusses the qualities of educational programmes and approves the EP (Work Plan of the Academic Council)
- The rector holds regular meetings with departments and students to assess the implementation of the educational programme.

For feedback with teachers and residents, the Rector's blog is used, on which students and university staff receive answers to questions they are interested in on the terms of 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.

Interviews with 4 employers were conducted online and 2 offline and included such questions as: knowledge of the university's mission, participation in the development of the mission and proposals to the strategic plan, 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 the formation of clinical thinking, about the problems of interaction with departments and universities in general, % employment of residency graduates, etc. In general, all employers expressed interest in the formation of competent graduates and interaction with the university's teaching staff.

The EEC commission found out that residents do not plan their scientific component from the moment of admission, the methods of its implementation. During the interview, resident A.M.

Kemelov expressed his interest in studying effective methods of therapy, but the topic of the study was not planned, which is further limited by the time frame.

7.5 Procedure for Approval of Educational Programmes

EP 7R09115 "Nephrology (adult, children's)" was developed by Z.N. Ligai, Head of the Department of GMP, considered at the meeting of the Department of GMP, discussed at the CEP No. 11 dated June 23, 2021, agreed at the meeting of the Academic Council No.6 dated June 24, 2021. The EP was agreed with Kabulbayev K.A. - an academic expert and resident of Kemelov A.M. The examination of the CEP was carried out by the CEP, for compliance with the State Committee on Epidemiological and Epidemiology, TEPL and compliance with the Objective of the EP and the results of training. The presented disciplines of the component by choice are included in the CED. There is no review from healthcare practitioners.

Conclusions of the EEC on the criteria. Compliant with 15 standards: fully – 15.

Standard 7: Implemented

Recommendations for improvement identified during the external visit:

Standard 8: GOVERNANCE AND ADMINISTRATION

Evidence of compliance:

8.1 Management

The University implements the programme 7R09115 "Nephrology (adult, children's)" in accordance with the regulations approved by the Ministry of Health and Social Development and the Government of the Republic of Kazakhstan, as well as the internal rules for the organization of the educational process in the residency. The University has defined the general strategy, main directions, priorities and objectives of the University's policy in the field of improving the quality of education (Quality Policy and Quality Objectives for the 2021-2022 academic year were approved at the meeting of the Academic Council No.1 on 27.08.2021) in accordance with the mission, vision and Strategy of the NEI "Kazakh-Russian Medical University" for 2019-2025.

Coordination of the implementation, control and monitoring of the implementation of the programme 7R09115 "Nephrology (adult, children's)" is carried out by the Residency Department under the supervision of CEP, AC, Vice-Rector for Scientific and Clinical Work. Stakeholder feedback is conducted online through various online services.

During the interview with the head of the residency department Orakbai L.Zh., the chief specialists of the residency department Dossayeva S.T., and Kasimova Arzigul Imarovna, the chairperson of the CEP (postgraduate education of the residency and doctoral studies) Ligai Z.N., the acting vice-rector for scientific and clinical work Seidalin A.O., the vice-rector for academic activities Kusainova A.S., the acting vice-rector for educational work Sovostyanova T.A. received convincing data on the monitoring of the EP, the identification of potential problems, the preparation of a strategic plan. So, Seidalin A.O. presented data on the expansion of the list of clinical bases taking into account the needs of students, active participation in the work of Mobile Complexes. Kusainova A.S. presented a plan to expand academic cooperation with foreign universities, centers. However, in order to implement this component, residents will need to be proficient in a sufficient level of a foreign language. The issue of the development of academic mobility among residents, both internal and external, remains unresolved, taking into account the gradual exit of organizations from the pandemic state and the need for planning material expenses by the university.

8.2 Academic Leadership

General management of the educational process, including at the postgraduate level, is carried out in accordance with the organizational structure of the NEI "KazRosmeduniversity". The executive body of the University is its Rector, it also establishes the competence of vice-rectors and other senior employees of the University, decides all issues of the University in accordance with its competence determined by the legislation of the Republic of Kazakhstan.

Direct management of resident programmes and coordination of resident activities since the existence of the resident programme is carried out by the Resident Department. The main purpose of the department is to carry out continuous organizational, coordination and administrative work aimed at achieving the mission and purpose of educational programmes, including residency in the accredited specialty. The Department reports directly to the Vice-Rector for Scientific and Clinical Activities, the Rector and interacts with other structural units of the University involved in the implementation and support of residency programmes (SAR, DIT).

The organization of the educational process in the NEI "KazRosmeduniversity" is regulated by the working curriculum in the specialty "7R09115 "Nephrology (adult, children's)", the schedule of training sessions and IEP of the resident. Evaluation of the organization of training at the department is carried out through systematic control of the departments by the department.

In order to effectively manage the educational process, the successful implementation of the Model of medical education in the NEI "KazRosmeduniversity" there is a CEP, the purpose of which is to improve the educational programme, improve the educational process. The main objectives of the CEP are: systematic implementation of the principles of a model of medical education based on competence-based learning at all levels of education; control of educational and methodological support and maintenance of the educational process at the University; scientific and methodological support for the implementation of educational programmes; control of the introduction of innovative educational technologies and promising forms of organization of the educational process; assessment of the quality of educational programmes in the areas of specialization and the development of recommendations for improving quality, control of CMS. The Academic Council organizes and considers the introduction of various forms of methodological work aimed at improving the educational process.

In the process of interviewing representatives of the units involved in the implementation of the programme 7R09115 "Nephrology (adult, children's)", convincing data of this process were obtained. Thus, the head of the educational and methodological department Uysenbayeva Sh. O. gave an example of drawing up the schedules of classes in the residency, controls, when the phasing of classes, the choice of bases are discussed with all interested parties - the faculty, the residency department, the CEP and, if necessary, with the vice-rector for scientific and clinical work. Interviews with representatives of practical health care showed that the administration of health care facilities are satisfied with the quality of education and development of the University.

8.3 Training budget and resource allocation

The presented information on the budget is of a general nature and it is not possible to distinguish the budget of the educational programme "7R09115 "Nephrology (adult, children's)". Financial issues are under the responsibility of the Director of the Department of Financial Work and the Chief Accountant of the University with the ultimate monitoring of the Rector of the University.

The budget of KazRosmeduniversity is formed from two sources: the republican budget (state order for training of personnel of higher and postgraduate education, advanced training of medical workers, development of scientific research, transfers) and provision of paid educational services. The budget of the University has increased from 1,852,270.2 tenge in 2016 to 3,961,072.5 tenge in 2020. Which was more than 2 times higher. Of these, about 30% is spent on wages and taxes, 10% on TS training, the remaining amount is allocated to such items as the purchase of equipment and consumables, the purchase of software, fakes, laboratory equipment, travel expenses, social expenses. An average of 0.3% of the university's income is spent on the purchase of literature. In general, the budget of expenditures is formed on the basis of requests from all interested departments that implement EP in the residence, including the resources of the library, the training and clinical center, and Mobile Complexes.

8.4 Administration and Management

The University has developed documentation on management of a conceptual nature: the Strategy of the NEI "Kazakh-Russian Medical University" for 2019-2025 with the Mission and Vision of the University, Quality Policy and Objectives of the NEINGO "KazRosmeduniversity". These

documents are of priority importance, as they form the development of the university. The structural unit responsible for ensuring the quality of management is the Department of Strategic Development and QMS, which organizes a regular audit of the work of departments and structural units. During the interview, the issues of strategic development of the university were condemned with the leadership of the university.

8.5 Requirements and regulations

In order to validate the implementation of the data of the self-assessment report and to obtain evidence of compliance with the requirements and regulations in the implementation of the EP in the specialty 7R09115 "Nephrology (adult, children's)", the Quality Goals were studied (Quality Goals for the 2021-2022 academic year were approved at the meeting of the Academic Council No.1 dated August 27, 2021) and the indicators given. So, for example, to increase the scientific potential in the NEI "KazRosmeduniversity" indicators have been developed – the number of won competitions, the number of articles in the database Scopus, Tomson Reuters, RSCI, holding and participation in international conferences. Regulations on divisions, posts were provided.

Conclusions of the EEC on the criteria. Compliant with 15 standards: fully – 15.

Standard 8: Implemented

Recommendations for improvement identified during the external visit: none

Standard 9: CONTINUOUS RENEWAL

Evidence of compliance:

The general approach to improving postgraduate education at the University is carried out taking into account the need for practical health care of the Republic of Kazakhstan, which is undergoing reform, regularly initiates a review and updating of processes. The organizational structure of the university is reviewed annually.

The Annual Report of the Rector on the work done and the tasks for the new academic year is considered annually at the meeting of the Academic Council. All other collegial bodies at the last meeting carry out analysis and draw up plans at the last meeting. Based on the results of the analysis by the management, measures are initiated to improve and improve the identified problems. Feedback from residents, employers is one of the factors contributing to the improvement of the educational programme. Measures are taken to introduce a risk management system in educational activities, introduce an automated process, and intensify image policy.

Residents have representation in the Academic Council, the Academic Council, the CEP, the Student Scientific Society, the Council of Young Scientists. The process of updating educational resources in the NEI "KazRosmeduniversity" is permanent and depends on the educational environment, external and internal factors.

The programme 7R09115 "Nephrology (adult, children's)" is functioning for a year, and the elements of improvement are traced in the questionnaire of the resident and the compilation of a catalog of elective disciplines. Therefore, the information provided cannot be evaluated according to ECAQA standards.

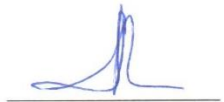







6. Recommendations for improving the educational programme 7R09115 "Nephrology (adult, children's)"

1. To develop quantitative indicators of the resident's research work performance.
2. Include issues of prerequisite disciplines in the entrance examinations and exclude highly specialized topics (4.1.6);
3. Develop evaluation criteria for teaching staff and clinical mentors (5.2.4)
4. Update information for residents on the website (training tasks, tasks for self-control) (6.3.3).
5. It is recommended that individual plans of residents reflect research activities (research topic, programme, publications, participation in conferences).
6. Develop a system to motivate health education research staff (6.6.3)

ECAQA

7. Recommendation to the ECAQA Accreditation Council

Members of the EEC established the compliance of the educational programme 7R09115 "Nephrology (adult, children's)" with the Accreditation Standards and came to a unanimous opinion to recommend to the ECAQA Accreditation Council to accredit this programme for a period of 5 years.

Председатель Внешней экспертной комиссии	Курманова Алмагуль Медеубаевна	
Зарубежный эксперт	Закирова Гузель Закировна	
Национальный академический эксперт	Кауышева Алмагуль Амангельдиновна	
Национальный академический эксперт	Сарсенбаева Гульжан Искендировна	
Национальный академический эксперт	Бачева Ирина Викторовна	
Национальный академический эксперт	Уразова Салтанат Нургожаевна	
Национальный академический эксперт	Ларюшина Елена Михайловна	
Национальный академический эксперт	Султанова Гулнар Достановна	
Эксперт – представитель работодателей	Нургалиев Нурлан Ермекбаевич	
Эксперт – представитель резидентов	Майкенова Арайлым Мураткызы	

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

6	Evaluation Criteria	Number of standards	Evaluation		
			Fully compliant	Partially compliant	Not compliant
1	MISSION AND END OUTCOMES	17	17	-	-
2	EDUCATIONAL PROGRAMME	31	30	1	-
3	ASSESSMENT OF STUDENTS	11	11	-	-
4	STUDENTS	30	29	1	-
5	FACULTY	7	6	1	-
6	EDUCATIONAL RESOURCES	21	18	3	-
7	PROGRAMME EVALUATION	15	15	-	-
8	GOVERNANCE AND ADMINISTRATION	15	15	-	-
9	CONTINUOUS RENEWAL	4	4	-	-
	Subtotal:	150	144	6	-
			150		

List of documents studied as part of the external expert evaluation

№	Names of documents	Quantity	Date of approval
1.	State License	1	01.06.2010
2.	Educational programme in the specialty 7R09115 "Nephrology (adult, children's)"	1	18.08.21
3.	Review for EP	1	2021
4.	Syllabus for the discipline "Renal pathology and pregnancy"	1	No.1 dated 27.08.2021
5.	Ultrasonic Diagnostics Syllabus	1	Not specified
6.	Curriculum in the specialty 7R09115 "Nephrology (adult, children's)"	1	No.11 dated 18.08.2021
7.	Individual work plan of the teacher in the specialty 7R09115 "Nephrology (adult, children's)"	1	No.1 dated 27.08.2021
8.	The Catalog of elective disciplines for the 2022-2023 academic year in the specialty 7R09115 "Nephrology (adult, children's)" is presented.	1	No.4 dated 24.02.2022
9.	Individual Educational Plan	1	31.08.2021
10.	Scorecards	30	
11.	Curriculum in the specialty 7R09115 "Nephrology (adult, children's)"	1	18.08.2021
12.	Strategy of the NEI "Kazakh-Russian Medical University" for 2019-2025	1	26.12.2019
13.	Forms of control over the disciplines of educational programmes for the 2021-2022 academic year	1	No.1 dated 27.08.2021
14.	Staffing schedule for September 1, 2021-2022 academic year Department of General Medical Practice	1	
15.	Teacher Honor Code	1	No. 347/1 dated 12.12.20171
16.	Round table with teachers on the role of employers in the formation of the EP	1	23.04.2021
17.	Residency plan for the 2018-2019 academic year	1	28.08.2019
18.	Residency plan for the 2020-2021 academic year	1	28.08.2020
19.	Residency plan for the 2021-2022 academic year	1	27.08.2021
20.	Order on approval of the organizational structure of the departments from September 1, 2021	1	No. 26-02-61 unnumbered dated 16.08.21
21.	Work plan of the committee of educational programmes of postgraduate education for the 2019-2020 academic year	1	29.08.2019
22.	Work plan of the committee of educational programmes of postgraduate education for the 2019-2020 academic year	1	27.08.2020
23.	Work plan of the committee of educational programmes of postgraduate education for the 2019-2020 academic year	1	27.08.2020
24.	Action plan for the improvement of the Residency	1	No.2, 24.09.2020

	Department on student surveys in the 2019-2020 academic year		
25.	Action plan for the improvement of the Residency Department on student surveys in the 2020-2021 academic year	1	No.2, 21.09.2021
26.	Report on the results of the survey of students of the residency of the 2020-2021 academic year	1	
27.	Residency Alumni Survey Report 2020	1	
28.	Report on the results of the survey of residency graduates in 2021	1	
29.	Individual curriculum 2021-2022 academic year	1	31.08.2021
30.	Scorecards	35	
31.	Regulations on the organization of training using distance learning technologies approved by the AC decision	1	No.1 dated 29.08.2019
32.	Regulations on mentoring approved by the protocol of the Scientific and Clinical Council	1	No.18 dated 17.06.2019.
33.	Personnel policy of the NEI "KazRosmeduniversity"	1	25.12.2020
34.	Regulations on on-site training in internship and residency approved by the decision of the Academic Council	1	No. 1 dated 29.08.2019
35.	Code of Academic Integrity of Students,	1	01.06.2018
36.	PL-03-35-11 Regulations on the current performance monitoring, interim and final certification of students. Version 2	1	27.08.21
37.	Career Center Tactical Plan 2020-2021	1	28.08.2020
38.	Career Center Tactical Plan 2019-2020	1	26.12.2019
39.	Action plan for employment of graduates in 2021-2022	1	30.08.2021
40.	Career Center Development Strategy Operational Plan 2018-2019	1	01.11.2018
41.	Employment of graduates 2019, 2020, 2021	3	
42.	Career Center Annual Report for the 2020-2021 academic year	1	
43.	Career Center Annual Report for the 2019-2020 academic year	1	25.06.2020
44.	Career Center Annual Report for the 2018-2019 academic year	1	02.05.2019
45.	Analysis of employers' satisfaction with graduates for 2018-2021	3	
46.	R-01-17-14 Academic Policy	1	No.1 27.08.2021
47.	PR-03-11-05 Residency Admission	1	24.07.2020
48.	PL-03-17-08 Regulation on Inclusive Education	1	№3, 15.10.2020
49.	R-03-21-06 On social support of students	1	21.06.2019
50.	Quality Policy Approved at the meeting of the Academic Council	1	No.1 27.08.2021
51.	Quality objectives for the 2021-2022 academic year. Approved at the meeting of the Academic Council	1	No.1 27.08.2021

52.	PP-03-12-01 On the Career Center	1	22.11.2020
53.	PP-04-11-01 On the Residence Department	1	21.10.2019
54.	PP-03-00-02 About the Department	1	No.9 April30, 2021
55.	K-03-21-11 Code of Corporate Culture and Ethics	1	No.4 26.11.2021
56.	DI-04-11-04 Residency Specialist	1	22.10.2019
57.	DI-04-11-03 Chief Residency Officer	1	22.10.2019
58.	DI-04-11-02 Head of Residence Department	1	22.10.2019
59.	DI-03-00-09 Senior Lecturer	1	No.9 April 30, 2021
60.	DI-03-00-08 Associate University Professor	1	No.9 April 30, 2021
61.	DI-03-00-06 University Professor	1	No.9 April 30, 2021
62.	DI-03-00-04 Head of Course	1	No.9 April 30, 2021
63.	DI-03-00-03 Head of Department	1	No.9 April 30, 2021

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