

To Accreditation Council
of Eurasian Center
for Accreditation
and Quality Assurance
In Higher Education and Health Care

December 24, 2021

**REPORT
OF THE EXTERNAL EXPERT COMMISSION
ON THE RESULTS OF THE EVALUATION OF THE EDUCATIONAL
PROGRAMME 7R01126 "UROLOGY AND ANDROLOGY ADULTS,
CHILDREN" OF THE KAZAKHSTAN-RUSSIAN MEDICAL UNIVERSITY
FOR COMPLIANCE WITH THE STANDARDS OF ACCREDITATION OF
POSTGRADUATE EDUCATION PROGRAMMES (SPECIALTY OF THE
RESIDENCE)
IN MEDICAL EDUCATIONAL ORGANIZATIONS**

external expert evaluation period: 12/13/2021-12/15/2021

Almaty, 2021

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LIST OF SYMBOLS AND ABBREVIATIONS:

AC	Academic Council
AMP	Administrative and management personnel
BD	Basic disciplines (training)
GP	General Practitioner
SAC	State Attestation Commission
SCES	State Compulsory Educational Standard
DET	Distance educational technologies
DEMw	Department of educational and methodical work
ECAQA	Eurasian Center for Accreditation and Quality Assurance in Higher Education and Health Care
FSA	Final State Attestation
IPE	Institute of Postgraduate Education
IEP	Individual Educational plan
CVI	coronavirus infection
QEP	The quality of the educational process
CEP	Committee for Educational Programmes
CED	Catalog of elective disciplines
MoH RK	Ministry of Health of the Republic of Kazakhstan
MES RK	Ministry of Education and Science of the Republic of Kazakhstan
MEO	Medical Education Organization
MA	Methodical advice
MJ RK	Ministry of Justice of the Republic of Kazakhstan
MTB	Material and technical base
IAAR	Independent Agency for Accreditation and Rating
SSC	Scientific student circle
STP	Scientific and technical programme
NCIE	National Center for Independent Examination
SC	Science Center
SCS	Scientific Center of Surgery
SCOGP	Scientific Center for Obstetrics, Gynecology and Perinatology
NJSC "KRMU"	Non-commercial joint stock company NJSC "Kazakhstan-Russian Medical University"
PO	Public organization
EP	Educational programme
DPCEP	Department of planning and control of the educational process
OSCE	Objective Structured Clinical Exam
MT	Midterm
MD	Major disciplines
PHC	Primary Health Care
GD	Government Decree
RSE on PVC	Republican state enterprise on the right of economic management

WC	Working curricula
RK	The Republic of Kazakhstan
QMS	Quality Management System
SOP	Standard Operating Procedures
RIWT	Resident Independent work under the supervision of a teacher
SIW	Student Independent work (resident)
SC	Simulation Center
RIWT	Resident Independent work under the supervision of a teacher
TEP	Typical Educational Plan
ERWR	Educational and research work of residents
EMA	Educational-methodical association
AP	Academic plan
SC	Scientific Council
CCU	Centre of collective usage
ACC	Alumni Career Center
STE	School of Teaching Excellence

1. Composition of the External Expert Commission

In accordance with ECAQA Order No. 32 dated November 23, 2021, an External Expert Commission was formed to conduct accreditation of educational programmes for residency specialties of the National Educational Institution "KRMU", including the specialty 7R01126 "Urology and Andrology, Adult, children" during the period December 13-15, 2021 "in the following composition:

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

ECAQA Observer- Umarova Makpal Aldibekovna, head of the accreditation and monitoring department of the "Eurasian Center for Accreditation and Quality Assurance in Higher Education and Health care".

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

The EEC report contains an assessment of compliance with the Standards for accreditation of postgraduate education programmes (residency specialties) of medical educational organizations and conclusions (hereinafter referred to as the Accreditation Standards), recommendations of the EEC for further improving the approaches and conditions for the implementation of the above specialty

7R01126 "Urology and andrology for adults, children" and recommendations for the ECAQA Accreditation Council.

2. General part of the final report of the EEC

2.1 Representation of KRMU and educational programme of residency in the specialty 7R01126 "Urology and andrology adults and children".

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

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

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

Over the years of its activity, the university has formed its brand, traditions and values, continuing to follow the course towards international universities, indicated by the country's leadership. Since 2011, the university has been quarterly publishing the journal "Actual Problems of Theoretical and Clinical Medicine".

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

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

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

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

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

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

In 2021, the University was accredited by the "Eurasian Center for Accreditation and Quality Assurance in Higher Education and Health Care» (certificate of international institutional accreditation dated June 17, 2021 IA00039, valid from 06/17/2021 to 06/16/2026)

6 undergraduate educational programmes, 13 residency educational programmes in the Independent Agency for Accreditation and Rating (IAAR) passed specialized accreditation

<http://www.iaar.kz/ru/accreditation-ru/perechen-akkreditovannykh-obrazovatelnykh-programm/respublika-kazakhstan/meditsinskie-organizatsii-obrazovaniya#>

and 2 master's degree programmes <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 at the levels of bachelor's, master's and residency, the objectives of which are: to train competitive specialists who can meet the needs of society in the provision of medical care, to apply and develop advanced innovative technologies in practice and science, to use advances in information and communication technologies, improve the health of the population.

Mission and Vision are available on the official website of the university, which were previously discussed and agreed with stakeholders (faculties, staff, employers) <http://medkrmu.kz/missiya-universiteta/>.

The University has its own organizational structure, approved by the order of the rector (No. 26-02-07-n / κ dated July 16, 2020).

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

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

The National Educational Institution "Kazakhstan-Russian Medical University" implements 35 educational residency programmes. In 2010, there was the first set of residents in the specialty 7R01126 - "Urology and andrology for adults, children."

Currently students in the specialty 7R01126 - "Urology and andrology adults, children" - 30 people (see table below).

	Accepted students, Total	Studying in courses							Total enrolled in all courses
		1	2	3	4	5	6	7	
Residency									
2019-2020 academic year									
Students under the state order	-	-	3	-					3
Students under a household contract	-	1	2	-					3
Total number of students	-	1	5	-					6
2020-2021 academic year									
Students under the state order	-	-	-	3					3
Students under a household contract	2	3	1	2					6
Total number of students		3	1	5					9
TOTAL									30

In accordance with the Order of the Minister of Health of the Republic of Kazakhstan dated May 25, 2021 No. KR DSM - 43 "On approval of the list of medical specialties of residency programmes",

the educational programme 7R01132 - "Urology and andrology, including children's" was renamed to 7R01126 - "Urology and andrology adult, children's".

2.2 Information about previous accreditation

Accreditation of the educational programme of residency in the discipline "Urology and andrology adults, children" was carried out in 2016 by the Independent Agency for Accreditation and Rating (IAAR) <http://www.iaar.kz/ru/accreditation-ru/perechen-akkreditovannykh-obrazovatelnykh-programm/respublika-kazakhstan/meditsinskie-organizatsii-obrazovaniya#>.

2.3 Analysis of the report on self-evaluation of the educational programme of residency in the specialty 7R01126 "Urology and andrology adults, children"

Self-assessment report of educational programme presented on 129 pages and contains 13 appendices. The report is characterized by the completeness of responses to all 9 accreditation standards, structured taking into account the recommendations of the ECAQA Self-Assessment Guidelines, as well as the internal unity of information provided by the accredited specialty 7R01132 - Urology and Andrology, including pediatric. The report is accompanied by a statement signed by the rector prof. N.T.Dzhainakbaeva, confirming the accuracy of the information and data contained in the report.

The report contains information about the representative of the KRMU, responsible for the self-assessment of the educational programme - Bekmagambetova Zh.M., head of strategic development and accreditation.

Self-assessment of the educational programme of residency 7R01126 "Urology and andrology for adults, children" conducted on the basis of Order No. 26-02-50/1-n/k dated July 1, 2021 "On preparation for accreditation and organization of the self-assessment process educational programmes".

The report is written sequentially in accordance with the logic in the description of the standards, the wording for each standard is clear and understandable, the tables contain references in the text and are consecutively numbered. There are links to normative legal acts, model rules, regulations, educational and methodological documents, website pages. The descriptions were made in accordance with the criteria of the ECAQA accreditation standards and the answers to the questions formulated in the Self-Assessment Guidelines were received. All standards provide real practice of KRMU for the preparation of residents in the specialty 7R01126 "Urology and andrology for adults, children", 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 working group for the preparation of the self-assessment report did some work: analyzed the content of the accredited educational programme 7R01126 "Urology and Andrology for Adults, children", the conditions for its implementation, staff, educational resources, collected the necessary information in accordance with the Standards for Accreditation of Postgraduate Education Programmes (specialties residency) medical educational organizations (hereinafter referred to as accreditation standards); a thorough analysis, updating and addition of methodological and educational materials was carried out, their content is reflected in the report. The content of the Self-Assessment Report is structured in accordance with the ECAQA Accreditation Standards and includes a description of the strengths, areas for improvement for each of the 9 standards.

The database of 13 annexes is presented in full, sequentially and there are links to them in the text of the report. The report is provided in Russian, there are a number of technical errors - misprints, in general, the wording for each standard is clear and understandable, the tables contain references in the text and have consecutive numbering.

3. Description of external expert evaluation

External expert work on the evaluation of the residency educational programme 7R01126 "Urology and Andrology for Adults, Children" of the KRMU was organized in accordance with the Guidelines for the External Evaluation of ECAQA Educational Organizations and Educational Programmes (approved by the order of the Director General of the National Institution "Eurasian Center for Accreditation and Quality Assurance in Higher Education and Health care" » No. 5 dated February 17, 2017) and according to the programme and schedule approved by Order No. 32 dated November 23, 2021, Sarsenbayeva S.S., Director General of ECAQA. and agreed with the rector N.T. Dzhainakbaev.

To obtain objective information on the expert evaluation of the accredited educational programme, the EEC members used the following methods: interviews with management and administrative staff, interviews with residents, observation, study of the website, interviews with employees of various structural divisions, teachers, questioning of teachers and residents, review of resources in the context of the implementation of accreditation standards, the study of educational and methodological documents both before the visit to the university and during the visit.

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

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

N o.	FULL NAME.	Position
1.	Kusainova Arman Saylavbekovna	Vice-Rector for Academic Affairs, Chairperson of the Academic Council
2.	Imanbaeva Zhaisan Abilseitovna	Vice-rector for scientific and clinical work
3.	Sovostyanova Tatyana Anatolyevna	Acting vice-rector for educational work
4.	Orakbay Lyazzat Zhadigerovna,	Head of residency department
5.	Kulebaeva Elmira Kuanyshevna	Head of Career Center
6.	Bakirova Bibigul Abdimanapovna	Head of Academic Affairs
7.	Berkutbaeva Oryngul Zhansapovna	Head of the department of planning and control of the educational process
8.	Ligay Zoya Nikolaevna	Chairperson of the Committee for Educational Programmes (postgraduate education, residency)
9.	Iskakova Dana Askarovna	International cooperation in the context of quality assurance of educational programmes
10.	Uysenbayeva Sharbanu Omirgalievna	Head of the educational and methodological department
11.	Veryovkina Vera Ivanovna,	Head of personnel department
12.	Kerimbekova Asel Almasovna,	Department of Distance Educational Technologies
13.	Mokhirev Alexander Anatolievich	Department of Distance Educational Technologies
14.	Seydalin Arystan Oskarovich.	Head of the department of scientific work
15.	Mansharipova Alma Toleuovna	Scientific Secretary
16.	Eleubekov Daniyar Zinatbekovich	Head of Administrative and Economic Service
17.	Valiulina Marzhan Bekarystanovna	Library manager
18.	Aumoldaeva Zaure Maratovna	Head of the Training and Clinical Center
19.	Mukhanov Nurlan Elzhanovich	Senior Lecturer, Department of Urology and Andrology, adult, children
20.	Oshakbaev Erbol Beysenovich	senior lecturer

21.	Tanekeev Ruslan Utenovich	PhD senior lecturer
22.	Dzhambulova Bela Telmanovna	PhD head of the course
23.	Koishybaev Askhat Zhaksylykuly	Resident in the specialty "Urology and andrology for adults, children"
24.	Nurzhan Mustafa	Resident -«»-
25.	Sazanov Batukhan Abilkairuly	Resident -«»-
26.	Smagulov Askar Valikhanovich	Resident -«»-
27.	Absaliev Saken Makhambetovich	Resident -«»-

The sequence of the visit within 3 days is detailed in the Visit Programme, which is in the documentation of the accreditation center and in the Attachment to this report.

The first day of the visit is 13.12.2021.

An interview with the management and key employees of the KRMU made it possible to determine the fulfillment of most of the criteria (in whole or in part) of accreditation standards 2,4,5,6,7,8,9, namely, to identify approaches to developing the mission of the educational programme and its compliance with the strategic goals of the university, the role and place of postgraduate education in the clinical direction in the university's strategy (plan), mechanisms in determining the appropriate specialty residency clinical sites and qualified teachers, guarantees of educational sufficiency. The experts studied the documentation in detail, incl. electronic progress logs "Platonus", working curricula, syllabuses, control and measuring tools, statements.

The experts found that the university strictly complies with the requirements of regulatory legal acts and state educational standards in the implementation of educational programmes, and the management systematically monitors this process (control of the vice-rector for academic work).

A conversation with the head of the residency department, Lyazzat Orakbai, allowed the experts to learn about approaches to attracting clinical site staff to teach residents, the strategy and tactics of recruiting residents for various specialties, information support for postgraduate education, as well as identify problems in the management and development of human resources, since most practitioners do not know how to teach. The issues of the policy of ensuring the quality of postgraduate education, management of educational programmes, methodological and resource support for residency programmes, admission and graduation of residents for 5 years, the system for assessing residents, mentoring, evaluating and analyzing the effectiveness of training programmes, and development prospects were touched upon.

Further, an interview was held with the head of the Career Center, Elmira Kulebaeva, where questions about the "Regulations on the Center", plans, reports, employment monitoring, and feedback were discussed.

Questions clarified by experts in relation to the personnel policy of the university in the context of the educational programme, and data were obtained on a high percentage of graduate teachers (more than 65%) and higher and first medical categories (100%). Teachers regularly undergo advanced training in the specialty of urology and andrology in the country and abroad, as well as teaching methods at the School of Pedagogical Excellence (a structural unit of the university). This year, all teachers were trained on the use of distance technologies in teaching residents and testology.

As part of the visit of EEC members, an assessment of resources for clinical training of residents was carried out. The work of the mobile medical complex (QEP) was evaluated, the potential of the MMC in training residents was studied. As an example, the capabilities of the "Mobile Diagnostic Center" and "Hemodialysis Point" are demonstrated. PMC are characterized by modern equipment, its access for residents, the active participation of the University staff in providing medical care to the population of Kazakhstan and the involvement of students (interns and residents) in this process. PMCs are an excellent platform for developing independence skills and making decisions on issues of diagnosis and treatment. This is also very important for residents in the specialty "Urology and Andrology", as patients with urological diseases often develop kidney failure.

The experts noted that research work is well organized at the university, its own medical journal is published, which, however, is not included in the list of journals of the Committee for Quality Control of Education and Science of the Republic of Kazakhstan, but students can publish their articles in it for free. At the same time, there is no involvement of residents in university research projects, as there is more focus on practical (clinical) training. Most residents are not interested in participating in scientific work, although the educational programme includes training in research methods and the collection of scientific data. Approximately 50% of residents are planning scientific work.

The Scientific and Clinical Council (SCC) of the university is the link between the practical orientation of the residency educational programmes and the scientific component of the training programmes. The experts were familiarized with the position of the SCC, the composition, plan, protocols, reports, the position of the Local Ethics Commission. Thus, all the procedures for planning, approval, monitoring and reporting on scientific work have been worked out in the KRMU, but there is an inactive involvement of residents in R&D.

The resources of the Training and Clinical Center and their integration into the educational programme of the residency were examined: simulation equipment for practicing the skills of catheterization of urological patients, taking biomaterial for research, and performing endoscopic operations on the urinary organs.

The experts studied the materials on the admission of residents and teachers and made conclusions about compliance with the requirements of the regulatory legal acts of the Republic of Kazakhstan.

Interviews with residents, including 4 in the specialty "Urology and andrology for adults, children" included the following issues: participation in the development and evaluation of educational programmes, admission to patients and equipment, participation in university events (including research), taking into account the opinions of residents, supporting residents (consulting, mentoring), providing appropriate documentation, satisfaction with the educational process (methods of assessment, teaching, provision of resources, including library and IT), extracurricular environment for residents. Experts have received convincing data that residents are satisfied with their studies at the university, they have enough time for practical training, patient supervision and work with medical records. Residents are satisfied with the teaching methods and qualifications of teachers, but they want more independence in developing practical skills. In general, residents are satisfied with the assessment methods, but they want more transparency in the current assessment, and also purposefully entered this university, as they believe that the KRMU has excellent clinical facilities and experience in teaching residents, and the cost of education is lower than in other universities. At the same time, residents would like more independent work with patients, especially prompt assistance and more modern literature, and interactive teaching methods when analyzing complex cases. Residents believe that they will receive a good education and will be able to work independently after graduation from the university. Residents showed their commitment to the organization of education, were active in answering questions from external experts, demonstrated their judgment on the organization of education, assessment of their skills, and advisory support.

The experts studied the documents of the residents (portfolio, the results of the assessment of residents-check-lists, the results of the survey of residents)

Second day of the visit 14.12.2021

This day was dedicated to visiting clinical sites for the implementation of residency programmes in the specialty 7R01126 Urology and andrology for adults and children. Visited the Regional Diagnostic Center, located at 57 Auezov Building, Almaty, where the experts conducted a survey of the resources of the accredited educational programme. The analysis of resources showed that the clinical base corresponds to the goals and objectives of the accredited educational programme in terms of the profile of beds, the number of thematic patients, modern equipment and its availability to all students, and the staff of the department ensures collegial and ethical relations with the medical staff,

the management of the clinical base to achieve the final results of the educational programme . There are 3 study rooms at the clinical base, despite the fact that residents spend most of their time at the patient's bedside, in the diagnostic departments, and in the operating block.

Members of the EEC attended a seminar on the topic: "Endoscopic removal of stones from the bladder", residents of the 2nd year of study, teacher Tokpanov A.K. 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 over a certain period.

The experts studied the documentation of the Department of Urology, which confirms compliance with the accreditation standards (nomenclature of affairs of the department, a plan for 5 years, an annual plan for the 2021-2022 academic year and a report for the 2020-2021 academic year, a resident progress log, EMCD, feedback questionnaires with residents, teachers, reports on the results of the survey, analysis and measures taken, control and measuring tools).

Conducted online interviews with the following representatives of practical health care (potential employers of residency graduates):

- 1) Novikov Igor Igorevich, Deputy Director for Medical WorkCGP on REM Almaty Regional Multidisciplinary Clinic”;
- 2) Sarina Akaisha Abdykadyrovna, Deputy Director of the State Enterprise on the REM "Karasai multidisciplinary inter-district hospital”;
- 3) Zhumataeva Zarina Akhmetovna, chief physician of the Medical Center "Rakhat”;
- 4) Imanaliev Dauren ZhumazyevichDirector of Balkhash Central District Hospital p. Bakanas;
- 5) Kusmoldanova Saule Ryspekovna, director of the "Eskelda Central District Hospital”;
- 6) Zhumashev Kanat Kalikanovich, Dr.Director of the "Regional perinatal center" of Taldykurgan
- 7) Sadykova Akmira Makhanbetkalievna, chief physician of the city polyclinic No. 29
- 8) Alimbetova Mayra Serikovna, ssubstitutedirector of "Almaty multidisciplinary clinical hospital”;
- 9) Nurbaev Rolan Mamyrovich, Dr.Director of "Almaty Regional Children's Clinical Hospital”;
- 10) Amirov Daniyar Kulmanovich, Deputy Chief Physician for Medical Work, City Clinical Hospital No. 5;
- 11) Sharipova Aigerim Muratovna, ssubstitutedirector of "Panfilov multidisciplinary inter-district hospital”.

The content of the meeting allowed to consider the following issues: knowledge of the university mission, participation in the development of the mission and proposals for the strategic plan, participation in the work of the advisory bodies of the KRMU, 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 the departments and the university as a whole, the employment of residency graduates, etc., part of the stakeholders in ensuring the quality of training of residents, participation in the activities of the university, incl. in the development of the mission and educational programmes, topics of electives, proposals for improving education, satisfaction with the knowledge and skills of residency graduates.

The interviewees noted that university graduates are ambitious, disciplined, have a sufficient level of theoretical knowledge, but more focused clinical training, the formation of stress resistance and critical thinking are required. Employers are ready for regular feedback on the quality of graduate training and participate in the development of an educational residency programme. At the same time, employers are rarely involved in the discussion and development of strategic documents of the university, including the mission and the mission of the educational programme, employers gave fuzzy information, at the same time they absolutely understand their role in the mission of the university and

the corresponding residency specialty. Some of the future graduates of the educational programme are ready to be hired.

BA meeting was held with the residents' activists, at which the experts received evidence of support for initiatives from the leadership of the university. For example, in just one academic year, the university administration ensured the participation of residents and students in olympiads, conferences and competitions at the republican and international levels, as well as the organization of intra-university sports, educational and patriotic events. According to residents' asset. The management of the university and deans are always ready to listen to students (there are admission hours, the rector's blog, meetings with students) and are open to initiatives from residents, undergraduates and students. The administration supports the volunteer movement of students, in particular, residents and interns participated in the provision of diagnostic assistance and vaccination of the population at mobile medical complexes. However, the involvement of residents in research work at the university is still at the planning stage.

Third day of visit 12/15/2020

A magazine club was visited on the topic: "Working with literary sources in preparation for the implementation of a scientific project", where resident oncologists were speakers, but there were also residents in the specialty "Urology and andrology for adults, children". The event is provided with relevant methodological materials and documentation. The joint work of the mentor and residents is clearly demonstrated.

The involvement of residents in R&D was assessed. There is no general provision or requirements for the implementation of scientific work at the university, at the same time, initiative research is carried out at individual departments, in which residents participate through writing reviews, collecting patient data, analyzing literature and patient examination results, preparing reports and speaking at conferences. Also, in accordance with Article 222 Residency, paragraph 4 of the Code of the Republic of Kazakhstan on the health of the people and the health care system dated July 7, 2020 No. 360-VI ZRK, external experts studied the activities and held conversations with mentors by residents, and it was established that each resident is provided with a mentor.

The EEC members carefully studied and evaluated the main indicators of the accredited educational programme. The information obtained during the study of the self-assessment report, the preparation of a written review with recommendations for improvement, the implementation of the programme of visiting the KRMU was analyzed. All the information received was compared with the data of the self-assessment report, which made it possible to verify the reliability of the previously provided information to the KRMU and supporting documents for compliance with the ECAQA Accreditation Standards.

The main documents were studied: mission, strategic plan, EMCD of disciplines, syllabuses, control and measuring tools, checklists, portfolio of residents, individual plans of residents for the 2021-2022 academic year, rules for admission to residency, personnel policy, internal quality assurance system programme, resources for training were viewed directly at the clinical bases of the departments, which made it possible to identify the compliance of the activities of the educational organization with the basic accreditation standards.

A final discussion of the results of the external evaluation of the educational programme for compliance with accreditation standards was held. The "Profile of quality and criteria for external evaluation of the educational programme 7R01126 "Urology and andrology for adults and children" has been completed.

4. Survey results

For the purpose of objective assessment, a survey of residents and teachers was conducted on the resource <https://webanketa.com/>.

Results of the poll of residents. The survey of residents included 24 questions, allowing to draw conclusions about the attitude of respondents to the organization of the educational process and identify

existing problems.

A total of 177 respondents were surveyed, including 90 residents of the KRMU, of which 42.2% are residents of the 1st year of study, 32.2% - 2 years of study, 25.5% - 3 years of study. They will recommend to study in this educational organization to their acquaintances, friends, relatives - 70.62% fully agree, partially agree - 23.73% are totally disagree with this statement- 2.82%.

74.58% of respondents fully agree, 20.34% partially agree, 2.26% strongly disagree that programme managers and teaching staff are aware of their problems related to training. 72.88% of respondents believe that programme managers and teachers involve students in the work of advisory bodies, and the rest (8.47%) are partially unaware (8.47%) of the respondents.

Satisfied with the conditions and equipment of classrooms, classrooms of the university. Fully (66.1%) are satisfied with the conditions and equipment of the classrooms and auditoriums of the university. partially (25.9%) and completely dissatisfied (3.95%) with the conditions and equipment of the classrooms and auditoriums of the university.

In this educational organization, conditions have been created for students to rest and eat (rest rooms, benches / pavilions on the territory, buffet-dining room) in between classes, they completely agree (68.93%), disagree (8.47%) of the respondents.

Office equipment (computers, laptops, printers) is available for students in classrooms and practice bases, fully agree (69.41%), partially agree (19.21%).

According to 78.53% (fully) and 13.56% (partially) agree that teachers provide students with methodological and didactic materials, additional literature to prepare for classes. 72.32% fully agree with the provision of the necessary educational literature, 14.69% partially agree.

The availability of medical services for the student is fully agreed (71.19), partially (26.38%) of the respondents. Satisfaction with the activities of mentors, curators, supervisors fully agree (81.5%), partially (10.5%). Teachers and employees of the educational organization treat students with respect Agree (91.53%), No Disagree (6.21%) of the respondents. Fully agree (75.71%) and disagree (5.65%) that the organization of education has and implements social programmes to support students. Fully agree (80.71%) and disagree (12.43%) that the educational organization has established a system of self-study for students and residents. Fully satisfied (81.36%) and partially satisfied (16.38%) respondents with the schedule of training sessions in the disciplines of the educational programme. Completely satisfied (81, 36%) and partially satisfied (11.86%) with the methods of assessing their knowledge and skills. 73.45% of respondents believe that teachers in the classroom use active and interactive teaching methods, and 16.38% of respondents partially agree with the above statement. 88.47% of respondents answered that teachers are not late for classes, while 8.47% of respondents sometimes noticed that teachers are late for classes. 74.58% of respondents like to study in this educational organization, while 19.21% of respondents are partially satisfied. 80.23% of respondents answered that they do not notice the negative attitude of teachers, 11.3% of respondents answered that they partially (deservedly) encountered the negative attitude of teachers. that teachers in the classroom use active and interactive teaching methods, and 16.38% of respondents partially agree with the above statement. 88.47% of respondents answered that teachers are not late for classes, while 8.47% of respondents sometimes noticed that teachers are late for classes. 74.58% of respondents like to study in this educational organization, while 19.21% of respondents are partially satisfied. 80.23% of respondents answered that they do not notice the negative attitude of teachers, 11.3% of respondents answered that they partially (deservedly) encountered the negative attitude of teachers. that teachers in the classroom use active and interactive teaching methods, and 16.38% of respondents partially agree with the above statement. 88.47% of respondents answered that teachers are not late for classes, while 8.47% of respondents sometimes noticed that teachers are late for classes. 74.58% of respondents like to study in this educational organization, while 19.21% of respondents are partially satisfied. 80.23% of respondents answered that they do not notice the negative attitude of teachers, 11.3% of respondents answered that they partially (deservedly) encountered the negative attitude of teachers. while 8.47% of respondents sometimes noticed that teachers were late for the start of classes. 74.58% of respondents

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46.89% of the respondents answered that they are currently engaged in research work, 35.03% of respondents are not involved in research activities and 10.73% of respondents plan to start doing research activities.

38.98% of the respondents answered that they have more than one (11.38%) printed works (articles, abstracts, reviews) personally published during their studies at this educational institution, and (18.64%) do not have any one publication, articles, abstracts, reviews.

Conclusions: in their responses, residents generally expressed satisfaction with the university, learning conditions, access to diagnostic and educational equipment, and enough time for practical training. Residents expect that the number of patients for curation will increase every year due to the expansion of the bases of clinical practice, the organization of training with field trips to the regions of the country, and the more active involvement of residents in the work of mobile medical complexes. Residents expressed hope that they would be more actively involved in the implementation of research and learn the rules of publications. The results of the survey showed that there are approximately 10-15% of respondents who are not satisfied with the methods of teaching and assessing their knowledge and skills, are not fully satisfied with the work of mentors and the provision of students with educational and methodological materials.

Results of the survey of teachers of residency programmes.

Questioned 67 Teaching staff with more than 10 years of experience (46.27%), 5-10 years - (13.43%). Completely agree 85.07% with the appropriate organization of the educational programme at this university, 10.45% - partly agree. Ethics and subordination in relations between colleagues, teachers, management are observed - fully agree 80.6%, a 13.43% - partially agree. Completely agree 76.12% of respondents on the issue of labor organization and workplace in the university, and 16.42% - partially.

79.1% of respondents fully agree that there is an opportunity for career growth and development of teaching staff competencies at the university, 13.43% - partially agree.

73.13% of the teaching staff fully agree that this educational organization has the opportunity to engage in scientific work and publish the results of research, 17.91% - partially agree.

50.75% of respondents are satisfied with the salary as an employee involved in the educational process.

58.21% of teachers are involved in the development of methodological materials for the residency programme. The majority of teachers surveyed (74.63%) were trained in professional development courses during this year.

62.69% of respondents believe that the discipline they teach is adequately resourced. The educational organization supports participation in conferences (international, republican). Thus, according to 29.85% of respondents, the university pays for travel, registration fee and travel allowances, according to 2.99% of respondents, only travel is paid. 76.12% of teachers fully agree that students have free access to patients at clinical sites and all conditions for improving their practical skills. Only 44.78% of respondents confirmed that the university implements social support programmes.

68.66% of respondents say that they listen to their opinions on the educational process, research and clinical work.

49.25% of the teachers surveyed use lectures in their practice, 80.6% - oral survey, 41.79% use problem-based learning, 71.64% use work in small groups. 68.66% of respondents-teachers fully agree that this survey is useful for developing recommendations for improving the key areas of the university's activities. According to the survey 23.88% of teachers surveyed were involved in work in internal self-assessment committee

conclusions: the survey showed that the majority of the teachers surveyed are satisfied with the organization of the educational process, observance of ethics and subordination, organization of labor and workplace, opportunities for career growth, the opportunity to engage in scientific work and publish the results of research. However, it is alarming that about a quarter of the respondents express the opinion that there are a number of problems at the university, including the possibility of doing scientific work and publishing research results; on the level of wages; participation in the development of methodological materials; security of the discipline they teach, resources; social support programmes for teachers and taking into account their opinions regarding the educational process, research and clinical work on the part of the university management.

5. Analysis for compliance with accreditation standards based on the results of an external assessment of the educational programme of residency in the specialty 7R01126 "Urology and Andrology adults, children" and an overview of the strengths for each standard.

Standard 1: MISSION AND END OUTCOMES

Evidence of Compliance:

The staff of the department that implements the residency programme adopted the mission of the university as the basis of the mission of the educational programme and goals and informed interested parties (teachers, employers, residents) about it in order to clearly understand the tasks and strive to meet the needs of practical health care. The structure of the educational programme, where there is a dominance of practical training (75%), the sufficiency of clinical facilities and the mentoring system make it possible to strengthen the patient-oriented approach in the implementation of patient care and treatment. The university organized training and clinical practice in compliance with safety for all participants in the educational process (safety, use of PPE, briefing before the start of training).

The department of urology responsible for the residency programme uses a variety of innovations in the learning process to develop basic and special competencies of residents, namely, work at the patient's bedside, clinical reviews, solving situational problems, protecting case histories, training in laboratories.

At the same time, the involvement of residents in the scientific work of the department is insufficient, it is not of a systemic nature.

The experts received convincing evidence that the university is autonomous in making decisions when developing an educational programme in terms of the elective component, current and final assessment policy, including the choice of assessment methods (testing, oral questioning, clinical exam), selection and admission of residents (specialty exam), personnel policy in relation to teachers for an accredited educational programme, as well as the distribution of resources (auditor fund of clinical bases according to agreements).

The EMCD defines the end results of training in accordance with the qualification requirements for the specialty of residency.

At the same time, the participation of practical health care in the development of the mission and goals of the educational programme is not sufficiently reflected, the review is formalized and feedback from practical health care is not collected when forming components of choice.

Strengths:

1. Experience in the preparation of residents since 2010 and ample opportunities for training in postgraduate education.

2. Opportunity to train residents on the basis of leading medical and preventive and research institutions in Almaty. Cooperation with practical health care in the preparation of residents through a mentoring system.

3. A clear vision and strategic planning in postgraduate clinical education and an appropriate management structure.

Conclusions of the EEC according to the criteria: Out of 17 corresponds completely -13, partially 4

Generally, **standard 1** demonstrates conformity.

Recommendations for improvement identified during the external visit:

1) Formulate the mission of the educational programme, taking into account the specifics of training residents and the current needs of practical health care, and regularly inform a wide range of stakeholders about the mission, post it on the university website.

Standard 2: EDUCATIONAL PROGRAMME

Evidence of Compliance:

Accredited Specialty Residency Program 7R01126 "Urology and andrology for adults, children" is implemented in accordance with the State obligatory standards and standard professional training programmes for medical and pharmaceutical specialties dated July 31, 2015 (as amended by the order of the Ministry of Health of the Republic of Kazakhstan dated February 21, 2020 № КР ДСМ-12/2020 Chapter 2. A lot of work has been done to develop educational and methodological materials, organize jobs for residents. A competency model for residents has been introduced in accordance with the qualification requirements for the specialty. The structure, content and duration of the programme are clearly defined. The mechanism for the development, approval of the residency programme is defined and regulated by the CEP.

The staff of the departments has the necessary competencies for training, at the same time, the mentors represented by the staff of clinical sites, despite their professional level, do not fully master pedagogical techniques, which limits the implementation of a high-quality transfer of professional knowledge and skills. The teachers of the departments use a variety of methods of active (business games, brainstorming, clinical reviews, case studies, etc.) and traditional (oral reviews, mini-lectures) training, according to which staff members are periodically trained within the university. The dean's office is trying to monitor this process and train newly hired teachers.

Due to the availability of clinical sites for residents, they spend most of their study time in close contact with patients, medical records, including automated health care systems. Mentors teach residents how to work with the latter. When conducting interviews with residents, the experts made sure that the organization of training and work is focused on patients, at the same time there is not always a sufficient number of thematic patients, time for theoretical analysis of complex topics and the study of literature in modern databases. Clinical training is carried out in the conditions of accredited multidisciplinary clinics and highly specialized scientific centers in Almaty and the region.

In total, according to the accredited educational programme, there are 10 mentors in 8 clinics that operate in accordance with the Regulations on Mentors. No precedents for inequality, lack of ethics or other violations of a gender, cultural and religious nature were identified during the external evaluation process.

During the examination of the educational programme, it was established that the scientific foundations and methodology of medical research, evidence-based medicine are applied, at the same time, residents are not fully involved in the scientific work of the departments, do not have clearly defined research topics, performance criteria, including clinical trials.

Thus, the educational programme of residency in the specialty 7R01126 "Urology and andrology for adults, children" demonstrates the integration between education and health care delivery.

Strengths:

1. An established process of interaction with the employer, which makes it possible to train specialists who are in demand in practice. The diversity of the clinical bases of the Department of Urology enables residents to adapt to the conditions of practical health care and improve their competence.

2. Formation of a catalog of elective disciplines, taking into account the needs of practical health care.

3. Ensuring the safety of the patient (within the framework of legal competence and legally regulated by an agreement with the clinical base and the "Health Code of the Republic of Kazakhstan").

Conclusions of the EEC according to the criteria. Out of 31 standards conform: fully - 29, partially - 2, do not comply - 0.

Standard 2: completed

Recommendations for improvement identified during the external visit: none.

Standard 3: ASSESSMENT OF STUDENTS

Evidence of Compliance:

The assessment of the educational achievements of residents covers the assessment of key competencies, and the assessment tools themselves are developed by the department - control questions, tasks in a test form (MCQ tasks with multiple correct answers), a list of practical skills, situational tasks, clinical situations. Information about the point-rating system of assessment is available on the website of the university. As an additional method for evaluating residents, portfolios are used, which the experts got acquainted with at the departments supervising the residency programmes. Validity, reliability, acceptability and effectiveness of the expected learning outcomes in the portfolio.

During the entire period of study, the resident forms a portfolio that corresponds to the ultimate goals of the EP. The forms of control are determined by the department and approved at the meeting of the CEP. Forms of CRR (presentations, filling and analysis of outpatient cards and patient histories, etc.). Evaluation of seminars, presentations, practical skills is carried out according to checklists developed by the staff of the department. The review of control and measuring instruments is carried out at several levels by the internal department, university and employees of external organizations, associations, employers. The review is considered at a meeting of the department and meetings of the CEP.

The number of exams in each course is regulated by the Model Curriculum, which is an integral part of the State Educational Standard of the Republic of Kazakhstan 2017, 2020. in residency specialties. The results of students' educational achievements are entered into an electronic educational journal through the office-registrar system and the Platonus programme, which generates examination sheets.

Planning, organizing, monitoring and analysis of evaluation methods in the KRMU ensures the reliability and validity of these methods. The development of new control and measuring tools is carried out by teachers through the study of world experience in assessing knowledge in residency, then implemented at the department. However, no examples of test validation were presented to the experts.

Thus, this standard is generally fulfilled at the university.

Strengths:

1. Portfolio assessment allows assessing the resident's competencies (personal, scientific interest, professional competence, communicative, personal qualities).

2. The quality of control and measuring equipment undergoes a multi-stage check.
3. The use of the Platonus electronic system and the registrar's office service contributes to the prevention of a corruption element.

EEC conclusions by criteria. Out of 11 standards conform: completely - 10, partially - 1, do not correspond - 0.

Standard 3: completed

Recommendations for improvement identified during the external visit:

- 1) Improve the procedure for documenting the reliability and validity of assessment methods in relation to established final results.

Standard 4: STUDENTS

Evidence of Compliance:

The residency programme has been implemented since 2010. Currently, in accordance with the State License No. AB0137388 dated June 07, 2010, 42 residency educational programmes are being trained. (in accordance with the order of the Minister of Health of the Republic of Kazakhstan dated May 25, 2021 No. ҚР DSM-43 "On approval of the list of medical specialties of residency programmes").

Admission to residency specialty **7R01126 - "Urology and andrology adults, children"** is carried out in accordance with the order of the Minister of Education and Science of the Republic of Kazakhstan dated October 31, 2018 No. 600 "On approval of the Model rules for admission to study in educational organizations that implement educational programmes of higher and postgraduate education", with the order of the Minister of Health of the Republic of Kazakhstan dated December 15, 2020 No. ҚР ДСМ-270/2020 "On approval of the rules for placing a state order, admission for education and training of medical personnel in residency", State Educational Standards and the Rules for admission to the residency of the National Educational Institution "Kazakhstan-Russian Medical University" for the current academic year, residency programmes suggest a clinical focus of education and in-depth specialized training inspecialty7R01126 - "Urology and andrology for adults, children."

The conditions for the admission of residents are described in detail in the "Rules for admission to residency" for the corresponding academic year, based on regulatory legal acts.

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

Applications for residency are accepted from July 3 to July 25. Entrance examinations for residency are held from 8 to 16 August, enrollment - until 28 August. Residency classes begin on September 01. Admission of citizens to residency is carried out on a competitive basis based on the results of entrance examinations. Applicants to residency take an entrance exam in their specialty. When applying for residency, the personal achievements of the applicant, the results of research work, etc. are also taken into account.

Duration of mastering the educational programme of residency in the specialty 7R01126 - "Urology and andrology for adults, children" is 3 years.

Educational activities at the university are carried out in accordance with the Constitution of the Republic of Kazakhstan, with the Law of the Republic of Kazakhstan dated July 27, 2007 No. 319 "On Education", the State Programme for the Development of Education of the Republic of Kazakhstan for 2011-2020 and the State Programme for the Development of Health care of the Republic of Kazakhstan for 2020-2025 years, by-laws of the Ministry of Education and Science of the Republic of Kazakhstan and the Ministry of Health of the Republic of Kazakhstan, as well as in accordance with ISO 9001:2015.

Currently students in the specialty 7R01126 - "Urology and andrology adults, children" - 30 people.

Resident urologists participate in all events held at clinical sites: "Open Days" - charitable events for the population of adjacent areas of the city, organizing training for nurses, organizing and conducting events for scientific and information exchange in the form of conferences (Association of Urologists of the Republic of Kazakhstan, Society urologists of Almaty and Almaty region - all residents are present), seminars, symposiums, forums and other forms aimed at the exchange of experience, scientific and practical information, strengthening mutually beneficial ties, participate in the implementation of joint scientific and research projects.

Strengths:

1. The different policy of admission and support of students throughout the entire period of study, provided with sufficient resources (regulatory framework, personnel, material and technical and financial support).

Conclusions of the EEC according to the criteria. Out of 30 standards conform: fully - 28, partially - 2, do not comply - 0.

Standard 4: completed.

Recommendations for improvement identified during the external visit:

1) Include representatives from among the residents in the process of developing a policy for the admission and selection of residents.

Standard 5: FACULTY

Evidence of Compliance:

The University has developed and successfully operates the Personnel Policy, which reflects: the selection and admission of employees, the development and activities of employees, the promotion of employees, etc.

The university pays great attention to the selection and recruitment of qualified personnel, as well as their training. The selection and recruitment of employees is carried out in accordance with the established requirements, taking into account basic and vocational education, as well as practical work experience, individual abilities, professional knowledge and other indicators. Analysis of the quantitative and qualitative composition of the teaching staff, monitoring and evaluation of teaching activities are the objects of constant attention from the leadership of the University.

The structure of departments has been approved at the University. Order dated August 26, 2020 No. 26-02-14-n / κ "On making changes to the organizational structure of the departments of the KRMU.

The total number of faculty members is formed based on the average ratio of students and teachers - 6:1; undergraduates and teachers - 6:1; residents and teachers - 3:1.

The selection of candidates for positions is carried out solely on the basis of competitiveness and merit, ensuring equal access of candidates to occupy the relevant positions, taking into account qualifications, professional indicators, and experience.

Competitive selection is carried out on the basis of the current Regulations on the competitive replacement of positions of faculty and researchers, approved by order of the rector No. 26-02-44-n / κ dated November 27, 2020.

The university has developed regulations on departments, job descriptions with the contents of which are familiar to all employees. Control over the performance of official duties of the teaching staff is carried out by the heads of departments, deans of faculties.

Strengths:

1. High qualification of the teaching staff of the departments.
2. degree, the presence of the highest qualification medical category, a large medical and pedagogical work experience of the teaching staff.
3. Development of employees, support for their training, ensuring their further professional

development.

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

Standard 5: *completed*

Recommendations for improvement identified during the external visit:

- 1) Strengthen the work on training mentors in pedagogical skills.
- 2) Develop objective criteria for evaluation and motivation that characterize the activities of teaching staff and clinical mentors.

Standard 6: EDUCATIONAL RESOURCES

Evidence of Compliance:

The administration of the KRMU allocates the necessary funds that are spent on: capital and current repairs, technical equipment for educational, scientific and information activities, the purchase of furniture and educational equipment, maintenance of engineering communications and networks of buildings and structures and registration of buildings and structures.

In accordance with the allocated funds, furniture is updated in the KRMU, hard and soft inventory, computer and office equipment, stationery, dummies, phantoms, laboratory and medical equipment, consumables, etc. are purchased. The material and technical base of the university laboratories is constantly being improved, modern equipment, reagents, teaching aids are being purchased. The list of material and technical base of departments and modules mainly includes office equipment such as computers, scanners, fax machines, video cameras, printers, copiers, multifunctional devices, etc. The university has 2 academic buildings with a total area of 12,706.4 m², a gym, 1 hostel for 200 people. For the implementation of the EP residency in the specialty "Urology and Andrology for Adults, Children" the University has a significant material and technical base for the educational process. Equipped with all the necessary equipment, visual aids, educational material in electronic form, with methodological developments for each discipline, and innovative technologies for interactive teaching methods. This allows you to ensure that the educational process is carried out in accordance with the standards of education.

There is also an office of "information and communication technologies", which consists of 3 study rooms. All classrooms are equipped with the necessary equipment. Each office is designed for 12 seats. The classroom is designed to teach the disciplines of information and communication technology. The classrooms are equipped with printers and 38 computers. The computers have Attachment programmes installed such as: The entire package of Microsoft Office, Microsoft FrontPage XP, Macromedia Flash, Hyper Cam, Adobe Photoshop CS2, Windows Movie Maker, Camtasia, Cisco packet tracer, Iren - test programme, Electronic textbooks. Residents can visit the office to prepare presentations, creative projects, reports as part of extracurricular activities.

The test center has 122 computers for midterm and final control of knowledge. Testing is carried out according to the test licensed programme "Examiner". In the "Test Editor" programme, tests are typed, which are later used in the "Examiner" programme. Tests are displayed in Kazakh, Russian and English. The "Analyzer" programme is designed to view the results of tests that were passed by the examiners in the "Examiner" programme. In the premises of the Test Center, control over the observance of order and discipline of students is carried out in accordance with the academic integrity of the university (12 video surveillance cameras). Repair of office equipment, maintenance of the local network, introduction, updating of the anti-virus programme for the university are being carried out.

As part of the implementation of programmes on innovative technologies in 2009. a Mobile Medical Complex (QEP) was formed to examine and provide free medical care to socially vulnerable groups of the population, to identify socially significant diseases (tuberculosis, oncology, cardiology).

The research work of residents is included in the educational process and is carried out after school hours in the form of SIW and RIWT. The staff of the department is actively engaged in scientific work. For example, andrology, diseases of the reproductive sphere, premature ejaculation and erectile

dysfunction are dealt with by senior lecturer Tanekeev R.U. The issues of diagnosis and treatment of overactive bladder are dealt with by the head. course of urology Dzhambulova B.T. Problems of Attachment of new technologies in urology (endourology, laparoscopy) are handled by prof. Tokpanov. Residents participating in research work use the equipment, devices and tools of educational and scientific laboratories, departments and other departments of the university free of charge. Residents independently conduct a literature review.

Strengths:

1. Direct joint activities of residency students with employees of the clinical base in all areas of activity, incl. at all stages of medical care

EEC conclusions by criteria. Out of 21 standards conform: completely - 18, partially - 3, do not correspond - 0

Standard 6: completed

Recommendations for improvement identified during the external visit:

- 1) Ensure integration and balance between resident training and research.
- 2) Provide appropriate time in the programme for the preparation of residents for scientific research.
- 3) Develop research in medical education programmes.

Standard 7: PROGRAMME EVALUATION

Evidence of Compliance:

Monitoring and evaluation of the educational programme (EP) is carried out at all levels, a multi-level approach is used, including the main / graduating and related departments, the residency department, the profile CEP of postgraduate education, the OAR, the Academic Council, the Academic Council, the Career Center (general monitoring of the quality of educational programmes through stakeholder survey (employers, professional associations and students).

Recruitment of residents in the specialty 7R01126 - "Urology and andrology for adults, children" was held for the first time in 2010, the first release of residents was in 2013.

Independent monitoring of data on the implementation and achievement of the final learning outcomes (LO) is carried out by the National Center for Independent Examinations (NCIE) and through a survey of employers.

The assessment of the residency educational programme includes the following types of work:

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

The University is constantly improving the programme evaluation procedure at the level of departments involved in the educational process, including all aspects (context, resources, performance indicators, customer satisfaction, etc.) and a wider range of stakeholders. Thus, at the level of departments, analytical work is carried out with the aim of evaluating the programme in the form of a subsequent annual report of the departments. Improving the programme evaluation procedure at the level of the university, residency department, departments / courses is carried out through a discussion of the context of the programme and special disciplines at the meetings of the CEP, Vice-Rector for Scientific and Clinical Activities, followed by a discussion of all members of the Academic Council of the University. The evaluation of the educational programme in the context of the educational process is carried out based on the results of annual reports, audits, certification of structural divisions and departments. A separate section of the annual report of the structural unit reflects the work carried out during the academic year to improve the material and technical base, clinical bases, material equipment of the department, including TCO, office equipment, book supply.

Strengths:

1. Multi-level monitoring of the EP with the involvement of interested parties.

EEC conclusions by criteria. Out of 15 standards conform: fully -10, partially - 5, do not meet - 0

Standard 7: completed

Recommendations for improvement identified during the external visit:

1) Establish a mechanism for strengthening feedback with residents.

Standard 8: GOVERNANCE AND ADMINISTRATION

Evidence of Compliance:

In accordance with the Law of the Republic of Kazakhstan "On Education" and other regulatory legal acts regulating the activities of medical higher educational institutions, the University has developed and approved documents that define the terms of reference and powers of the university in relation to the residency educational programme, including obligations to ensure the educational process in full with all the necessary information sources: textbooks, teaching aids, teaching aids and developments in academic disciplines, active handouts and instructions for independent work, electronic textbooks, access to online educational resources.

The coordination of the implementation, control and monitoring of the implementation of residency programmes in all licensed specialties is carried out by the residency department under the supervision of the Vice-Rector for Clinical Activities.

The system for monitoring the quality of education at the university consists of an assessment of:

- management of the educational programme (level of teaching staff, organization of the educational process, regular assessment of the level of achievement of the goals of the programme, demand for graduates);
- implementation of the educational programme (curriculum, standard programmes of disciplines, methodological and information support, infrastructure, educational technologies, research and development);
- results of the educational programme (intermediate certification, final certification).

The residency educational programme is implemented in accordance with the regulations approved by the Ministry of Health of the Republic of Kazakhstan and the Government of the Republic of Kazakhstan, as well as the internal rules for organizing the educational process in the residency.

Strengths:

1. A quality management system has been introduced for each type of university activity.

Conclusions of the EEC according to the criteria. Out of 15 standards conform: fully -15, partially - 0, does not correspond - 0.

Standard 8 completed.

Standard 9: CONTINUOUS RENEWAL

Evidence of Compliance:

At the university, based on the analysis of reforms in the field of education and health care of the Republic of Kazakhstan, changes in the practice of world educational management, if necessary, the organizational structure of management is reviewed. Over the years, new structural units were created and added, such as the Center for Youth Policy, the Institute of Postgraduate Education, the teacher's school, the quality management system department, etc., the functional tasks of which are aimed at ensuring the quality of educational programmes.

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

upcoming improvement tasks. All other collegiate bodies carry out the analysis in the format of annual reports at the last meeting.

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

An example of the process of continuous improvement, approaches to the implementation of the programme in the specialty 7R01126 - "Urology and Andrology for Adults, children", is the active participation of stakeholders (primarily representatives of employers) in the formation of an educational strategy that reflects the social responsibility of the university for the development of advanced innovative technologies in medical practice and science, using the achievements of information and communication technologies, as well as strengthening the health of the population.

Strengths:

1. Continuous improvement of postgraduate education.

EEC conclusions by criteria. Out of 4 standards conform: fully -4, partially - 0, do not meet - 0.

Standard 9:completed

Recommendations for improvement identified during the external visit: no

Thus, all 9 accreditation standards were met, no discrepancies in the fulfillment of the criteria for each of the basic accreditation standards were found in the process of analyzing the self-assessment report and conducting an examination as part of the tasks of the external expert evaluation programme.

6. Recommendations for improving the educational programme of residency in the specialty 7R01126 "Urology and andrology adults, children:

Standard 1: MISSION AND END OUTCOMES

- 1) Formulate the mission of the educational programme, taking into account the specifics of training residents and the current needs of practical health care, and regularly inform a wide range of stakeholders about the mission, post it on the university website.

Standard 3: ASSESSMENT OF STUDENTS

- 2) Improve the procedure for documenting the reliability and validity of assessment methods in relation to established final results.

Standard 4: STUDENTS

- 3) Include representatives from among the residents in the process of developing a policy for the admission and selection of residents.

Standard 5: FACULTY

- 4) Strengthen the work on training mentors in pedagogical skills.
- 5) Develop objective criteria for evaluation and motivation that characterize the activities of teaching staff and clinical mentors.

Standard 6: EDUCATIONAL RESOURCES

- 6) Ensure integration and balance between resident training and research.
- 7) Provide appropriate time in the programme for the preparation of residents for scientific research.
- 8) Develop research in medical education programmes.

Standard 7: PROGRAMME EVALUATION

9) Establish a mechanism for strengthening feedback with residents.

7. Recommendation to the ECAQA Accreditation Council

The members of the EEC came to the unanimous opinion to recommend to the Accreditation Council to accredit the educational residency programme in the specialty 7R01126 "Urology and Andrology, Adult, children" for a period of 5 years.

	Full name
Chairperson	ZHANALINA BAKHYT SEKERBEKOVNA
foreign expert	URIASIEV OLEG MIKHAILOVICH
foreign expert	KHASANOV AKHDAM IBRAGIMOVICH
National academic expert	ISPOSUNOVA GULNARA AKHMETKAZYEVNA
Expert representative of employers	MUSABAYEVA ASEM MURATOVNA
Expert Representative of Residents	ZIA AZIMKHAN NURZHANULY
ECAQA Observer	Umarova Makpal Aldibekovna

**Quality profile and external evaluation criteria (generalization)
Of educational programme in the specialty of residency
7R01126 "Urology and andrology adults, children"**

Standard	Criteria for evaluation Number of standards	Grade		
		Totally coincides	Partially Compliant	Does not match
1.	MISSION AND END OUTCOMES 17	13	4	
2.	EDUCATIONAL PROGRAMME 31	29	2	
3.	ASSESSMENT OF STUDENTS 11	9	2	
4.	STUDENTS 30	28	2	
5.	FACULTY 7	6	1	
6.	EDUCATIONAL RESOURCES 21	18	3	
7.	PROGRAMME EVALUATION 15	10	5	
8.	GOVERNANCE AND ADMINISTRATION 15	15	0	
9.	CONTINUOUS RENEWL 4	4	0	
	Total: 151	132	19	
			151	

List of documents requested by EEC members as part of accreditation

No.	Document names
1.	Educational programme (rus.kaz)
2.	EP reviews
3.	List of residents and their curators
4.	Training bases
5.	syllabuses
6.	SOP, SOUD, Checklists
7.	Qualification characteristics of employees
8.	Regulations on mentoring
9.	Map of methodological support
10.	Certificates of teaching staff in pedagogy
11.	Control and measuring means
12.	Test tasks of the current control
13.	Test tasks of midterm control
14.	Final control test tasks
15.	Interim Assessment Tests
16.	List of mentors
17.	Report on self-assessment of the residency programme
18.	Individual teacher plan
19.	Regulations on the department, job descriptions
20.	Calendar-thematic plan and schedule
21.	Questionnaires for residents (2 years of study)

The list of additionally requested documents for review and deeper study by EEC members:

1. Schedule of cathedral meetings for 2020-2021 and 2021-2022 academic year;
2. Minutes of the cathedral meetings of the 2020-2021 and 2021-2022 academic year;
3. Evaluation sheets of resident doctors;
4. Portfolio of resident doctors;
5. List of scientific works of the teaching staff of the department;
6. List of scientific works of resident doctors;
7. Contracts with clinical bases;
8. Educational programmes;
9. Review of test tasks;
10. The list of control questions of midterm control