

To Accreditation Council
Of Eurasian Center
For Accreditation and Quality Assurance
In Higher Education and Health Care
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**REPORT
OF THE EXTERNAL EXPERT COMMISSION
ON THE RESULTS OF THE INSTITUTIONAL ASSESSMENT
OF JSC " B.U. DZHARBUSYNOV SCIENTIFIC CENTER OF UROLOGY"
FOR COMPLIANCE WITH THE STANDARDS OF INSTITUTIONAL
ACCREDITATION IN MEDICAL ORGANIZATIONS OF POSTGRADUATE
EDUCATION (RESIDENTURY)**

external expert evaluation period: February 03-05, 2022

Almaty city, 2022

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LIST OF SYMBOLS AND ABBREVIATIONS

Abbreviation	Designation
CACU	Central Asian Congress of Urologists
ECTS	European Credit Transfer and Accumulation System
KAUA	Kazakhstan Association of Urologists and Andrologists
JSC SCU	Joint-Stock Company "Scientific Center of Urology named after. Academician B.U. Dzharbusynov
EEC	External Expert Commission
SCES	State compulsory educational standard
ECAQA	Eurasian Center for Accreditation and Quality Assurance in Higher Education and Health Care
MoH RK	Ministry of Health of the Republic of Kazakhstan
MES RK	Ministry of Education and Science of the Republic of Kazakhstan
NJSC	Non-profit joint stock company
IQAA	Independent Kazakh Agency for Quality Assurance in Higher Education
EP	Educational programme
PGE	Postgraduate education
AC	Academic Council

1. Composition of the External Expert Commission

In accordance with ECAQA Order No. 01 dated January 19, 2022, an External Expert Commission (hereinafter referred to as EEC) was formed to conduct institutional accreditation of JSC "Scientific Center of Urology named after Academician B.U.”:

No . p / p	Status in the EEC	Full name	Regalia, position, place of work / place of study, course, specialty
1	Chairperson	Turgunov Yermek Meiramovich	Doctor of Medical Sciences, Professor of the Department of Surgical Diseases of NJSC "Medical University of Karaganda", member of the International Society of Surgeons (International Surgery Society), member of the Association of Independent Experts Astana" and "Union of Independent Experts of KSMU"
2	foreign expert	Khakimkhodzhaev Zufar Shavkatovich	Candidate of Medical Sciences, Associate Professor of the Urology and andrology Department of the Kyrgyz State Medical Academy named after I.K. Akhunbaev, Chairperson of the Society "Men's Health" in Kyrgyzstan, Full member of the European Association of Urologists, Member of the International Society of Endourologists, Member of Association of Andrologists of Turkic Speaking Countries, Society of Urologists and Andrologists of Kyrgyzstan.
3	Kazakh academic expert	Ulanbek Zhanbyrbekuly	MD, Candidate of Medical Sciences, Associate Professor, Head of the Department of Urology and Andrology JSC "Astana Medical University"
4	Employers' representative	Amirov Ghani Kondybayuly	Head of the Department of Urology of the SPE on REM "Emergency Hospital of Almaty city»
5	Resident Representative	Rakhyshev Diaz Aueskhanuly	Resident of the 1st year of study at the Department of Urology NJSC "Asfendiyarov Kazakh National Medical university"

ECAQA Observer - Umarova Makpal Aldibekovna, Head of Accreditation and Monitoring Department

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 JSC "Scientific Center of Urology named after Academician B.U. Dzharbusynov" for compliance with the Standards for Institutional Accreditation of Medical Organizations of Postgraduate Education (hereinafter referred to as the Accreditation Standards), recommendations of the EEC for further improvement of the activities of the above-mentioned organization and recommendations for the ECAQA Accreditation Council.

2. General part of the final report

2.1 Representation of JSC "Scientific Center of Urology named after Academician B.U. Dzharbusynov"

Organization name, legal form of ownership, BIN	Joint Stock Company "Scientific Center of Urology named after Academician B.U. Dzharbusynov" BIN 990240008165
Full name of the first head	Amanov Anuar Tursunzhanovich
date of creation	06/11/2018
Location and contact details	Kazakhstan, Almaty, st. Basenova, 2. tel.+7 727 222 15 15 Email: urology@SCU.kz ; Website: www.SCU.kz
Information about branches, subsidiaries (if any)	No
The total number of educational residency programmes, separately for additional and non-formal education (if any)	1- "Urology and andrology for adults, children"
Total number of trained residents over 5 years	36
Total number of trainees trained since 5 years	63
Number of residents by specialties in the current academic year	11 people in the specialty "Urology and andrology for adults, children"
Full-time teachers/ part-time workers	6

JSC "Scientific Center of Urology named after Academician B.U. Dzharbusynov" is the receiver of the Research Institute of Urology of the Ministry of Health of the Kazakh SSR and has been operating since 1990, being the flagship of the urological service of the Republic of Kazakhstan. The training of urologists, andrologists for practical Health care is carried out through residency on the basis of a license for educational activities No. 0137471 dated 09/27/2010 and certificates of institutional and specialized accreditation in the specialty "Urology and andrology for adults, including children." The training of residents at SCU JSC is carried out in accordance with the State License of the Committee for Control in the Sphere of Education and Science of the Republic of Kazakhstan dated September 27, 2010 No. 0137471 under the state educational order for engaging in educational activities in the specialty "Urology and Andrology, including children's ".

Over the past 5 years, 36 urologists - andrologists have been trained on the basis of the joint-stock company (SCU) within the framework of residency, 63 urologists have undergone advanced training.

Currently residency in the specialty "7R 09126 "Urology and andrology for adults, children" there are 11 students, 6 students entered the 1st year, 1 and 3 residents in the 3rd year of study in the 2nd year of study, 1 resident for academic mobility from Kyrgyzstan for 1 year of study.

The quality of education and demand for residency graduates is determined by the high level of their employment (100%).

JSC (SCU) employs 34 doctors, including 6 doctors of science, 3 professors, 3 candidates of science, 1 master of medicine, which is 76.5% of the staff of teachers.

The main staff of the teaching staff is 6 teachers, all have a degree, 3 - the title of professor, the average age is 56.5 years.

JSC (SCU) has: Reception and advisory department (day hospital - 7 beds); physiotherapy department. Department: anesthesiology and resuscitation for 10 beds; radiation diagnostics (ultrasound, X-ray, MSCT); clinical and laboratory diagnostics; outpatient hemodialysis – 7 beds.

Urodynamics room, operating room (1 general, 1 children's, 3 endourological and 1 laparoscopic), CSO, pharmacy;

The bed fund is: Round-the-clock hospital for 150 beds, 120 of which are budgeted, 30 are self-supporting. There are 14 replacement beds in the hospital, 7 of them are day hospitals and 7 hemodialysis, the diagrams show the indicators of the clinical activity of the JSC (SCU), only for 9 months they indicate vigorous activity.

An information and communication network has been developed: a server network, video surveillance has been installed - 53 cameras, an IT mini PBX with servicing 80 internal numbers and a multi-channel number (8 (727) - 222-15-15). Identification and tracking the movement of employees of the Center.

The general fund of the library has 23,851 copies, of which 7,134 are specialized literature: these are books, dissertations, abstracts - 168, periodicals, access to electronic information resources is provided. Conference hall, for 240 seats, 500 m², small conference hall, for 25 seats, 30 m², Endoschool simulation room - 18 m², clinical laboratory diagnostics department - 356 m², locker room - 36 m².

The educational process uses 1 interactive system, 6 modern computers with Internet access, Endoschool simulation room equipped with modern endo- and laparoscopic units.

JSC (SCU) has agreements on long-term bilateral cooperation with the Republican State Enterprise on the REM "Kazakh National University. al-Farabi, SPE "City Clinical Hospital No. 4" on the REM of the Health Department of Almaty SPE on the REM "City Clinical Hospital No. 7", the Department of Health of Almaty SPE on the REM "Almaty Cancer Center".

Chairperson of the Board Amanov A.T. was the scientific supervisor of the thesis of Dr. Mohammad Hashim Kamran, on the topic: "Urinary tract infection in patients with benign prostatic hyperplasia admitted for prostatectomy" for the degree of Master of Medicine and Health Care "7M10104 - Urology", July 2021.

The main task of training residents in the specialty "7R 09126 "Urology and Andrology for Adults, Children" is the formation of professional competence in the field of various uroandropathology.

The main task of advanced training of urologists, andrologists is to improve theoretical knowledge and master practical skills in certain sections of urology based on the achievements of modern science, medical technology and pharmacy.

JSC "Scientific Center of Urology named after. Academician B.U. Dzharbusynov" in November 2018 held the Interdisciplinary Forum "Actual Aspects of Reproductive Health". The impetus for the creation of an interdisciplinary forum was the need to coordinate research, reproductive and gynecology, the use of assisted reproductive technologies in men, genetic aspects and new things in the laboratory diagnosis of male infertility, where it was decided to hold the I Central Asian Congress of Urologists (CACU) in 2019.

In October 2019, the First Central Asian Congress of Urology (CACU) was held. This event was held with the support and participation of representatives of the International Society of Urology (SIU), the Russian Society of Urology (ROU), the Iranian Association of Urologists (IUA), the Turkish Association of Urologists (TUA).

The CACU Congress is represented by the CACU Scientific Committee from the following countries: Austria, Sweden, the Netherlands, the USA, Germany. Organizing Committee of CACU represented by representatives of the countries: Central Asia, Russia, Turkey, Afghanistan, Iran.

According to the decision of the international scientific committee, the first organizer of the Central Asian Congress of Urology (CACU) is JSC "Scientific Center of Urology named after. B.U.Dzharbusynov". The holding of the Congress is due to the need to coordinate research, scientific diagnostic, pedagogical and educational work, as well as training and exchange of experience among specialists of the uroandropathological service of the Republic of Kazakhstan.

The Kazakhstan Association of Urologists and Andrologists (KAUA) has been established.

The main task of KAUA, along with CACU, is the coordination of research, educational and educational work, the exchange of experience, master classes, seminars of specialists from Central Asia, Europe and Russia in the field of urology in an open format.

During the work of CACU on 24.10.2019 a memorandum was signed with representatives of 18 organizations on cooperation in the field of science and education.

SCU employees were awarded for their excellent work (4 orders, 27 medals, 26 badges, 19 diplomas and 33 letters of thanks).

SCU JSC carries out consultative and diagnostic, research activities and postgraduate education in accordance with the requirements of ST RK 9001-2009 (ISO 9001:2008) "Quality Management System. Requirements" KZ7500207.07.03.00273 dated 04.07.2017 – 04.01.2020 and re-accreditation ISO 9001:2015 No: KZ298-QC, certificate validity period 02/22/2019 - 02/22/2022 TQCS International Pty Ltd.

2.2 Information about previous accreditation

JSC "SCU" was accredited for compliance of the activities of the health care entity with the accreditation standards in the field of Health care of the Republic of Kazakhstan (Certificate of accreditation No. KZ71VEG00008411 dated 12/14/2018).

Re-accredited (accreditation certificate No. KZ91VEG00011737 dated 11/16/2021).

In 2017, he passed the institutional ([Certificate IA#00011March 27, 2017](#)) and specialized ([Certificate SA#0012 dated March 27, 2017](#)) accreditation in IQAA, accredited by the Ministry of Education and Science of the Republic of Kazakhstan as a subject of scientific and scientific and technical activities ([Series MK No. 005401 dated August 15, 2017](#)).

The organization is accredited for compliance with the standards of postgraduate education for the first time.

2.3 Conclusion on the results of the assessment of the self-assessment report of JSC "Scientific Center of Urology named after Academician B.U. Dzharbusynov" for compliance with the Standards for Institutional Accreditation of Postgraduate Medical Organizations

Report on institutional self-assessment of JSC "Scientific Center of Urology named after academician B.U. Dzharbusynov" (hereinafter referred to as the report) is presented on 90 pages of main text, appendices on 18 pages.

The report is characterized by the completeness of answers to all 9 main accreditation standards and criteria, structuredness taking into account the recommendations of the Guidelines for conducting institutional self-assessment provided to the organization by the accreditation center - ECAQA, as well as the internal unity of information. Accompanying the report is a letter signed by the head - Chairperson of the Board, Doctor of Medical Sciences Amanov Anuar Tursunzhanovich, which confirms the accuracy of the quantitative information and information included in the self-assessment report.

The report contains a list of 9 members of the internal self-assessment commission indicating the responsibility of each employee, information about the representative of the organization responsible for the institutional self-assessment:

1. Zhanteliyeva L.A. - Deputy Chairperson of the Board for Science and Postgraduate Education
2. Kozhpmzharov A.S. - Deputy Chairperson of the Board for Clinical Activities
3. Arystanov M.B. - head economist
4. Izetova G.K. - chief accountant
5. Makazhanov M.A. – Doctor of Medical Sciences, Prof., PhD in Andrology
6. Kusymzhanov S.M. – MD, prof. h/d Reconstructive plastic and pediatric urology
7. Malikh M.A. – d.m.s. Prof., PhD in Urolithiasis and Endourology
8. Omarov E.S. – Doctor of Medical Sciences, Doctor of the Department of Urolithiasis and Endourology
9. Trumov A. - IT engineer

Institutional self-assessment JSC "Scientific Center of Urology named after Academician B.U. Dzharbusynov" carried out on the basis of the order of the head dated August 01, 2021 No. 98-p "On approval of the composition of the working group for self-assessment and preparation for institutional accreditation of JSC "Scientific Center of Urology named after Academician B.U. Dzharbusynov".

The report was reviewed by the accreditation expert: Turgunov E.M., who noted the strengths and areas for improvement, as well as recommendations for additions and changes, including the following:

Standards	Recommendations of the reviewer(s)
1	The mission statement of the EP can be improved by combining it with the mission focus in 1.1.1. in order to bring the mission of the EP closer to the educational end results. Clause 1.1.4 - it is desirable to supplement with a reference to a document characterizing the requirements in the internal labor schedule of activities in the clinical and academic divisions of the SCU.
2	In paragraph 2.1.3. should indicate how the qualification obtained as a result of mastering the residency programme corresponds to the Framework for Qualifications in the European Higher Education Area (ESG 1.2).
3	In paragraph 3.1.9. it is desirable to specify the type of educational journal - electronic, integrated into the electronic document management system or on paper.
4	In paragraph 4.5.3. should be more specific about how responsibility is determined and all interested parties (teachers, residents, practical Health care workers, patients) are informed about the participation and conditions for the provision of medical services by students of clinical PGE programmes.
5	
6	In p. 6.7.1 it is desirable to specify the number of residents and the place of their training under the academic mobility programme.
7	
8	In paragraph 8.1.3, it is recommended to be more specific about how the SCU holds responsibility for quality assurance and quality improvement programmes for postgraduate education.
9	

Thus, in the process of feedback from the representative of the educational organization, the experts received answers to the questions that arose, and the report on institutional self-assessment made appropriate changes and additions based on the recommendations of the reviewers. The report is submitted to ECAQA in a finalized form, with data adjusted according to the above recommendations, written in competent language, the wording for each standard is clear and understandable and described in accordance with the criteria of the standards, tables and figures are referenced in the text and are consecutively numbered.

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

3. Description of external expert evaluation

The external expert work within the framework of the institutional evaluation of JSC "Scientific Center of Urology named after Academician B.U. Dzharbusynov" was organized in accordance with the Guidelines for the External Evaluation of ECAQA Educational Organizations and Educational Programmes (approved by the order of the Director General of the "Eurasian Center for Accreditation and Quality Assurance in Higher Education and Health Care" No. 5 dated February 17, 2017) and according to the programme approved by the Director General of ECAQA Sarsenbayeva S.S. and agreed

with the Chairperson of the Board of JSC "SCU named after. B.U.Dzharbusynov " Amanov A.T. Dates of the visit to the organization: February 03-05, 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 the accreditation standards.

The sequence of the visit within 2-x days is presented in detail in the Visit Programme (hereinafter referred to as the programme), which is located in the documentation of the accreditation center and in Attachment 3 to this report. The programme is proof of the implementation of all planned activities within the framework of an external expert evaluation.

Participation of a foreign expert - Khakimkhodzhaev Zufar Shavkatovich, Kyrgyzstan

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

- interviews with management and administrative staff - a total of 11 people;
- interviews with residents - 9 people, including foreign ones -1 (Kyrgyzstan);
- website exploration - www.SCU.kz;
- interviewing 11 employees, 6 teachers;
- questioning of teachers and residents - 6 and 14, respectively;
- monitoring the training of residents: attendance at the morning medical conference with reports from residents on duty and upcoming operations, 2 practical exercises:
Development of practical skills in the simulation room "Endochool" Professor Kusymzhanov S.M. "Intracorporeal sutures in laparoscopic operations", residents of 1 and 2 years of study;
Development of practical skills (assistance) in the endourological operating room MD, prof. Malikh M.A., residents of 3 years of study.
- review of resources in the context of fulfilling accreditation standards: 1 base of clinical engagement was visited - a subdivision of JSC "Scientific Center of Urology named after Academician B.U. Dzharbusynov, where training is provided on 1 educational residency programme with the participation of 6 full-time teachers and 6 part-time teachers;
- study of educational and methodological documents in the amount of 33 units. both before the visit to the organization and during the visit to the departments (the list of documents examined is in Attachment 2).

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

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

N o.	FULL NAME.	Position
1	Amanov A.T.	MD Chairperson of the Board
2	Zhanteliyeva L.A.	deputy Chairperson of the Board for Science and Postgraduate Education
3	Kozhamzharov A.S.	deputy Chairperson of the Board for Clinical Activities
4	Makazhanov M.A.	Doctor of Medical Sciences, Prof., PhD Andrology
5	Kabdoldin K.N.	Candidate of Medical Sciences, Doctor of the Department Reconstructive plastic and pediatric urology
6	Omarov E.S.	Doctor of Medical Sciences, Physician of the Department of Urolithiasis and Endourology
7	Malikh M.A.	MD Prof., PhD in Urolithiasis and Endourology
8	Aidarkulov B.B.	h/d ICU
9	Yesenzhanova S.Zh.	h/d department of physiotherapy
10	Zharylgapov M.M.	hemodialysis doctor
11	Kulmamirova A.A.	h/d department of clinical and laboratory diagnostics
12	Esirkegenova A.U.	s/m. operating block
13	Izetova G.K.	Chief Accountant

14	Arystanov M.B.	Deputy Chairperson of the Board for Strategic, Financial and Economic Issues
15	Karyagdieva Z.T.	human resources department inspector
16	Abdullaeva K.B.	librarian
17	Ermukhanbetova K.A.	statistician
18	Ramazanov M.E.	Chief Physician, 7th City Clinical Hospital, Almaty
19	Medeubekov U.Sh.	ch. doctor of the Central City Clinical Hospital of Almaty
20	Surauzhinov D.A.	The first head of the SPE on REM Zhambyl Central District Hospital
21	Matkarimov A.Zh.	ch. doctor of NRCS named after Syzganov, Almaty
22	Kusainov A.Z.	the chief physician of the SPE on REM "Children's Emergency Medical Care Center" Almaty
23	Razinova T.A.	Deputy ch. doctor for the medical part of the SCE on REM City floor No. 5 of Almaty
24	Ayupov Akmal Zhumadullaui	1st year resident
25	Akhmetov Dilmurat	1st year resident
26	Zikiria Yernur Abayuly	1st year resident
27	Zhamantaev Bagdaulet Seitkalievich	1st year resident
28	Koshkimbaev Batyr Bakytzhanuly	1st year resident
29	Mukataev Ersinbeg Torebekuly	1st year resident
30	Tursunov Zhakhanger Seifullaevich	1st year resident
31	Khaitbaev Kamaliddin Abdullaui	1st year resident
32	Zhusip Mirislam Aitoreuly	Resident 2 course
33	Akhmadniyazov Irsammat Mirzakhanovich	3rd year resident
34	Ziya Azimkhan Nurzhanuly	3rd year resident
35	Kasimov Aziz	3rd year resident (Bishkek) Akadem. mob.
36	Billal Gaziz Danyaruli	residency graduate
37	Zhapbasbaev Zhasulan Baizhanlyly	residency graduate
38	Zhanibekov Nursutan Serikuly	residency graduate
39	Abdimazhit alimzhan Myktybayuly	residency graduate
40	Bekbosynov Eldar Naimanbaylyly	residency graduate
41	Bekmurat Kainar Kenzhebaiuli	residency graduate
42	Ermukhanov Damir Amankosovich	residency graduate

Thus, when implementing the programme activities, namely, based on the results of an interview with the first head of the organization, members of the advisory and advisory body, in interviews with residents / students and teachers, compliance with the criteria of standard 1 was established. All participants in the educational process know the mission of the organization, took part in the formation of proposals for formulating the mission, while the mission was brought to the attention of potential residents through the website, social networks in medical organizations. Reviewed the organization's strategic plan for a period of 5 years, including such areas as clinical, educational and research activities, which confirms fulfillment of the accreditation standard and demonstrates the goals, objectives and prospects of the organization. From an interview with 9 residents It has been established that before the start of classes, teachers inform about the mission, work plans of the educational organization, they say where to get the necessary information about the educational programme, teachers, training facilities, and the opportunity to draw up an individual training schedule. This indicates compliance with **standard 2** in terms of adapting training to the needs and wishes of individual residents and students of CPD programmes.

The documents of the organization contain a work programme, a syllabus, where the goal is defined, the integration of practical and theoretical components, and independent work are taken into

account. Compliance with standard requirements has been established. Attending a practical lesson on practicing practical skills in the simulation room "Endochool" (teacher - Professor Kusymzhanov S.M.) on the topic "Intracorporeal sutures during laparoscopic operations", residents of the 1st and 2nd years of study participated, total hours - 3, experts have received convincing evidence that training is carried out according to plan, before the start of the lesson, residents answer tests, receive feedback from the teacher, have the opportunity to improve their skills in basic minimally invasive methods of surgical treatment of urological pathology. The organization ensures compliance with ethical aspects in the implementation of educational programmes, as the experts studied the Regulations on the Ethical Council (01/05/2021), the Residents' Code of Honor, the Faculty and Employees' Code of Honor (07/03/2021) and during the interview, the residents answered that they were aware of the content of this document.

When attending a practical lesson on the topic: "A consistency in the endourological operating room" (teacher - d.m.s., prof. Malikh M.A., residents of 3 years of study participated, 3 hours) and talking with the residents present, the experts saw that the organization contributes to the development of practical competencies of Health care professionals. At the same time, residents deepen their theoretical knowledge and develop communication skills.

An analysis of educational activities showed that the scientific basis and all the achievements of science in advising disciplines were taken into account, additions were made to the bibliography, and teachers apply them in the classroom.

The study of control and measuring tools (100 tests with response standards, 30 situational clinical tasks, 20 checklists, 20 exam tickets) showed that the organization has implemented an appropriate assessment policy that allows for a comprehensive assessment of the educational achievements of residents. During the interview, the residents spoke about the forms of assessment, such as checklists, tests and tasks, exam tickets, and that they were satisfied with everything. They also receive regular feedback from teachers. The system of appealing the results of the assessment is reflected in the syllabus and the regulations on the intermediate and final certification, and there were no precedents for the filing of an appeal by residents during the period of the educational organization. Thus, compliance with standard 3 is established.

During visits to the organization and during interviews with deputy Chairperson of the Board for Science and Postgraduate Education Zhanteliyeva L.A., the commission was convinced that there is a documentation system that is transparent and accessible to all faculty and staff, and includes such documents as the organization's strategic development plan, annual operating plans, annual reports, departmental regulations, contracts with faculty and residents, educational and methodological documentation (work programme, working curricula, syllabuses, magazines), evaluation tools (checklists, statements), certificates. A review of the website showed that its pages contain the documents necessary for residents: a syllabus, samples of tests, tasks, tickets, recommended literature, a schedule of practical classes, a rotation schedule for residents in the divisions of SCU JSC, and there is information about upcoming events in the organization, which is updated regularly. This information was obtained from an interview with Zhanteliyeva L.A. In addition, Zhanteliyeva L.A. an overview presentation about JSC "SCU" was presented, the achievements of the organization as a whole, problems and prospects for development in the educational direction were shown, including measures for the development of residency programmes in the strategic plan, statistics on the recruitment of students in dynamics over the years, including for residency programmes for past years. This interview and study of the documentation allowed the experts to validate the data of the report according to the standard 5, 7.

Conversation with the Chairperson of the Board, MD. Amanov A.T. included such issues as the participation of all stakeholders in the residency training process, the complexity and prospects for the development of the educational and scientific process at SCU JSC and allowed experts to learn about approaches of attracting clinical staff for teaching (there are 6 such teachers in total), about strategies and tactics for recruiting residents and students, information support for additional and non-formal education, as well as identifying problems in the management and development of human resources. The vision and key measures for the implementation of the development strategy, the integration of

clinical, scientific and educational activities were announced, the experts also reviewed the strategic plan for 5 years, some financial documents, the annual plan for 2021 and reports for 2020,

During pvisiting the departments of the clinical base, where experts conducted a survey of resources, their compliance with training programmes, accessibility for teachers and residents, how modern this equipment is and meets the needs of students and practical Health care. The experts obtained evidence of the implementation of standard 6, as well as validation of the information in the self-assessment report.

Interview with 6 teachers, including 6 full-time ones, showed that there are both successes and problems in the management of education, depending on the specific base (admission of students to the equipment, a sufficient number of thematic patients, time to maintain medical records, independent work).The experts received answers about the teacher training programme, the financing of this training, and whether teachers have certification in teaching methods.

On the same day, the experts studied the materials on the admission of residents and the selection of teachers and found compliance with standard 4.

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 the trainees. The experts asked questions about satisfaction with the training, the sufficiency of time for practical training, patient supervision and work with medical records, as well as satisfaction with teaching methods and the qualifications of teachers. 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).

Conclusions: in general, residents are satisfied with the training, assessment methods, and purposefully entered SCU JSC, as they believe that this organization has an excellent clinical base and training experience, at the same time, residents would like more modern literature and interactive teaching methods when dealing with difficult 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 judgments on the organization of education, assessment of their skills, advisory support, the opportunity to participate in research, funding, etc.).

Interviews with 6 employers conducted online and included such questions as: satisfaction with the competencies of urologists-andrologists acquired in residency in medical organizations, the participation of employers in the discussion of educational programmes, the degree of familiarity with the mission of SCU JSC and the mission of the educational programme for residency in the specialty " Urology and Andrology for adults, children" showed that practical Health care organizations where residency graduates work on the basis of the SCU are generally satisfied with the level of theoretical and practical training of employees, also confirmed their participation in the discussion of the educational programme "Adult Urology and Andrology, including for children", the members of the EEC received confirmation that the missions of the SCU and the EP were aware of the employees of practical Health care organizations.

A review of the resources showed that they correspond to the goals and objectives of educational activities, for example, the clinical departments of JSC "SCU" were visited: (Reception and advisory (h/d, doctor of the highest category Baymaganbetov Zh.K.), Urolithiasis and endourology (h/d, MD, prof. Malikh M.A.), Somatics and pediatric urology (h/d, doctor of the first category Kozhamzharov A.S.); Reconstructive-plastic and pediatric urology (d.m.s., prof. Kusymzhanov S.M.), Andrology (d.m.s., prof. Makazhanov M.A.), Anesthesiology and resuscitation (h/d, doctor of the highest category Aidarkulov B.B.), Clinical and laboratory diagnostics (h/d Kulmamirova A.A.), Physiotherapy (h/d, doctor of the highest category Yesenzhanova S. Zh.), hemodialysis (nephrologist Zharylgapov Maksat Muratovich), Paid urology (h/d Slyamkulov D.T.), operating unit (s/m. Esirkegenova Akmaral Urazgalikyzy), office of urodynamics, radiation diagnostics (X-ray, ultrasound), office of computed tomography (s/o, Muravyov A.A.), lithotripsy room, academic divisions were also visited - a simulation room (Nurzhan R.M.), a department of postgraduate education, a museum of B.U. Dzharbusynova (Doctor of Medical Sciences Zhantelieva L.A.),library (bibrarian - Abdullaeva Karlygash Bakhytovna).

Employees of the educational organization provide collegial and ethical relations with the medical staff, the management of the clinical base to achieve the final results of the residents.

On the last day of the visit to the organization, a meeting of the members of the EEC was held following the results of the external evaluation. A final discussion of the results of the external evaluation, the study of documents, the results of interviews, interviews, and questionnaires was held. EEC members have begun drafting the final report of the EEC. Generalizations of the results of the external evaluation are made. The experts individually filled out the "Quality Profile and External Evaluation Criteria of JSC "SCU". No comments were made by the EEC members. Recommendations for improvement for the organization of education and chairperson Turgunov E.M. were discussed. A final open vote was held on recommendations for the ECAQA Accreditation Council for an accreditation period of 5 years.

Comfortable conditions were created for the work of the EEC, access to all necessary information and material resources was organized. The Commission notes the high level of corporate culture of JSC "Scientific Center of Urology named after Academician B.U. Dzharbusynov", a high degree of openness of the team in providing information to members of the EEC.

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

Conclusion:

Within the framework of the visit and external assessment of JSC "SCU" for compliance with the standards of institutional accreditation of organizations of additional education, members of the EEC studied and evaluated the main indicators of the organization's activities. The information obtained during visits to the divisions of JSC "SCU" was analyzed, during meetings with the management, employees of divisions, studying the documentation, when questioning residents and teachers, compared with the data of the self-assessment report, which made it possible to verify the reliability and validation of the information provided.

Thus, the external evaluation and the visit of the EEC members made it possible to verify and validate the data of the report on the institutional self-assessment of SCU JSC in full in accordance with the Regulations on the External Expert Commission, the Guidelines for the External Evaluation of the ECAQA Medical Education Organization.

The clinical base where residents are trained is the country's largest research center with specialized departments of urology and andrology, highly qualified staff, which allows creating conditions for high quality education of residents in the educational programme 7R09126 Urology and andrology for adults and children.

4. The results of the survey.

An ECAQA observer conducted an online survey on the resource on February 04-05, 2022 <https://webanketa.com/>.

Survey of residents includes 24 questions.

Total answered 14 people (all residents for the current year). Residents of the 1st course prevailed - 64.3%. According to the results of the questionnaires, the subjective opinions of the listeners participating in the survey were interpreted.

Absolutely all students studying at JSC "SCU" emphasized (100%) that this educational organization allows acquiring the necessary knowledge and skills in the chosen specialty, 78.6% of respondents declared their full readiness to recommend JSC "SCU" as additional education organizations, 21.4% partially agree to do so.

78.6% strongly and 21.4% partially agree that educators and programme managers are aware of student problems related to learning, which indicates a high level of trust and interaction in the organization. 92.9% of respondents noted that they constantly involve students in the work of advisory bodies (methodological council, academic council, committees of educational programmes), constantly after the end of classes, teachers conduct feedback with students, which confirms the implementation of standard 2.

Fully satisfied with the organization of teaching (the amount of time for practical training, the location of the seminars, the topics of the seminars) and the methods of assessing knowledge - 100% of respondents, 92.9% of residents are completely satisfied with the schedule of training sessions, the same number noted access to equipment (training and real), in order to master practical skills in the specialty, while being fully satisfied with the conditions and equipment of the classrooms, classrooms of this educational organization - 85.7%; library fund - 64.3%; fully provided with the necessary educational literature, methodological and didactic materials, additional literature - 85.7%; the same number of respondents noted that teachers in the classroom regularly use active and interactive teaching methods, the majority of residents 78.6% indicated that

As for the clinical component in the training of residents, 92.9% of residents rate the organization of clinical training as "excellent", they consider the number of patients to be supervised or assisted in operations sufficient, the same number of respondents consider the curator and clinical mentor of SCU JSC as an example for themselves as a professional doctor, and a person in general, which confirms the high image and authority of employees, which undoubtedly reflects the quality of educational services,

92.9% of residents are involved in the implementation of research under the guidance of their teacher or mentor, of which half are actively engaged in scientific work, the same number are at the planning stage.

100% of listeners agree that it is necessary to accredit educational organizations or educational programmes, while the most important external expert assessment tool that allows drawing conclusions about the quality of educational programmes, the respondents consider: an interview with teaching staff (50%) and an interview with management (35.7%).

Thus, the vast majority of students are satisfied with the residency on the basis of SCU JSC and believe that they will be able to fully acquire the necessary competencies for further work in their specialty. The audience assessed the image and authority of SCU JSC as an organization providing quality educational services.

The survey of teachers included 23 questions of the questionnaire. In total, 6 people answered (total in the state 6), while teaching experience up to 5 years - 0%, up to 10 years - 16.7%, over 10 years - 83.3%.

First of all, the lecturers shared their opinions on the organizational climate within the SCU JSC. 100% of respondents agree that the organization fully respects ethics and subordination in relations between colleagues, teachers and management, and absolutely all teachers are completely satisfied with the organization of labor and workplace, the opportunity for career growth and the development of teacher competencies, the opportunity to realize themselves as a professional by profession, the opportunity to engage in scientific work and publish the results of research. 83.3% indicated that the heads of the organization systematically listen to the opinion of the teaching staff regarding issues of the educational process, research, clinical work.

Absolutely all teachers are sure that the organization has enough equipment and resources to conduct training for residents under accredited programmes, students have free access to patients at clinical sites and all conditions for improving their practical skills, and 100% of the teaching staff are satisfied with the work of the postgraduate education department, 83.3% of teachers are satisfied with the organization of the educational process in this educational institution.

As regards the learning process of trainees, the most popular teaching methods were identified (Figure 1).

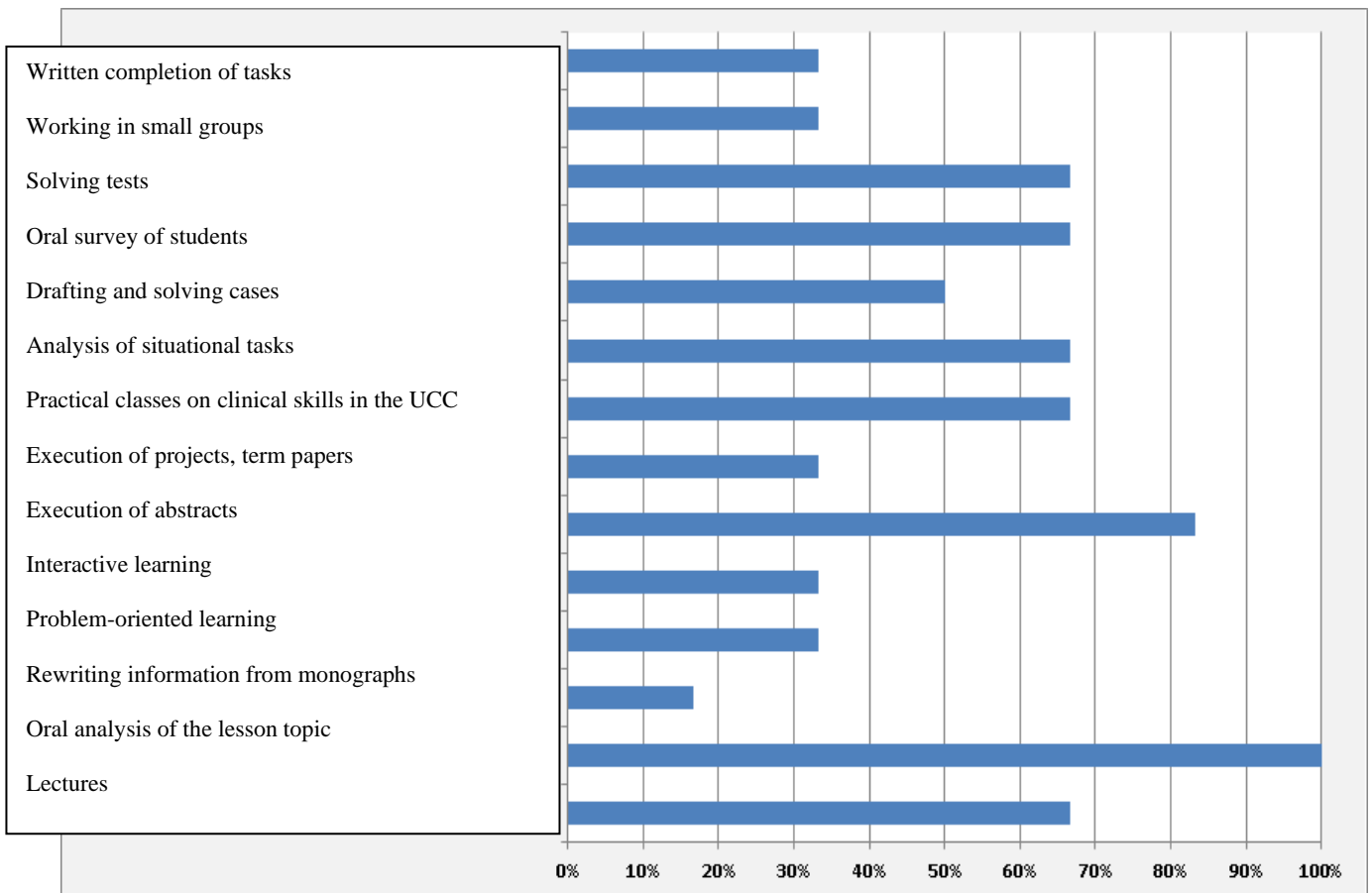


Figure 1. Results of a survey of teachers regarding the methods used to teach students.

As shown in the diagram, the type of activity most frequently used by teachers is the oral discussion of the topic and the implementation of abstracts. Also often used are practical exercises in the simulation center, lectures, analysis of situational problems, preparation and solution of tests. Less commonly used are interactive learning, problem-based learning, small group learning, written assignments, projects, and coursework.

During classes, it is very important for teachers to have, first of all, cases (100%), educational journals, control and measuring tools, syllabuses and teaching materials (Figure 2).

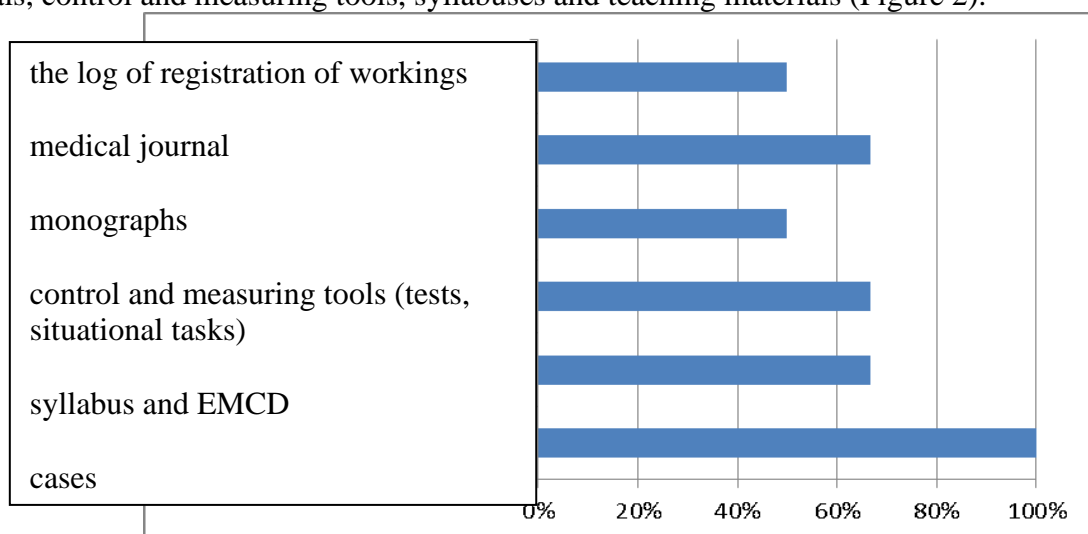


Figure 2. Results of a survey of teachers regarding the teaching and learning materials used

83.3% of all teaching staff participate in the development of methodological materials for the residency programme, half of the teachers conduct seminars once a week, 33.3% - 1-2 times a month,

the rest 16.4% - daily. With the help of the questionnaire, the level of training of students before the start of residency was assessed, which either fully - 50%, or partially - 50% satisfies the teaching staff.

However, problem areas have also been identified. Only 50% of teaching staff are satisfied with the salary as an employee involved in the educational process in residency; the organization supported participation in conferences (international, republican) with payment of all expenses only 50% of the teaching staff. 16.7% of teaching staff studied at professional development courses more than 5 years ago; only 33.3% of teaching staff know about the social support programme for teachers. In these areas, the administration of JSC "SCU" should strengthen its work.

All teachers (100%) who participated in the survey fully agree that this survey is useful for developing recommendations for improving the key areas of activity of SCU JSC, and accreditation of educational programmes is an important and effective mechanism for ensuring the quality of postgraduate education.

Thus, the questioning of teachers showed a good level of microclimate in the team, the activities of the administration in the direction of improving and improving the working conditions of the teaching staff, a sufficient level of resources and an excellent organization of the training process for residents at SCU JSC.

5. Analysis for compliance with accreditation standards based on the results of an external assessment of JSC "Scientific Center of Urology named after Academician B.U. Dzharbusynov"

Standard 1: MISSION AND END OUTCOMES

Evidence of Compliance:

The mission of the educational programme of the JSC (SCU) was first formulated in 2015, revised in 2021 and was updated and approved by the Decision of the Scientist (minutes No. 4 of 07/03/2021), information about the mission through the organization's website was confirmed. The mission is defined taking into account the analysis of the needs of practical Health care in specialists. Training under PGE programmes is carried out at the largest multi-level, technically equipped clinical base of the republic, with a strong staff, which contributes to the fulfillment of the set mission, while guarantees are defined for students on study and working conditions to support their own health. JSC "SCU" in its work, takes into account the needs of practical Health care, the Mission is formulated taking into account the opinions of all stakeholders: teaching staff, students, graduates, residents and employers. The organization assists residents in becoming active participants in tackling the social determinants of health through participation in Health Schools, charity events, and work in infectious diseases hospitals during the COVID-19 pandemic.

JSC "SCU" undertakes to provide healthy and safe conditions for the training of residents. According to the submitted documents, the average duration of daily work is 8 academic hours. When working at the clinical base, all types of responsibility for causing harm to the life and / or health of students in the course of any type of activity on the territory of the clinic are fully assigned to JSC SCU. Before starting work, residents must be instructed and sign a safety familiarization sheet.

The list of practical skills presented in the EP, their number and level of fulfillment of competencies corresponds to those recommended by the State Educational Standard 2020. The EP provides for the formation of knowledge and practical skills to provide specialized care for various uroandrological pathologies at all levels of urological care. At the same time, curation of patients is carried out under the supervision of a mentor, and duty under the supervision of a doctor on duty.

At the clinical base, on the first day of work, the student gets acquainted with the Resident's Code of Honor, with the rules of conduct in the team of the medical institution. Compliance with the norms of the Code is under the control of the curator and mentors of the resident.

Conclusions of the EEC according to the criteria. Out of 16 standards conform: completely - 16, partially - 0, do not correspond - 0.

Standard 1: completed

Standard 2: EDUCATIONAL PROGRAMMES

Evidence of Compliance:

The developed model of the competence of residents, prescribed in the EP (2018), revised and approved at the meeting of the SC (minutes No. 4 of 07/03/2021) provides for the end results of training residents - ensuring the training of qualified, competitive personnel that meets modern requirements for the quality of medical specialists for independent work in the specialty "Urology and andrology for adults and children." Residents and teachers are informed about the necessary competencies that both students and teachers acquire.

The required qualification obtained by residency graduates is confirmed by a certificate of completion of residency in accordance with the Order of the Minister of Education and Science of the Republic of Kazakhstan dated January 28, 2015 No. 39. The capabilities of the clinical and academic base allow for the effective implementation of active learning methods; learning through research, to implement a student-centered approach to learning based on the analysis of feedback between mentors, curators and residents. The participation of residents in scientific research is represented by participation in conferences, congresses, publications in medical journals. Representatives of practical Health care and the contingent of students participate in the preparation and review of educational programmes.

Teaching and learning methods correspond to the content and end results of training, promote active learning and personal participation of residents in the provision of medical care.

Syllabus describes the content of the discipline, the rights and obligations of the student, the requirements for the behavior of the resident. The duties of curators and mentors are defined, who in their daily work give recommendations on further improving professional skills, mastering the norms of medical ethics and deontology, raising the general educational and cultural level of residents, and involving them in the public life of SCU JSC.

Individualization of learning is reflected through the educational trajectory by choosing elective disciplines from the presented catalog.

The training programme for residents provides for the implementation of various forms of educational and research work, taking into account the personal interests of students, which is reflected in the individual plans of residents and portfolios.

However, in paragraph 2.1.3. self-assessment report does not provide enough detail on how to the qualification obtained as a result of mastering the residency programme corresponds to the Framework for Qualifications in the European Higher Education Area (ESG 1.2).

Conclusions of the EEC according to the criteria. Out of 23 standards conform: completely - 22, partially - 1, do not correspond - 0.

Standard 2: completed

Recommendations for improvement identified during the external visit:

1) More actively involve residents in the implementation of scientific projects with results in the form of publications and speeches at conferences

Standard 3: ASSESSMENT OF STUDENTS

Evidence of Compliance:

The developed policy and methods for assessing residents are considered and approved at a meeting of the PGE department and are reflected in the Academic Policy for the 2020-2021 academic year (minutes dated September 16, 2020) and the Educational Programme (minutes dated September 16, 2020)

The reports of residents presented in individual plans consist of data on daily work with patients, on duty, participation in seminars and conferences; information about achievements during the period of study in residency, if any (awards, certificates, conference programmes, abstracts of publications, videos, letters of thanks, patient reviews, etc.), daily independent work, including the search and analysis of innovative technologies in uroandrology, the study and translation of scientific articles.

The system for monitoring the educational achievements of residents at SCU JSC includes: current and midterm monitoring of academic performance, intermediate and final state certification. The assessment of practical skills is carried out according to checklists developed by PGE employees.

However, in paragraph 3.1.9. it is not specified specifically what type of educational journal - electronic, integrated into the electronic document management system or on paper. In the course of studying the documentation, it was found that all educational journals are in paper form and are not integrated into electronic document management.

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

Standard 4: STUDENTS

Evidence of Compliance:

According to the submitted documents of the selection committee, at SCU JSC, annually by order of the Chairperson of the Board, a commission is created for accepting documents for residency, consulting applicants for residency. To conduct exams, an examination committee is formed, which includes the most experienced, qualified teachers with a degree. The composition of the examination committee is approved by the order of the Chairperson of the Board. The number of students is determined based on the capabilities of the clinical base, as well as the needs of practical Health care. Admission to residency with an indication of the specialty is announced through the media, by posting an announcement on the website of JSC "SCU". Assessment of knowledge based on a point-rating system, taking into account all forms of activity - scientific, educational, etc.

In 2020-2021, the share of graduates who arrived at the place of employment was 100%, which characterizes this clinical and academic base on the positive side.

In order to ensure the transparency of the examination procedure, a video recording of the examination is carried out. Enrollment of citizens in the residency is carried out on a competitive basis, which is held separately among persons applying for targeted places. Normative documents of the rules for admission to residency do not restrict the rights of low-income families and national minorities. Persons with disabilities have not been trained in JSC (SCU) over the past 5 years.

If they have a specialist certificate, residents of the 2nd and 3rd years of study are allowed to conduct independent medical activities in public and private medical institutions during extracurricular time with the consent of the curator and head of the PGE.

In 2019-2020 and 2020-2021 academic year due to the COVID-19 pandemic, the educational process was partially transferred to the online format (theoretical part).

Conclusions of the EEC according to the criteria. Out of 28 standards conform: fully - 25, partially - 3, do not comply - 0

Standard 4: completed

Recommendations for improvement identified during the external visit:

- 1) Develop mechanisms to motivate and stimulate residents to support their learning at the Center
- 2) To carry out the digitalization of the process of assessing the achievements and monitoring the activities of residents.
- 3) When evaluating scientific projects and written exams, use an anti-plagiarism programme

Standard 5: FACULTY

Evidence of Compliance:

JSC "SCU" has a sufficient number of teachers in accordance with the mission for the successful implementation of the educational programme for residency. Requirements for teaching staff providing training in residency complies with the Charter of the Human Resources Management Programme of SCU JSC (Order No. 47-c dated September 12, 2019).

All 6 full-time teachers have completed advanced training in their specialty and pedagogical competencies over the past 5 years. The number of teachers with academic degrees is 76.5%.

Clinical mentors involved in teaching residents in the specialty 7R09126 "Urology and Andrology for Adults, Pediatrics" from practical Health care are subject to the relevant requirements: basic education, medical qualification category or academic degree and sufficient work experience in the specialty. The mentors are mainly the heads of clinical departments of SCU JSC.

The commission found that curators and clinical mentors are not allocated in the staff list of SCU JSC and receive a pedagogical allowance, it is more expedient to provide pedagogical rates in the staff list. There is also no approved list of clinical mentors. Only curators from among the residency teachers pass the improvement of pedagogical qualification.

Conclusions of the EEC according to the criteria. Out of 7 standards conform: fully - 5, partially - 2, do not correspond - 0.

Standard 5: completed

Recommendations for improvement identified during the external visit:

1) In the Center's staffing table, provide for the position of curator and clinical mentor with the distribution of appropriate rates among employees involved in the training of residents, in accordance with the number of planned and completed training hours.

2) Approve the list of clinical mentors that meet the requirements of the "Regulations on clinical mentors"

3) Develop and approve a long-term programme for the development of pedagogical skills of teachers and support them on a regular basis. Organize training of clinical mentors in pedagogy and psychology

Standard 6: EDUCATIONAL RESOURCES

Evidence of Compliance:

The material, technical and social base, SCU JSC occupies a total area of 8839.6 sq.m and includes: lecture halls, training rooms, a library, a computer room, a simulation room, information technology tools, clinical (outpatient, diagnostic, inpatient, laboratory) departments of the Center. Useful training area is 5.2 sq.m. for 1 resident. The equipment of the clinical units ensures the quality of practical training and the skills of residents to provide specialized and highly specialized inpatient and outpatient care.

Rotation and work in various structural clinical units allows residents to increase their knowledge in the diagnosis, management and treatment of various diseases of the genitourinary system, learn collegiality, and develop communication skills with colleagues, patients and their relatives. The number of patients and ongoing diagnostic and treatment methods, manipulations and operations is sufficient for the daily participation of all residents studying at this clinical base.

Of particular note is the Endoschool simulation room equipped with modern equipment - 18 m² for training practical skills in minimally invasive technologies.

The total fund of the library is 23,851 copies.

Organized electronic access system inside the buildings of the Center.

The educational portal is being updated and modernized.

JSC "SCU" conducts an internal audit on an ongoing basis, a commission works to verify the activities of clinical departments, the results of which are discussed at the Academic Council.

Scientific conferences are held annually, at which residents report the results of their scientific research. The best works are marked with diplomas and prizes. Residents are involved in the implementation of research work, medical research conducted within the framework of "Men's Health".

At the same time, EEC experts found that there are areas for improvement:

In p. 6.7.1 of the self-assessment report, it is desirable to specify the number of residents and the place of their training under the academic mobility programme.

The system of academic mobility, the exchange of residents and teaching staff with other universities, research institutes, scientific centers both within the country and abroad, is underdeveloped.

Low publication activity, mainly in the form of abstracts and articles in national publications, the share of publications in international publications, including those included in the Scopus Web of Science database, is minimal.

There is no direct access for teachers and residents to international electronic databases.

Conclusions of the EEC according to the criteria. Out of 20 standards conform: fully - 15, partially - 5, do not comply - 0

Standard 6: completed

Recommendations for improvement identified during the external visit:

- 1) Organize training for residents of the Center at alternative bases through cooperation with republican and foreign universities, research centers.
- 2) Provide funding for scientific research of teachers in order to increase the level of publication activity.
- 3) Provide wide access for teachers and residents to international electronic databases.
- 4) Stimulate the development of the interest of teachers and residents in conducting research.

Standard 7: PROGRAMME EVALUATION

Evidence of Compliance:

EP for residents in the specialty 7R09126 "Urology and andrology for adults, children" was monitored at several levels: reviewing (external and internal review), the EP received feedback from the employer, the EP was revised and approved at a meeting of the Department of PGE and RS JSC "SCU" (protocol No. 4 of 07/003/2021). SCU JSC has a system of control over the content of the educational programme. According to the results of the annual survey of residents, the level of competence of the teacher is 100% - high. 94.7% of the graduates who have passed the survey are completely satisfied with the educational process. The results of a survey of employers on the quality of training of SCU graduates for 2020: 83% of respondents rated the quality of training as high, 17% as average. Not a single employer rated the quality of training as "poor".

Conclusions of the EEC according to the criteria. Out of 13 standards conform: completely - 12, partially - 1, do not correspond - 0

Standard 7: completed

Recommendations for improvement identified during the external visit:

- 1) increase the level of use of information and communication technologies in the educational process with integration into the electronic document management system

Standard 8: GOVERNANCE AND ADMINISTRATION

Evidence of Compliance:

The management of the educational programme of the SCU residency is guided by the submitted documents "Academic Policy", Regulations on the Residency, Regulations on the organization of the educational process, Regulations on mentoring. Coordination, control and monitoring of the implementation of the educational programme of residency in the specialty "Urology and Andrology for Adults, Children" is carried out by the Department of PGE. All the documentation necessary for the educational process is available, and it is also presented on the portal for teachers and residents.

The stable financial condition of the SCU is confirmed by the data of the accounting report.

Evaluation of the EP is carried out at two levels: internal and external. Internal: Department of PGE, Scientific Council of the SCU. External - the Ministry of Health of the Republic of Kazakhstan and the Ministry of Education and Science of the Republic of Kazakhstan, employers.

The EEC identified that there are areas for improvement:

In paragraph 8.1.3 of the self-assessment report, it is recommended to be more specific about how the SCU holds responsibility for quality assurance and quality improvement programmes for postgraduate education.

The use of information and communication technologies in the educational process is not effective enough (electronic document management, expanding access to large electronic resources)

Conclusions of the EEC according to the criteria. Out of 19 standards conform: completely - 17, partially - 2, do not correspond - 0

Standard 8: completed

Standard 9: CONTINUOUS RENEWAL

Evidence of Compliance:

Over the past 3 years, the Simulation Room "Endoshool" has been modernized.

According to the data of personal records of employees, all SCU employees, including teaching

staff, improve their professional qualifications every 5 years. The processes of updating the educational programme for residency and improving the practice of its implementation take place taking into account the knowledge and skills acquired by teachers at training events (seminars, master classes, conferences).

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

Standard 9: completed

6. Recommendations for improvement of institutional activities of JSC "Scientific Center of Urology named after Academician B.U. Dzharbusynov":

1. More actively involve residents in the implementation of scientific projects with results in the form of publications and presentations at conferences (standard 2).

2. Develop mechanisms to motivate and stimulate residents to support their learning at the Center (standard 4).

3. To carry out the digitalization of the process of assessing achievements and monitoring the activities of residents. When evaluating scientific projects and written exams, use the anti-plagiarism programme (standard 4).

4. In the Center's staffing table, provide for the position of curator and clinical mentor with the distribution of appropriate rates among employees involved in the training of residents, in accordance with the number of planned and completed training hours. Approve the list of clinical mentors that meet the requirements of the Regulations on Clinical Mentors (standard 5).

5. Develop and approve a long-term programme for the development of pedagogical skills of teachers and support them on a regular basis. Organize training for clinical mentors in pedagogy and psychology (standard 5).

6. Organize training for residents of the Center at alternative bases through cooperation with republican and foreign universities, research centers (standard 6).

7. Provide funding for scientific research of teachers in order to increase the level of publication activity (standard 6).

8. Provide wide access for teachers and residents to international electronic databases (standard 6).


9. Stimulating the development of the interest of teachers and residents in conducting research (standard 6).

7. Recommendation to the ECAQA Accreditation Council

EEC members established compliance with the Standards for Institutional Accreditation of Medical Organizations of Postgraduate Education and came to a unanimous opinion to recommend to the ECAQA Accreditation Council to accredit JSC "Scientific Center of Urology named after Academician B.U. Dzharbusynov" as an organization providing postgraduate education for a period of 5 years.

	Full name	Signature
Chairperson	Turgunov Ermek Meyramovich	
foreign expert	Khakimkhodzhaev Zufar Shavkatovich	
Kazakh academic expert	Ulanbek Zhanbyrbekuly	
Employers' representative	Amirov Gani Kondybayuly	
Resident Representative	Rakhyshev Dias Aueskhanuly	

ECAQA Observer_ Umarova M.A.



**Quality Profile and External Institutional Evaluation Criteria (Summary)
Of JSC "Scientific Center of Urology named after Academician B.U. Dzharbusynov"**

Standard	Criteria for evaluation	Number of standards	Grade		
			Totally coincides	Partially Compliant	Does not match
1.	MISSION AND END OUTCOMES	16	16		
2.	EDUCATIONAL PROGRAMME	23	22	1	
3.	ASSESSMENT OF STUDENTS	11	10	1	
4.	STUDENTS	28	25	3	
5.	FACULTY	7	5	2	
6.	EDUCATIONAL RESOURCES	20	15	5	
7.	PROGRAMME EVALUATION	13	12		
8.	GOVERNANCE AND ADMINISTRATION	19	17		
9.	CONTINUOUS RENEWAL	4	4		
	Total:	144	132	12	
			144		

List of documents reviewed as part of an external expert evaluation

No.	Document names	Quantity	Date Approval
1.	Strategic development plan for 2021 - 2025	1	31.12.2020
2.	Educational programme	1	24.08. 2021
3.	Academic policy	1	07/03/2021
4.	Personnel policy	1	01/05/2020
5.	Human Resource Management Programme	1	05.02.2021
6.	Regulations on residency	1	07/03/2021
7.	Regulations on academic mobility	1	07/03/2021
8.	Resident Honor Code	1	07/03/2021
9.	Code of honor for teaching staff and employees	1	07/03/2021
10.	Academic calendar 2021-2022	1	
11.	Regulations on the organization of the educational process and monitoring the progress of residents	1	04/24/2020
12.	Regulations on mentoring	1	07/03/2021
13.	Rules for admission to residency	1	01/15/2020
14.	Regulations on the Ethics Council	1	01/05/2021
15.	TEP for 2021-2022	2	24.08. 2021
16.	Annual Report 2020	1	24.08. 2021
17.	Schedule of classes with residents 2021-2022	1	24.08. 2021
18.	Syllabus 2021-2022	1	24.08. 2021
19.	Interim Assessment Tests	100	
20.	Individual teacher plan	6	
21.	Individual Resident Plan	11	
22.	Map of methodological support	1	24.08. 2021
23.	List of residents and their curators 2020-2021, 2021-2022	2	27.08. 2021
24.	Schedule of rotation of residents in the divisions of the clinical base	1	08/27/2021
25.	Schedule of scientific reports of residents for 2021-2022 year	1	08/27/2021
26.	Checklists	20	
27.	Resident Feedback Questionnaire	1	
28.	Resident Portfolio	10	
29.	Educational journals	6	
30.	Exam sheets	4	
31.	Certificates of teaching staff in pedagogy	6	
32.	Exam tickets	20	
33.	Situational clinical tasks	30	