

To Accreditation Council
of the Eurasian Center for Accreditation
and Quality Assurance in Higher Education and Health Care
26.06.2022

REPORT
OF THE EXTERNAL EXPERT COMMISSION ON THE RESULTS OF THE
ASSESSMENT OF THE EDUCATIONAL PROGRAMME
7R01123 "PEDIATRIC SURGERY"
OF JSC "SCIENTIFIC CENTER FOR PEDIATRICS AND PEDIATRIC
SURGERY"
FOR COMPLIANCE WITH THE ACCREDITATION STANDARDS FOR
POSTGRADUATE PROGRAMMES IN MEDICAL EDUCATIONAL
INSTITUTIONS

external expert evaluation period: 15-17 June 2022

Almaty, 2022

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List of symbols and abbreviations

Abbreviation	Interpretation
JSC "SCP&PS"	Joint Stock Company Scientific Center of Pediatrics and Pediatric Surgery
OPC	Outpatient care
ARCCH	Chief Physician Almaty Regional Children's Clinical Hospital
BD (L)	Basic disciplines (learning)
University	Higher education institution
SAC	State Attestation Commission
SPE on the REM	State Public Enterprise on the Right of Economic Management
SCES	State compulsory standard of education
DSHR	Department of Science and Human Resources
AE	AE – additional education
DLT	Distance learning technologies
FSA	final state attestation
IIT	Induction of immune tolerance
IEPI	Individual Educational Plan
MSE	Municipal State Treasury Enterprise
CDL	Clinical Diagnostic Laboratory
CMI	Control and measuring instruments
CQAES RoK	Quality Control Committee in the field of education and science of the Ministry of Education and Science of the Republic of Kazakhstan
CED	Catalog of elective disciplines
LEC	Local Ethics Commission
MoH RoK	Ministry of Health of the Republic of Kazakhstan
MES of RoK	Ministry of Education and Science of the Republic of Kazakhstan
RW	Research work
NSCS	National Research Center for Surgery
NLA	Normative legal acts
NGO	Non-governmental organizations
CPD	Continuing professional development;
STP	Scientific and Technical Programme
NCIE	National Independent Examination Centre
RCH	Regional Children's Hospital
EP	Educational programme
OSCE	Objective Structured Clinical Exam
MT	Midterm
PD (L)	Profiling disciplines (training)
AT	AT – Advanced Training
PMHC	Primary Medical health care
TS	Teaching staff
RSCI	Russian Scientific Citation Index
WEPI	Work Curriculum
RCHD	republican Center for Health Development
CLR	Cardiopulmonary resuscitation
AEMC	Ambulance emergency medical care
SOP	Standard Operating Procedures
IWR	independent work of a resident
IWRT	Resident independent work under the supervision of a teacher
TEP	Typical Educational plan
DHC	Health Care Department

EMC	Educational and methodological complex of the discipline
SC	Scientific Council
EMC	educational and methodological council
CDH	Central District Hospital
CBL	Case-Based Training
ECTS	European netting system
GCP	Good Clinical Practice Standard
PBL	Problem-oriented learning
TBL	Team-Based Learning

1. Composition of the external expert commission

In accordance with the ECAQA Order No. 21 dated 03.06.2022, an External Expert Commission (hereinafter referred to as the EEC) was formed to conduct an external evaluation of the educational programme in the specialty - 7R01123 "Pediatric Surgery" of the Scientific Center for Pediatrics and Pediatric Surgery (SCP&PS) in the period 15.06-17.06.2022, consisting of the following:

order №	Status as part of EEC	Full name	Regalia, position, place of work/place of study, course, specialty
1	chairperson	Zhanalina Bakhyt Sekerbekovna	doctor of Medical Sciences, Professor of the Department of Surgical and Pediatric Dentistry of NJSC "West Kazakhstan Medical University named after Marat Ospanov"
2	Foreign Expert	Lazareva Elena Pavlovna	Candidate of Medical Sciences, Associate Professor of the Department of Faculty and Polyclinic Pediatrics, FSBEI HE Volga Research Medical University, Ministry of Health of the Russian Federation, Nizhny Novgorod
3	Academic experts	Tukbekova Bibigul Toleubaevna	doctor of Medical Sciences, Associate Professor, Head of the Department of Pediatrics and Neonatology of the Medical University of Karaganda
		Kabildina Nailya Amirbekovna	candidate of Medical Sciences, Associate Professor, Head of the Department of Oncology and Radiology, doctor oncosurgeon MSE GED NJSC "Medical University of Karaganda"
4	Employers' representative	Tulendieva Assel Tayaubaevna	deputy Chief Physician for Quality Control of Medical Services, PSE on the REM "Children's City Clinical Hospital 2"
5	Resident Representative	Esengali Nazerke	resident of the first year of study in the specialty "Pediatrics " of the NEI " Kazakh-Russian Medical University"

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

The EEC report contains an assessment of the educational programme 7R01123 "Pediatric surgery" for compliance with the Standards of accreditation of postgraduate education programmes (residency specialties) of medical educational organizations and conclusions (hereinafter referred to as Accreditation Standards), recommendations of the EEC on further improvement of approaches and conditions for the implementation of the above-mentioned educational programme and recommendations for the ECAQA Accreditation Council.

2. General part of the final report

2.1 Presentation of the Scientific Center of Pediatrics and Pediatric Surgery JSC (SCP&PS) and educational programme in the specialty - 7R01123 "Pediatric Surgery"

Organization name, legal form of ownership, BIN	Joint Stock Company Scientific Center of Pediatrics and Pediatric Surgery BIN 991240004660
Management body	The Department of Justice of Bostandyk District has carried out the state registration of a legal entity

Full name of the chief executive officer	Manzhuova Lyazzat Nurpabaevna
Created in	No.737 dated July 25, 2018
Location and contact details	Al-Farabi Avenue 146, Almaty, 050023
State license for educational activities in the residency (date, number)	License number No. KZ16LAA00012717, license issue date August 20, 2018
Information on branches, subsidiaries (if any)	-
Year of implementation of the accredited educational programme (EP)	2008
Duration of training	in the specialty "Pediatrics" - 2 years majoring in Pediatric Surgery - 3 years majoring in Oncology and Pediatric Hematology - 2 years
Total number of graduates since the beginning of EP implementation	231 Residents
Number of residents on EP since the beginning of the current year	-
Full-time trainers/ Combiners involved in the implementation of EP, incl. % of degree	Full-time trainers 28 Part-timers-8 Degrees – 61%

The implementation of the educational programme 7R01123 "Pediatric Surgery" is planned from September 2022.

The mission of the educational programme in the specialty "Pediatric Surgery" is aimed at implementing the mission of JSC "Scientific Center of Pediatrics and Pediatric Surgery" by training qualified doctors in the specialty "Pediatric Surgery", possessing a system of universal knowledge and professional competencies, capable and ready for independent professional activity in the treatment of surgical diseases in children. The educational programme was developed collegially (minutes of the meeting of the Academic Council No.6 dated October 11, 2021)

The acquired knowledge, skills and abilities, based on the principle of a patient-centered approach, will allow graduates of the residency to work professionally, both independently and as part of a multidisciplinary team in the conditions of the cardiac surgery department of multidisciplinary clinics or scientific clinical centers.

The training programme in the specialty 7R01123 "Pediatric surgery" includes the study of the main current problems of pediatric surgery, issues of differential diagnosis, diagnosis and modern methods of treatment of children according to clinical protocols. The educational programme also includes clinical training of the resident under the guidance of a clinical mentor (teacher) and independent work of the resident. Based on the principle of the trinity of education, science and clinics, residents will be able to plan, conduct scientific research with further publication of the results, and transfer their experience to the medical community.

All teachers of the 7R01123 "Pediatric Surgery" programme regularly improve their competencies by studying at advanced training cycles. Responsibilities and duties of employees are reflected in job descriptions.

The employees of the department have certificates of advanced training in such competencies as effective teaching in a medical university, communication skills. All teachers and clinical mentors have certificates of a specialist of the highest category. Today, the degree of the faculty of the surgical department is 65% and 80% of employees have the highest qualification category.

The institutional accreditation of JSC "Scientific Center for Pediatrics and Pediatric Surgery" was conducted by the Eurasian Center for Accreditation and Quality Assurance of Education and Health (ECAQA). Certificate of Accreditation No. IA00047 dated March 24, 2022 (valid for 5 years).

In connection with the transition from the SPE on the REM to the joint-stock company, the license to engage in educational activities in the field of postgraduate education in the specialty "Pediatric Surgery" was re-issued - KZ16LAA00012717 and issued on August 20, 2018. On July 2, 2019, an annex was received to the license for educational activities using the code 7R091 "Health Care (medicine) at JSC "SCP&PS".

2.2. Information on previous accreditation

Specialized accreditation in the specialties of "Pediatric Surgery" was carried out by the Independent Kazakhstan Agency for Quality Assurance in Education (IQAA). Certificate No. SA 008 dated 26.12.2016 (valid for 5 years).

2.3 Conclusion based on the results of reviewing the self-assessment report of the educational programme 7R01123 "Pediatric surgery" for compliance with the Standards of accreditation of postgraduate education programmes (residency specialties) of medical educational organizations and conclusions

The report on the self-assessment of the educational programme 7R01123 "Pediatric Surgery" of the NCP&DH is presented on 124 pages, including 18 pages of annexes according to the relevant standards. The report on the institutional self-assessment is accompanied by a list of members of the working group on self-assessment and preparation for accreditation of the above-mentioned educational programme 7R01123 "Pediatric surgery", indicating the responsibility of each member of the internal commission; information on the person responsible for conducting the self-assessment for compliance with the ECAQA Standards for Accreditation of Educational Programmes.

The self-assessment of the educational programme 7R01123 "Pediatric Surgery" was carried out on the basis of Order No. 58-0 of March 9, 2022 "On approval of working groups for preparation for specialized accreditation".

The content of the Self-Assessment Report is structured in accordance with the ECAQA Standards for Accreditation of Postgraduate Education Programmes (Residency) in Medical Education Organizations and includes a description of strengths and areas for improvement for each standard.

The report has been reviewed and the reviews have highlighted strengths and areas for improvement, as well as recommendations for additions and changes, including the following:

Standards	areas for improvement
STANDARD 1.	Improvement of the educational process - development and implementation of effective innovative technologies in the educational process;
STANDARD 2.	Expansion of the equipment of the SCP&PS simulation class.
STANDARD 3.	The introduction of an electronic system and the registrar's office to digitalize the knowledge assessment procedure, transparency of methods for assessing students' knowledge, archiving and quickly obtaining the necessary information in the specialty "Pediatric Surgery".
Standard 4:	Carrying out work to improve the image of the SCP&PS.
STANDARD 5.	Involvement of foreign professors in the educational process. Improvement of pedagogical skills through participation in the Academic Mobility Programme.
STANDARD 6.	Expansion of international cooperation, external and internal academic mobility of teaching staff and residents in the specialty "Pediatric surgery". Exchange of experience in the educational process, joint educational programmes with the inclusion of sub-specialization.
STANDARD 7.	Involvement of foreign experts and partners for the evaluation of

	educational programmes. Improvement of educational programmes in the specialty "Pediatric Surgery" in accordance with the requirements of the labor market.
Standard 8:	More effective use of information and communication technologies in educational work. Improvement of financing mechanisms for all levels of education (academic mobility of residents, participation of residents in international events); Further improvement of the material and technical base of the Center to meet international standards.
STANDARD 9.	Implementation of the Kaizen strategy focusing on continuous self-improvement of the processes of development and management of EP aimed at improving and maximizing customer satisfaction in pediatric surgical specialties.

Thus, in the process of feedback from the representative of the educational organization, experts received answers to the questions that arose and the self-assessment report was amended accordingly and additions were made to the recommendations of the reviewers.

All standards show the real practice of the SCP&PS to train residents, taking into account the planned start of student admission in September 2022. The description in the self-assessment report is sufficiently complete and updated in terms of the number of residents, teachers, administration, information on selection and admission, learning outcomes, results of knowledge and skills assessment, material and technical base of the university and clinical bases, contractual obligations with partners (universities, associations, bases), financial information, plans for development and improvement.

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

3. External expert evaluation assessment

External expert work in the framework of the evaluation of the educational programme 7R01123 "Pediatric Surgery" was organized in accordance with the Guidelines for the external evaluation of educational institutions and educational programmes of ECAQA (approved by the order of the Director General of "Eurasian Center for Accreditation and Quality Assurance of Higher Education and Health Care" No.5 dated 17.02.2017) and in accordance with the programme approved by Order No. 21 dated 03.06.2022 by the Director General of ECAQA Sarsenbayeva S.S. and agreed with the Acting Director of the SCP&PS Manzhurova Lyazzat Nurpabaevna. Dates of the visit to the organization: June 15-17, 2022.

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

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

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

- interview with management and administrative staff – 32 people in total;
- study of the [website https://semeymedicaluniversity.kz/obuchenie/obrazovatelnye-programmy/rezidentura/](https://semeymedicaluniversity.kz/obuchenie/obrazovatelnye-programmy/rezidentura/);
- interviewing 3 employees (employers), 10 teachers;
- questionnaires of teachers and residents – 11 and 16, respectively;

- review of resources in the context of the implementation of accreditation standards: visited the practice/clinical engagement database of the SCP&PS, CCH No.2, city polyclinic No.7, surgical departments, where it is planned to conduct training of residents in the specialty "Pediatric surgery";
- study of educational and methodological documents in the amount of 21 units both before the visit to the organization and during the visit to the units (the list of studied documents is in Attachment 2).

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

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

№	Full name	Job Title
1	Manzhuova Lyazzat Nurpabaevna	Acting Chairperson of the Board Candidate of Medical Sciences
2	Tashenov Marlen Bulatovich	Deputy for Strategic Development and Economics
3	Abdilova Gulnar Kaldenovna	Head of the pediatric unit, Candidate of Medical Sciences
4	Azamat Zhanabylovich Orazalinov	Acting Head of the Surgical Unit
5	BAZARBAEVA AIGUL ABAEVNA	Head of Science and Education, Candidate of Medical Sciences
6	Shakhmetova Kulbarshin Seilbekovna	Scientific Secretary, Candidate of Medical Sciences
7	Omarova Kulyan Omarovna	Professor, Head of the Management Department, Doctor of Medical Sciences
8	Sharipova Myra Nabimuratovna	head of the Patent Information and Evidence-Based Medicine Sector, Doctor of Medical Sciences
9	Ishuova Pakhitkanym Kabdukaevna	head of the Biostatistics Sector, Doctor of Medical Sciences
10	Batyrkhanova Gulzat Zangalievna	Laboratory Specialist
11	Makhneva Anna Friedrikhovna	Pathomorphologist, Candidate of Medical Sciences
12	Bayguttiyeva Aizhan Azimbayevna	head of the Department of Neonatology
13	Kalabayeva Muldir Makhsutkhankyzy	head of the Department of Surgery No.1
14	Bulabaeva Gulnar Erzhanovna	head of the Department of Oncology and Hematology No.3
15	Nurzhanova Gaukhar Amangeldievna	head of the Department of Oncology and Hematology No.2
16	Olesya Sergeevna Pankova	head of the Department of Oncology and Hematology No.1
17	Zhumadullayev Bahram Malikaidarovich	head of the Department of Surgery No.2, Candidate of Medical Sciences
18	Sargelov Sundet Shakirovich	head of the Department of Radiation Diagnostics, Candidate of Medical Sciences
19	Sarsenbayeva Gulzhan Iskendirovna	Cardiac surgeon, Candidate of Medical Sciences
20	Kakhriman Makhmudzhanovich Akhtarov	Physician Surgeon

21	Sadykova Altyнай Zhenisovna	Neonatologist
22	Tulebaeva Aigul Bayazitovna	Hematologist, Candidate of Medical Sciences
23	Shilanbaev Nyshanbek Ratbekovich	Head of Endoscopy Department
24	Sakenov Baurzhan Tleukabylovich	Urologist
25	Şırbay Çanat Serikuly	Physician, Neonatal Surgeon
26	Kasenov Shalkar Ersayynuly	Physician, Neonatal Surgeon
27	Zhanuzakova Nazgul Taupikhovna	Head of Pulmonology Department
28	Marshalkina Tatyana Vasilyevna	Pulmonologist, Candidate of Medical Sciences
29	Slobodeniuk Ekaterina Borisovna	Physician Expert
30	Bayaldieva Zarina	Physician pulmonologist
31	Kurimova Kymbat	Pediatrician
32	Roziev Shukhrat	Physician Oncologist
33	Residents of the 1st year of study	6
34	Residents of the 2nd year of study	4

During the interview with the first head of the organization, Acting Chairperson of the Board, L. N. Manzhuova, Deputy Chairperson of the Board for Strategic Development, M. B. Tashenov, Head of Science and Education, Candidate of Medical Sciences A. A. Bazarbayeva, Head of the Pediatric Unit, Candidate of Medical Sciences G. K. Abdilova, Head of the Surgical Unit, Candidate of Medical Sciences K. E. Khairov, Scientific Secretary, Candidate of Medical Sciences K. S. Shakhmetova, the members of the EEC were presented and familiarized with the objectives of the visit. Interviews with the management of the SCP&PS showed real practice on the strategy for the development of postgraduate education, the mission of the center and educational programmes, involvement in the development of the EP of stakeholders, assessment of health care needs for accredited specialties, international cooperation.

During the interview with the head of science and education Bazarbayeva A.A., the scientific secretary Shakhmetova K.S., methodologists Ryskeldiyeva G.S. and Osmanova M.T., the issues of formation of educational programmes in the specialties of the residency, the formation of a state order in the specialties, the reception and recruitment of residents; the policy of assessing residents, the availability of resources were touched upon. Competencies of residents, employment of graduates, planning, development, approval and monitoring of the quality of educational programmes, educational and methodological documentation, which met the **standards of 2,3,4,6**.

During the meeting with the leading researcher Professor K. Omarova, chief researchers M. N. Sharipova, P. K. Ishuova, MD, Head of Science and Education A. A. Bazarbayeva, Scientific Secretary K. M. Shakhmetova, K. S. Shakhmetova, the answers were received to the questions concerning the scientific directions of the SCP&PS, the integration of science and education, the system of motivation and participation in the research of teachers, the effectiveness of research, ensuring the implementation of research by residents, which met the standards of **2,3,4,5,6**.

When familiarizing with the clinical training bases of residents (oncohematology, pediatrics, pediatric surgery), a meeting was held with the head of the pediatric unit, Candidate of Medical Sciences Abdilova G.K., the acting head of the surgical unit, Candidate of Medical Sciences Orazalinov A.Zh., where the issues of the availability of resources for the clinical practice of residents, cooperation with the parties of clinical bases, joint activities, mentoring in the residency were covered, which corresponded to the **standards of 5,6,7**.

An interview with residents, teachers, employers and graduates of the residency programme established compliance with the criteria of **Standard 1**. All participants in the educational process know the mission of the organization, took part in the formation of proposals for the formulation of the mission, while the mission was brought to the attention of stakeholders (faculty, residents, employers) through the website, social networks, information letters to medical organizations. The strategic plan

of the organization for the period of 5 years was reviewed, including such areas as improving the quality of services provided; developing the scientific potential of the university; improving the efficiency of human resource management through the development of competencies, corporate communication; forming the image of the university; modernizing the material and technical base, which confirms the fulfillment of the accreditation standard and demonstrates the goals, objectives and prospects of the organization. From interviews with residents, it was established that before the beginning of classes, teachers inform about the mission, work plans of the organization of education, tell where to get the necessary information about the educational programme, teachers, training bases. This indicates compliance with **Standard 2** in terms of adapting training to the needs of residents.

The organization's documents contain work programmes, EMCD, which define the goal, take into account the integration of practical and theoretical components, independent work. Compliance with the SCES and standard requirements has been established. The organization ensures compliance with ethical aspects in the implementation of the educational programme, since experts have studied the code of honor of teaching staff and students No. 3 dated July 25, 2019.

When visiting university departments and talking to faculty members, experts saw that the organization promotes the development of practical competencies of residents, including simulation equipment, while the organization helps residents to deepen their theoretical knowledge, develop communication skills.

The analysis of educational activities showed that the scientific basis and all the achievements of science in the relevant disciplines were taken into account, additions were made to the bibliography of the EMCD and syllabuses.

The study of control and measuring tools (20 tests of the database of test tasks, 5 clinical tasks) showed that the organization has implemented a proper evaluation policy that allows a comprehensive assessment of the educational achievements of residents. During the interview, the residents spoke about the forms of assessment, for example, assessment sheets for solving situational problems, assessment sheets for performing practical skills and that they are satisfied with everything. The system of appealing the results of the assessment is reflected in the "Regulation on the conduct of the appeal" No.2 dated May 19, 2022, and during the period of work of the organization of education, there were no precedents for the appeal. Thus, compliance with **standard 3** has been established.

The conversation with teachers and clinical mentors Omarova K.O., Sharipova M.N., Ishuova P.K., Bazarbayeva A.A., Abdilova G.K., Zhumadullayev B.M., Sarsenbayeva G.I., Aktarov K.M., Bulabayeva G.E., Pankova O.S., Katarbayev A.K., Serikbayeva K.S., Kapanov K.T. included such issues as the content of the educational programme, the formation of a catalog of subjective disciplines, methods of assessing residents, the sufficiency of clinical bases and their material and technical equipment, the volume of hours for academic mentors, requirements for clinical mentors, scientific research and publication activity of residents, the implementation of academic mobility of teachers and residents, which allowed experts to learn about approaches to attracting employees of clinical bases for teaching, about the strategy and tactics of recruitment of residents, the information security of the educational programme, which corresponded to the **standards of 2,4,5**.

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

In order to verify the data of **Standard 5**, when meeting with the managers responsible for personnel policy: L.N. Manzhuova, M.B. Tashenov, A.A. Bazarbayeva, A.T. Kabiyeu, external experts received an opinion on personnel policy and approaches to the development of pedagogical and professional competence of teachers, motivation to work with residents. Experts found that teachers initiate research topics for residents, stimulate the need for additional training and independent work with literature, work with medical documents, the implementation of an individual plan, the implementation of sanitary and educational work among the population, academic mobility of residents.

During the visit to the simulation center, the experts observed the implementation of the emergency procedure for a newborn by third-year residents and the development of manual skills during the spinocerebral puncture.

Members of EEC attended seminars with residents of 3 courses in the following specialties:

- "Pediatrics" teacher T.V. Marshalkina, subject: "Diagnostic criteria and clinical manifestations of cystic fibrosis in children";
- "Oncology and hematology of children" teacher Tulebayeva A., subject: "Differential diagnosis of diseases with hemorrhagic syndrome". The classes were conducted according to the CBL system and were provided with appropriate educational and methodological documentation.

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

Interviews with 3 employers were conducted online and included such questions as: knowledge of the university's mission, participation in the development of the mission and proposals to the strategic plan, participation in the work of advisory bodies, satisfaction with the basic knowledge and skills of residents, participation in the training of residents through mentoring, providing the department and residents with the necessary resources for practical training and formation clinical thinking, interaction with departments and the university as a whole, 100% employment of residency graduates, etc.

The review of resources showed that they correspond to the goals and objectives of educational activities, for example, a clinical base was visited - the SCP&PS in Almaty. The center has 285 beds, of which 2 departments of pediatric surgery, neonatology with neonatal surgery, urology with surgical andrology, cardiac surgery, interventional cardiology and angioplasty, endoscopic research and surgery sector, 4 departments of pediatric oncology and hematology, as well as auxiliary departments - operating unit, functional diagnostics, radiation diagnostics and ultrasound, clinical diagnostic department and clinical diagnostic laboratory. There are also 4 intensive care units for various profiles in the SCP&PS and a highly equipped modern laboratory for apheresis and control of hematopoietic stem cells with a transfusion department. The employees of the organization of education provide collegial and ethical relations with the medical personnel, the management of the clinical base to achieve the final results of residents. A sufficient number of thematic patients, modern equipment and demonstrates accessibility to students are provided, and employees who simultaneously perform the roles of teachers and mentors (mentors) provide high-quality training in compliance with ethics and deontology. Before starting the relevant discipline of the educational programme, the resident receives a syllabus from the teacher and knows what skills he/she must acquire and develop during the training.

On the last day of the visit to the organization, a meeting of EEC members was held on the results of the external evaluation. The final discussion of the results of the external evaluation of the educational programme, the study of documents, the results of the interview, questionnaires was held. EEC members started designing the final EEC report. The results of the external evaluation are summarized. The experts individually completed the "Quality Profile and Criteria for External Evaluation of the Educational Programme 7R01123 "Pediatric surgery" for Compliance with the ECAQA Accreditation Standards". No comments were made by the EEC members. Recommendations for improving the educational programme were discussed and the Chairperson Zhanalina B.S. held a final open vote on recommendations for the ECAQA Accreditation Council for the accreditation period.

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

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

Conclusion: At the stage before the visit to the university, the EEC members analyzed the self-assessment report of the EP with appendices and documents posted on google.disk, prepared a list of additional documents and questions to clarify and verify the submitted data, to which exhaustive data and answers were received during the visit.

As part of the visit and the external assessment SCP&PS for compliance with the standards of specialized accreditation, the members of the EEC studied and evaluated the main indicators of the organization's activities, analyzed the information obtained during visits to university departments and clinical base, observation of processes, interviews with management, teaching staff, residents, graduates of higher education institutions of different years and employers and study of relevant documents, evaluation of the results of questionnaires of students and teachers. The data obtained during the visit were compared with the data presented in the self-assessment report, which made it possible to verify the reliability of the information provided.

In general, the experts noted the high level of qualification of teachers, the motivation of students, the commitment of employees and students to the traditions and values of the university, a sufficient level of informatization and digitalization of processes, the availability of clinical bases for training in the residency. Academic buildings of the university, where theoretical departments, educational and clinical center, auxiliary units are based, are well equipped with modern equipment, have sufficient area. At the same time, the commission members identified recommendations for improving the educational process.

Thus, the external evaluation and the visit of the members of the EEC allowed to verify the data of the report on the self-assessment of the educational programme 7R01123 "Pediatric surgery" in full and to formulate recommendations for improving the system of training medical personnel under this programme.

4. Results of the survey.

In 15-17.06.2022, the ECAQA observer conducted an online survey of students and teachers of the SCP&PS at <https://webanketa.com/>.

Resident survey results:

Total number of respondents –16.

This university will be recommended as an educational institution – 100% fully agree. 87.5% of respondents fully agree and 12.5% partially agree that programme managers and teaching staff are aware of their learning problems. Fully (87.5%) and partially (12.5%) satisfied with the conditions and equipment of the teaching rooms, classrooms of the university. According to 87.5% (fully) and 12.5% (partially) of office equipment is available for use on the basis of practice. Teachers provide residents with methodological and didactic materials, additional literature to prepare for classes - fully agree 100%. Fully (87.5%) and partially (12.5%) satisfied with the library collection and resources. 93.75% of respondents have access to e-learning resources and 6.25% believe that this is a partial access.

According to 87.5%, the organization of clinical training fully satisfies them, and 12.5% partially. Satisfied completely (93.25%) and partially (6.75%) with the methods of teaching. There is sufficient time for practical training (patient supervision, etc.) – 100% fully agree. Satisfied with the methods of assessing my knowledge and skills – completely agree 93.75%, partially 6.25%. According to 93.75% of teachers in the classroom use active and interactive teaching methods regularly, and according to 6.25% - sometimes.

According to 100% of respondents, teachers constantly provide feedback after completing classes. 100% of respondents are completely satisfied that they are studying at the scientific center. The scientific center allows you to improve or acquire the necessary knowledge and skills in the

chosen specialty 100% confident. 100% are fully satisfied with the organization of teaching at the SCP&PS.

По мнению 100 % респондентов аккредитация является необходимым механизмом для улучшения образовательных программ. The work of the EEC was rated as positive – 100%.

Results of the survey of teachers of resident programmes:

The total number of teachers on the list is 11. The total number of respondents was 11, including those with experience of up to 10 years-9.09%, over 10 years – 90.91%. 100% satisfied with the organization of the educational process. The scientific center observes ethics and subordination completely agree 100%. 100% of respondents are completely satisfied with the organization of work and workplace. In the organization there is an opportunity for career growth and competence development to teachers-88,46% completely agree, partially –11,54%.

In this educational institution, teachers have the opportunity to do scientific work and publish the results of research – 100% completely agree. 81.82% of respondents are completely satisfied with the work of the personnel service, and 18.18% are partially satisfied. Most of those surveyed underwent further training during the year. 100% fully agree that they can be implemented as professionals. 100% of respondents fully agree that students have free access to patients on the clinical bases of the university and to the resources of the practice bases. 9.09% of respondents do not know about the implementation of social programmes to support teachers. The management and administration systematically listen to the opinion of teachers – 90.91%, sometimes – 9.09% of respondents. Various teaching methods are used in the education of students, but more often work - analysis of situational problems (81.82%), work in small groups (72.73%), oral surveys and analysis of the topic (100%), also problem-oriented learning (54.55%), solution of tests (81.82%), cases are solved (63.64%), less often written completion of tasks (45.45%). 81.82% fully agree that this survey will be useful for developing recommendations for improving the university and educational residency programmes, 18.18% partially agree with this.

The results of the survey as a whole demonstrate the satisfaction of both residents and teachers with the educational process, the resources of clinical bases, the competencies of teachers, and also testify to the existence of a centralized management of the educational programme, while at the same time determining areas for improvement - social support programmes for teachers, support for the participation of teaching staff in international and national events.

5. Analysis for compliance with accreditation standards based on the results of external evaluation and educational programme 7R01123 "Pediatric Surgery"

Standard 1: MISSION AND END OUTCOMES

Evidence of compliance:

1.1 Mission statement and deliverables

The mission of the educational programme 7R01123 "Pediatric Surgery" is based on the mission of the SCP&PS – serving society through the training of competitive specialists in the treatment, preservation and strengthening of human health, improving health care through the integration of advanced educational, scientific and medical technologies"

The mission of the educational programme (EP) in the specialty "Pediatric Surgery" is aimed at implementing the mission of the Center by training qualified doctors in the specialty "Pediatric Surgery", who have a system of universal knowledge and professional competencies, capable and ready for independent professional activity in the treatment of surgical diseases in children. The educational programme was developed collegially (minutes of the meeting of the Academic Council No.6 dated October 11, 2021)

As a result of meetings and interviews with teachers, employers, residents of the educational programme, it was possible to establish that based on the principle of the trinity of education, science and clinics, taking into account the patient-centered approach, graduates will be able to work

independently in the cardiac surgery departments of multidisciplinary hospitals or scientific clinical centers.

The study of the documentation showed that the content of the mission of the educational programme of the residence in the specialty 7R01123 "Pediatric surgery" is based on the analysis of the needs of public health and the medical care system.

Taking into account the high need in the provision of surgical assistance to the children of the Republic of Kazakhstan, to ensure the practical health care of professional personnel, the specialty "Pediatric Surgery" was developed. Within the framework of the existing need for qualified specialists in the field of pediatric surgery throughout the Republic of Kazakhstan, the mission of the EP was formulated. The content of the mission and the educational programme as a whole were presented to external stakeholders, discussed at the meeting of the Academic Council of the Scientific Center (Minutes No.6 dated October 11, 2021).

1.2 Professionalism and professional autonomy

Visiting the clinical base, meetings with teachers and clinical mentors made it possible to see that by adhering to a patient-centered approach in the clinical process, while maintaining the need for assistance, it is possible for each resident to form an individual level of professionalism. The formation of professionalism is formed on the basis of direct on-the-job training, where residents face clinical situations of various levels of complexity, learning from the experience of senior colleagues, and thereby building their own model of behavior.

Based on the Law on Education of the Republic of Kazakhstan, where the autonomy of higher and postgraduate education organizations is enshrined, which gives the right, on the basis of standard rules, orders, etc. The university and NLA determine independently the development of the educational programme, assessment, selection and admission of residents, selection of teachers, employment conditions and allocation of resources.

The Regulations on Residency reflect the rights of residents, the implementation of which is facilitated by the department. Ensuring the freedom of expression of a resident's opinions on their education is usually carried out by means of an anonymous questionnaire, which is carried out centrally. Analysis of feedback on training satisfaction is reported at the meeting of the surgical unit. Based on the results of the commission's work, a plan of measures to eliminate complaints is being developed.

1.3 Learning outcomes

The final results of training in the specialty of the residency "Pediatric Surgery" were formed on the basis of the SCES of 2020.

When formulating the final results of training, the Key Competencies of the SCES were taken as the basis (Appendix – 1.7 EP KC 1-6), Levels of knowledge of clinical competencies (PD, DT, E, P, etc.) and Levels of knowledge of practical skills, manipulations, procedures (1-4). Each of these items is prescribed and applied to nosologies (ICD-10) studied in the residency in priority training of a specialist.

For example, KC-1 - (DT - Able to diagnose and treat patients without the help of a team (team work), DTT - Able to diagnose and treat, working together with a team (team), E - Able to identify an emergency situation and provide emergency care, P - Able to apply preventive measures (primary, secondary, tertiary prevention).

The skills of professional behavior; proper behavior and attitude to patients and their relatives, resident colleagues, teachers, other health care workers (KC-2) are formed on an ongoing basis by conducting conversations, participating in trainings conducted by the staff of the department, a 360-degree questionnaire.

The Code of Honor for Students, adopted by the SCP&PS on July 25, 2019, prescribes the principles of the corporate behavior of students, the relationship of students with teachers and among themselves, the relationship of students with doctors, etc.

Informing the medical community about the established final results of training on the residency programme in the specialty "Pediatric surgery" is carried out by discussing the educational

programme at the meeting of the surgical unit, providing the EP to the heads of healthcare organizations and receiving feedback, approval of the EP EMC of the scientific center.

Since the EP is focused on the expectation of the employer and the needs of the labor market, coordination of the elements of the EP, CED is carried out with employers. Employers, members of professional associations are involved in the review of EP, participation in the discussion of the results at the meetings of the commission on quality assurance of EP.

1.4 Participation in the formulation of the mission and final results

All interested parties (university staff, residency graduates, health and education management bodies, healthcare organizations, employers, professional medical associations, the public) participate in the formation of the mission and the final results of training in the NJSC KRMU, taking into account their proposals.

The mission and final results of the training of the "Pediatric Surgery" EP are formulated on the basis of the Standard for the organization of surgical care for children in the Republic of Kazakhstan. Representatives of the main stakeholders are involved in the formulation of the mission of the EP by discussing the draft mission of the EP at the level of: students, at a meeting of the surgical unit, the educational and methodological council, which includes representatives of employers/representatives of practical health care, students and representatives of various clinical specialties.

Conclusions of the EEC on the criteria. Compliant with 17 standards: fully – 17, partially – 0, non-compliant – 0

Standard 1: Implemented

Recommendations for improvement identified during the external visit:

Standard 2: EDUCATIONAL PROGRAMME

Evidence of compliance:

2.1 Postgraduate programme framework

The educational programme in the specialty 7R01123 "Pediatric surgery" was developed in accordance with the SCES and the Model Curriculum: Order of the Minister of Health of the Republic of Kazakhstan dated February 21, 2020 No.647 RK DSM-12/2020 (<https://adilet.zan.kz/rus/docs/V2000020071>). The order was registered with the Ministry of Justice of the Republic of Kazakhstan on February 27, 2020 No. 20071. The standard curriculum for the specialty 7R01123 "Pediatric surgery" provides for 3-year training in the residency, with a total minimum of 3600 hours (210 credits) and obtaining a qualification – a maxillofacial surgeon, which also meets the requirements of the State Standard of the Ministry of Health of the Republic of Kazakhstan No. 647 dated February 21, 2020. Mandatory disciplines/modules reflected in the document, as well as the university component of choice are formed in the educational programme 7R01123 "Pediatric surgery" in 4 modules. 5th optional module of the component.

The qualification obtained as a result of mastering the educational programme – "doctor-pediatric surgeon" corresponds to the 7th level of the National Qualification Framework and is reflected in the passport of the educational programme. Clarifications on this issue are carried out by the staff of the department when entering the residency.

Training in the educational programme 7R01123 "Pediatric surgery" is practice-oriented, which is consistent with the requirements of the SCES, according to which 75% is given to independent work under the guidance of a mentor and 15% to the independent work of a resident. Residents who are planned to be trained at the surgical department of the SCP&PS have access to surgical patients requiring both inpatient (including intensive) and outpatient treatment. They can also monitor continuity between different stages of therapy and rehabilitation of patients.

Each resident is assigned certain wards or incoming patients for whom he/she will be responsible as a resident doctor under the guidance of a clinical mentor.

The resident carries out the supervision of his patients from the moment of admission to the moment of discharge, including filling in medical documentation, performing medical and diagnostic manipulations, participation in surgery in the form of an assistant, participation in the conducted

instrumental examinations, consultations with other specialists, clinical debriefings and consultations, if necessary - pathoanatomical conferences. Specialists with extensive clinical experience, having the highest qualification category, are involved as mentors for resident pediatric surgeons.

Ethical conduct, personality integrity, honesty, altruism, service to others, adherence to the professional code, justice and respect for others, observance of equality regardless of gender, ethnic origin, religion, sexual orientation and socio-economic status are formed in the resident in the process of patient management under the guidance of a supervisor, mentor or teacher. Compliance with these principles is regulated in the Code of Ethics for Students (July 25, 2019).

The principles of academic honesty, equality in relation to staff and students are prescribed in the Charter of the SCP&PS (Order of the Acting Chairperson of the State Property and Privatization Committee of the MF RoK No.737 dated July 25, 2018), which is available to a wide range of stakeholders and is posted on the website of the scientific center (<https://pediatria.kz/homepage/missiya-videnie-tseli.html>).

The procedure for informing residents about their rights and obligations is carried out by surgical staff, clinical mentors, and there are also materials on the website of the scientific center.

The obligations of residents to observe ethics are constantly monitored by the teacher, clinical mentor, doctors, nurses etc. Recommendations for the correction of professional and ethical behavior are given regularly, if necessary, both orally and when evaluating a resident using the 3600 questionnaire.

The programme 7R01123 "Pediatric Surgery" is composed in such a way that the entire list of mandatory disciplines is formed logically and in relation to the future specialty in the future. 6 key competencies (KC-1 - Patient Care, KC-2 - Communication and Collaboration, KC-3 - Safety and Quality, KC-4 - Public Health, KC-5 - Research, KC-6 - Training and Development). These competencies, in general, reflect modern trends towards the trinity of medical specialists.

To disclose the Key competence "Communication and Collaboration", the educational programme includes the concepts: "Level of proficiency in clinical competencies", "Level of proficiency in practical skills, manipulations, procedures", "List of nosologies and conditions that the resident must master", "List of practical skills, manipulations, procedures that the resident must possess". The peculiarity of this list is the level of mastery for each state/nosology (E, PD, D, DT, DTT, P). At the same time, the final results of training in the residency are based on the demands of practical health care and the requirements of regulatory documents of the Republic of Kazakhstan.

2.2 Scientific method

Resident neurosurgeons will be able to do not only clinical work, but also to conduct active research activities under the guidance of a teacher.

Knowledge of the basics of evidence-based medicine is mandatory in the process of studying in the specialty 7R01123 "Pediatric surgery". Adherence to the principles of evidence-based medicine is also supported by clinical protocols, which are regularly updated according to the accumulated evidence base.

The EP provides for training of residents in critical assessment of literature, articles and scientific data through the writing of abstracts, presentations in accordance with the thematic plan of the discipline, essays on current problems of diagnosis and treatment of the most common diseases.

2.3 Content of the residency programme

The core disciplines of the mandatory component of the 7R01123 "Pediatric surgery" EP are aimed at theoretical and practical training of residents in the field of clinical sciences and preventive medicine, making clinical decisions, communication skills, patient safety issues. Improvement of knowledge and skills in the field of medical ethics, public health, responsibility for one's own health, laid down at the undergraduate level, is carried out directly during practical training with the help of mentors. More complex issues of medical jurisprudence and forensic medicine, knowledge of complementary and alternative medicine develop in the course of discussing various approaches to non-standard situations in the course of discussing clinical cases, analyzing situations, studying the experience of other colleagues.

The development of clinical skills and professional attitude to work is facilitated by the participation of residents in the real activities of the doctor: supervision of patients at the inpatient level, outpatient reception, medical conferences, registration of medical documentation, work in medical information systems (KMIS, AIS), work with regulations, duty, preparation of reports, presentations, formation of a portfolio that provides a visual example of a professional attitude to work in a medical organization and interprofessional communications of specialists of various profiles and levels.

In addition, changes to the EP are made taking into account the needs of employers and practical health care, respectively, employers can make changes that affect the introduction of additional disciplines of the component of choice.

2.4 Programme structure, content and duration

The educational programme consists of 210 credits (3600 hours). The programme structure includes 4 mandatory modules and 1 module of the optional component.

Module 1. Routine Surgery and Urology

2nd module. Emergency and thoracic surgery with outpatient and polyclinic.

Module 3. Traumatology and orthopaedics

Module 4 Neonatal Diseases and Endovideo Surgery

Module 1 of the optional component - "Diagnostic methods of research and pediatric anesthesiology with resuscitation".

The principle of building a modular educational programme is based on the logic and consistency of studying disciplines. Prerequisites are strictly observed. The principle of rotation and separation of the main disciplines allows to consistently deepen the level of mastery of the most important nosological units and medical manipulations.

The ratio of classroom classes with independent work under the guidance of a mentor and independent work of a resident is 10% - 75% - 15%.

2.5 Organization of training

In the surgical unit, doctors of the highest category, experts in the field of educational programmes development are responsible for the organization of training. Compliance of clinical bases with accreditation requirements is carried out by specialized accreditation agencies and reflected in the relevant documents.

University has adequate representation of staff, trainees and other stakeholders in the planning of the educational programme. In the specialty "Pediatric Surgery", the Teaching and Methodological Council includes the head of the surgical unit, Candidate of Medical Sciences, doctor of the highest category Khairov K.E.

2.6 Relationship between postgraduate medical education and health care

The SCP&PS adopted the "Regulations on the Department of Science and Education" dated 02.09.2019. This provision defines the priority goals of the mentor's work as assistance in acquiring, improving the professional theoretical and practical competencies of residents, mastering the norms of medical ethics and deontology, and educating them to be demanding and interested in the results of work in the process of joint clinical activities. Up to 3 residents are assigned to each mentor, if possible, the presence of a resident of the first and second years of study is provided for the purpose of continuity and "mini-mentoring" of the senior over the junior. The principle of rotation is also observed, in which the resident's clinical mentor changes depending on the department or clinical base on which the resident is located. The objectives of mentoring are achieved by providing the resident with sufficient freedom to carry out practical activities on the one hand, demonstrating the role model, ensuring a relevant level of observation, providing appropriate assistance, providing constructive feedback on the other.

In addition to the mentor, in order to implement the training plan and the quality of the EP, residents are assigned a curator who participates in the preparation of the resident and is personally responsible for the implementation of the training plan, carries out measures for personal and psychological support of the resident during the stages of education. The curator is appointed from

among the teaching staff of the course, who have the academic degree of doctor, candidate of medical sciences, as well as the highest qualification category. Curators and mentors in the course of daily work give specific recommendations for further improving professional skills, mastering the standards of medical ethics and deontology, improving the general education and cultural level.

The share of employees from practical health care as mentors was selected from among experienced specialists whose activities are related to the direction of the residency programme (having at least 5 years of experience in this professional field).

According to the developed modular educational programmes, practical skills training in medical care under the guidance of supervisors takes place on various clinical bases. The share of practical training in the educational programme provides for 90%, with the direct participation of a clinical mentor.

When visiting the simulation center, the EEC members established active mastery of emergency care skills by third-year residents (resuscitation of a newborn, spinal puncture) in the simulation center conditions with the availability of appropriate equipment and mannequins in sufficient quantities.

Conclusions of the EEC on the criteria. Compliant with 30 standards: full – 30.

Standard 2: Implemented

Recommendations for improvement identified during the external visit: none

Standard 3: ASSESSMENT OF STUDENTS

Evidence of compliance:

3.1 Methods of evaluation

When analyzing the documentation, the EEC experts established that the methods of evaluating residents in the scientific center for all specialties of the residency there is a unified policy for evaluating residents, including in the specialty 7R01123 "Pediatric surgery", the evaluation policy is reflected in the Regulation on residency, educational programme and syllabuses of disciplines.

The university has introduced an integrated assessment system that takes into account both formative assessment (FA) and summary assessment (SA), covering the theoretical knowledge and practical skills necessary for the future profession. Final Discipline Score (FDS) - is calculated using the following formula: $FDS = FA * 0.3 + SA * 0.7$

Current monitoring is performed by an academic or clinical mentor. Line supervision evaluates the results of training upon completion of disciplines.

EEC experts confirmed that the criteria for passing examinations or other types of assessment, including the procedure for retaking in the residency, are reflected in the "Regulations on residency", according to which if the discipline of the SA or FDS is not mastered by less than 50%, the resident re-acquires the discipline in the summer semester on a paid basis.

A student of the residency who has completed the training programme and completed the individual curriculum is allowed to the Final Assessment. The final assessment is carried out in accordance with the final results of training and includes two stages:

1) knowledge assessment (computer testing); 2) skills assessment.

If the results of the assessment of knowledge and skills under the programme are positive, the resident is issued with a residency certificate. Also, this data is the basis for issuing a specialist certificate. This provision is described in the educational programme 7R01123 "Pediatric Surgery".

According to the Regulation on the Independent Examination, teachers from other universities who have an academic degree, as well as employers – the most experienced specialists from among practitioners of health care who have the highest qualification category and who were not clinical mentors in the process of training residents, are attracted to the SA as members of the examination commission.

The appeal of the results of the assessment of residents is carried out in accordance with the Regulations on Residency. In case of disagreement with the assessment of the final attestation, the

resident has the right to appeal the assessment, the rules of appeal are described in the Regulations on the Conduct of the appeal.

Under the 7R01123 "Pediatric Surgery" programme, final certification was not yet available, only enrollment for 1 course in 2022 is planned.

To ensure the objectivity and transparency of the assessment process, the surgical unit has developed checklists for conducting current, milestone and final control of the discipline (Mini-ALL, OSCE). Also, the department carries out the formation of a portfolio by each resident individually, in which all the achievements of the resident during the period of study in the residency are recorded. The portfolio serves as a basis for forming the characteristics of a resident and obtaining recommendations for further employment. Portfolio evaluation is carried out according to checklists developed by the surgical unit staff.

The compliance of control and measuring instruments with teaching methods and the specifics of the curriculum is monitored by a committee of educational programmes (CEP), which includes experienced methodologists and expert testologists.

Residents pass testing on the Platonus electronic platform. All tests are reviewed prior to testing.

The results of students' academic achievements are recorded in the electronic educational journal through the office-recorder system and the AIS Platonus programme, which automatically generates examination sheets, which is confirmed by experts when viewing 2 electronic journals.

3.2 Relationship between evaluation and training

During the visit to the university, the EEC members confirmed that the methods of assessing residents are comparable with the methods of teaching and learning and cover the assessment of all the competencies of students both during practical classes and during examinations.

Differentiated assessment methods are used to assess different learning outcomes, so theoretical knowledge is mainly assessed by testing, and practical skills are assessed using assessment sheets for each section of the practical work.

During the conversation with residents in the specialty 7R01123 "Pediatric surgery" it was established that the achievement of the results of training stated in the EP is carried out due to a significant number of thematic patients and a large volume of surgical interventions on specialized clinical bases, as well as constant advice from a clinical mentor or teacher. Residents are provided with the necessary access to both the management of patients and participation in operations, manipulations, all types of medical documentation, participation in consultations and clinical debriefings with colleagues of related specialties, work in a multidisciplinary team.

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

Standard 3: Implemented

Recommendations for improvement identified during the external visit: none

Standard 4: STUDENTS

Evidence of compliance:

4.1 Admission and Selection Policy

During the visit, the EEC experts established that the Mission of the educational programme 7R01123 "Pediatric Surgery" corresponds to the Mission of the SCP&PS.

When visiting the scientific center, the experts of the EEC confirmed that the admission of residents to the SCP&PS will be carried out in accordance with the "Standard Rules for Admission to Education in the Organization of Education Implementing Educational Programmes of Postgraduate Education" approved by the Order of the Ministry of Education and Science of the Republic of Kazakhstan dated October 31, 2018 No. 600 with additions and amendments made on May 24, 2021 (No. 241) and the Regulations on the Admission of Students to Higher and Postgraduate Education in the SCP&PS of September 2, 2019, which is posted on the website of the scientific center and is available to all interested parties.

Ensuring a balance between the available capacity and opportunities for training and recruitment of residents is achieved by monitoring the availability of REP resources in preparation for the new academic year at SCP&PS. Every year in March-April, on the basis of a request from the Ministry of Health of the Republic of Kazakhstan, a request is formed for a certain number of places for each specialty of the residency in accordance with the applications of the state license, analysis of concluded contracts for clinical training, qualification of teaching staff, material and technical resources.

Also, experts of EEC confirmed that reception of residents will be carried out on a competitive basis on the results of entrance examinations by anonymous independent assessment. For admission to the residency, GPA in the internship and bachelor's degree, a summary assessment based on the results of two stages of the final state certification of the 7th year, as well as an entrance exam in a test format are taken into account.

The entrance examinations of resident venereal dermatologists are held in one stage. Examination questions for each specialty of the residency are posted on the website of university. Tickets are designed in 3 variants. The ticket with the set of questions is distributed randomly (randomly). The attendants randomize the tickets. When evaluating the applicant's response, the examiner uses a checklist for 5 or 10 steps. Additional points are 20 points for work experience in rural areas for a year or more (the supporting document is a work book) and the resident's portfolio (the Portfolio Regulation).

The selection of potential residents for training in the programme 7R01123 "Pediatric surgery" is made from among graduates who have completed an internship, have a high level of understanding of biomedical sciences, achieved at the undergraduate level.

4.2 Number of residents

Experts of the EEC confirmed that the SCP&PS complies with the established by the Order of the Ministry of Education and Science of the Republic of Kazakhstan dated October 31, 2018 No. 606. and paragraph 8 of Article 52 of the Law of the Republic of Kazakhstan dated July 27, 2007 "On Education", the number of residents for each specialty per teacher is 1:3. The authorized body – the Ministry of Health of the Republic of Kazakhstan – makes adjustments to the figures of admission.

Enrollment of residents in the specialty 7R01123 "Pediatric surgery" for the first time will be carried out for the 2022-2023 academic year.

During the conversation of the EEC experts with representatives of the AMP, it was confirmed that data on the demand for personnel are provided to the scientific center by the Regional Health Department and the Department of Science and Human Resources of the Ministry of Health of the Republic of Kazakhstan, published on the website of the scientific center. The surgical unit, together with the EMC responsible for the specialty 7R01123 "Pediatric Surgery", analyzes the availability of the educational programme with teaching staff, including curators and mentors, clinical bases. At the end of the collection of applications, the data is processed and presented at a meeting of the EMC and the SC, at which the admission policy for the current year is approved.

The policy of recruitment and admission of residents from small groups of peoples, from among practitioners (doctors) from rural areas and special groups of the population (for example, persons with disabilities) complies with the norms and requirements adopted in the Republic of Kazakhstan.

The University has sufficient human resources, clinical base, resources for high-quality training of this number of residents.

Completion of the programme in accordance with the disciplines is carried out on the basis of the latest world recommendations, multicenter research data, advanced educational technologies are used. An important part of the educational process is the training of communication skills, patient safety standards to prevent unintentional incidents.

4.3 Resident support and advice

During the visit of the EEC experts, it was established that the SCP&PS created and provided safe conditions for the training of residents. To protect the interests of residents, assist them in

educational, scientific, and non-curricular activities, the SCP&PS provides various services for the organization of counselling, psychological, social, and medical support for students.

At the moment, there are no resident pediatric surgeons and do not need a dormitory.

EEC experts confirmed that the system of academic counseling of residents in the SCP&PS is represented by a surgical unit, resident supervisors and a psychologist. Residents have the opportunity to receive legal advice from the head of the legal support department. The resident can get psychological support from a regular teacher-psychologist.

All necessary consultations at certain stages of training of residents are organized by the teachers of the department, including those based on the results of monitoring the academic progress of residents, including unforeseen incidents. Academic and clinical mentors are particularly involved in this process.

The University finances the participation of students at all levels in scientific and practical conferences, congresses, symposia (confirmed from a conversation with the vice-rector for research, teachers, residents).

To form the clinical thinking of residents, clinical reviews of patients are carried out.

The SCP&PS of the TS of the surgical unit uses a variety of ways of disseminating information: the website of the scientific center, chats on the WhatsApp network, participation in briefings held by management, round tables with heads of medical institutions and organizations, exhibitions of achievements. All information received is brought to the attention of residents.

4.4 Representation of residents

EEC experts confirmed that residents participate in the meetings of collegial bodies where they are official members and express their opinions and proposals for improvement. A feedback analysis is carried out in the form of a survey of graduates of the residency and employers, on the basis of which the process of policy development and selection of residents in the specialties of the residency is improved.

The participation of residency students in the development of the residency programme is also carried out through the choice of elective disciplines. Residents have the right to make a proposal, to include in the catalogue of new elective disciplines, in their opinion, necessary for study and contributing to the improvement of the educational programme as a whole. Proposals submitted orally or in writing from residents are necessarily taken into account and taken into account.

When visiting the experts of the EEC scientific center, it was confirmed that the surgical unit collects feedback from residents at the stage of mastering the taught discipline (at the end of studying the discipline), as well as on issues related to training / work conditions, problem situations.

The EEC experts also confirmed that the participation of residents in the discussion of key issues of the quality of the educational process is regulated by their inclusion in the Scientific Council, the EMC and the surgical unit in accordance with the provisions on all the mentioned collegial bodies.

4.5 Working conditions

During the visit to the clinical base, the experts of the EEC established that residents have unrestricted access to patients, all types of medical equipment and to all departments of clinical bases. The department has an office for mastering theoretical knowledge by residents, there is a separate room for changing clothes, for eating, etc.

During the training, residents actively participate in consultations, medical conferences, pathoanatomical conferences, clinical debriefings, master classes, scientific and practical conferences.

In order to maintain the optimal balance of time spent by the resident on training and medical care, in the SCP&PS in accordance with the SCES of the resident's residence, the training day is 9 hours, 3 hours of which are allocated for classroom classes, 3 hours for IWRT, 3 hours for IWR. In connection with the Regulations on Residency, it is regulated to plan the study load of the resident based on this time; night and day duty, as well as other types of work are included in the specified study load. The duty of residents on a clinical basis is one of the types of independent work and is aimed at mastering the tasks of training. Shift planning is reflected in the discipline syllabus.

The experts of the Higher Attestation Commission also confirmed that the SCP&PS residency provides for a system of transferring study hours in disciplines completed by students before enrolling in the residency. In case of pregnancy, the resident is released from duty at the clinical base at night. Tuition on an individual schedule in the residency is allowed only if there are appropriate medical recommendations. Provided that the resident provides the relevant certificate by the decision of the EMC, he is provided with the opportunity to study according to an individual schedule.

Conclusions of the EEC on the criteria. Compliant with 30 standards: full – 30.

Standard 4: Implemented

Recommendations for improvement identified during the external visit: none

Standard 5: FACULTY

Evidence of compliance:

5.1 Recruitment and Selection Policy

EEC experts confirmed that the Programme for the Development of the Scientific Center was approved at the meeting of the Academic Council (Minutes No.7 dated October 28, 2019). According to the development programme of the SCP&PS, personnel policy is implemented taking into account the goals and objectives.

The Regulation on the personnel policy of the scientific center was approved on September 2, 2019, in accordance with which the policies and procedures for the recruitment and admission of teachers, managers and clinical mentors were determined. Recruitment takes into account the required experience and qualifications of the specialist, criteria of scientific, educational, pedagogical and clinical achievements are established.

During the conversation of the EEC experts with representatives of the management staff, it was established that the SCP&PS developed and approved the norms for the selection of teaching staff on a competitive basis "On approval of the Rules for competitive replacement of positions of teaching staff and researchers of higher educational institutions", Order of the Minister of Education and Science of the Republic of Kazakhstan dated 23.04.2015 No. 230.

According to the competitive substitution of the positions of the teaching staff, the composition of the competitive commission for the substitution and re-election of vacant positions of teaching staff has been approved. All information about the upcoming competition for vacancies is posted on the website of the SCP&PS. The scientific center takes into account the balance between teaching, scientific research. The developed job descriptions and regulations establish the responsibilities and duties of teachers and clinical mentors. When forming the staff of departments, the ratio of teachers and residents is taken into account, which is sufficient for effective teaching and learning.

Much attention is paid to the availability of candidates with the appropriate education, clinical experience, qualification category in the relevant specialty and discipline profile.

The personnel of the surgical unit involved in the training of residents is 1 full-time academic mentor and 1 clinical mentor, while 1 out of 2 teachers have an academic degree. The clinical mentor is an experienced professional in the field of pediatric surgery.

5.2 Teachers' obligations and development

In addition to educational and methodological work, all employees of the surgical unit perform a therapeutic load, in particular, the head of the surgical unit conducts 30 consultations every month, assistants supervise (treat) up to 20 patients with surgical pathology in children. The teaching staff, headed by the head of the department, conduct clinical conferences for doctors of the clinical base, conduct consultations and participate in consultations in other health care facilities, review the stories of deceased patients, give an expert opinion on lethal cases on the clinical base. This is reflected in the job descriptions of the head of the surgical unit and the teaching staff.

The faculty of the department actively participates in research work, performs research on an initiative basis.

All teachers of the department have a specialist certificate and admission to clinical practice.

The surgical unit has the results of systematic assessment of teachers' competence, assessment of teaching effectiveness.

The National Centre for Pedagogical Research and Development has developed a regulation on the advanced training of teaching staff, according to which teachers of the scientific center for 5 years undergo advanced training in educational, methodological and clinical areas. Monitoring of regular advanced training of teaching staff is carried out by the head of the surgical unit, as well as the personnel management department of the scientific center.

In order to stimulate the teaching staff of the SCP&PS, Scientific Results and Commitment, the Scientific Centre has introduced a KPI system and a rating of the research work of the teaching staff.

The employees of the department have publications in foreign and domestic scientific publications, introduce the results of scientific research into the educational process.

In addition to the full-time staff of the surgical unit, highly qualified specialists from leading organizations and clinics are involved in teaching residents.

The workload for all types of activities is evenly distributed among teachers, observing the principle of the trinity of education, science and practice. The volume of teaching load in the residency is 650 hours, for head teachers - 600 hours, for the head of the department – 500 hours.

Periodic assessment of teachers is carried out in accordance with the Regulation on the certification of the SCP&PS employees (July 25, 2019).

The assessment and recognition of worthy academic activities of teachers, managers and mentors is carried out through awarding in accordance with the Regulation on awards adopted in the scientific center, awarding employees (for holidays and anniversaries), KPI and research work (R&D rating).

During the conversation with the clinical mentors of the experts of the EEC, it was confirmed that the mentors are trained at the school of the clinical mentor in accordance with the established procedure on the basis of an appeal from the head of the department and the applicant for mentors.

According to the developed Regulation on the conduct of advanced training, seminars and training modules in additional education of the SCP&PS dated July 25, 2019, the teaching staff undergo advanced training once every 5 years in order to update and deepen theoretical knowledge, improve practical skills in clinical specialties.

EEC experts confirmed that the motivational tool for teachers and employees is the annual rating of incentives and motivation of employees, which is revised taking into account new requirements and opportunities, is in constant dynamics.

In order to continuously improve the new model of teaching specialized disciplines, teaching staff of pedagogical technologies used in the global educational environment is constantly being taught at the SCP&PS.

The Research Centre provides an opportunity for teachers to improve their language competencies by inviting them to study in English language courses.

Experts of EEC confirmed that teachers of the department together with residents take part in international peer-reviewed journals, participate in international conferences and publish the results of ongoing research.

Conclusions of the EEC on the criteria. Compliant with 7 standards: full – 7.

Standard 5: Implemented

Recommendations for improvement identified during the external visit: none

Standard 6: EDUCATIONAL RESOURCES

Evidence of compliance:

6.1 Logistics and equipment

For the implementation of the programme 7R01123 "Pediatric Surgery" there is a sufficient material and technical base, as well as clinical bases. The main clinical base is the SCP&PS clinic. The SCP&PS clinic is deployed in 285 beds, where diagnosis and treatment of diseases are carried out in

children from all regions of the Republic of Kazakhstan, including a unit of surgery with surgical departments No.1 and No.2, a unit of pediatric hematology/oncology, consisting of four departments of oncology and hematology, a department of hematopoietic stem cell transplantation, a department of urology, an operating unit, an intensive care unit.

The safety of the training environment is ensured by the security service. The safety engineer constantly conducts safety briefings, there is a "Journal of familiarization with the instructions" for working with equipment, dummies and imitations.

The SCP&PS has a scientific and medical library with a reading room. The total area of the library is 50 sq.m., including the area of book preservation - 30 sq.m., and the reading room – 35.4 sq.m., the number of seats in the reading room – 15.

The book fund includes 1,710 books, 548 of which are in the state language, 509 books in Russian and 653 books in English. Total number of textbooks: 138, scientific literature: 423, periodicals: 7,915, electronic publications: 115 in three languages.

Over the past 5 years, the library's book fund has been replenished with 616 books totaling 4,475,057.45 tenge, and 674 magazines. The library's collection contains 378 dissertations, including 23 in electronic format and 2,116 abstracts.

Readers of the SCP&PS library have access to electronic databases: Springer, MEDLINE, Complete, Pubmed, BMJ.

The scientific library is equipped with 4 computers, 1 laptop, 1 video projector, 2 screens, duplicating and copying equipment. Every year, the Scientific Library fund is updated by 5-10%, according to applications for the purchase of literature received from residents and faculty members.

6.2 Clinical Bases

For the implementation of the programme 7R01123 "Pediatric Surgery" there is a sufficient material and technical base, as well as clinical bases. The main clinical base is the SCP&PS clinic. The SCP&PS clinic is deployed in 285 beds, where diagnosis and treatment of diseases are carried out in children from all regions of the Republic of Kazakhstan, including a unit of surgery with surgical departments No.1 and No.2, a unit of pediatric hematology/oncology, consisting of four departments of oncology and hematology, a department of hematopoietic stem cell transplantation, a department of urology, an operating unit, an intensive care unit. The paraclinical service is represented by a clinical diagnostic laboratory, a department of functional diagnostics and physiotherapy, an endoscopy sector, a department of radiation diagnostics, a laboratory of apheresis and control of hematopoietic stem cells with a department of clinical transfusion. There is a day hospital serving children with surgical, oncological and hematological and some rare diseases. There is also a paid advisory and diagnostic department and a paid in-patient department.

The Clinical and Diagnostic Laboratory (hereinafter – CDL) of the SCP&PS has a hematological, biochemical, immunological, cytogenetic, histological and bacteriological laboratory. The total area of the laboratory unit is 990.4 sq. m. All modern methods of diagnostics of surgical diseases, autoimmune and other diseases of childhood age are carried out here. Scientific and technical programmes, including research by young scientists, are also carried out on the basis of CDL.

Clinical bases of the SCP&PS are CCH No.2 and City Polyclinic No.7.

Provision of modern equipment, tools, laboratory equipment for residents - pediatric surgeons to a sufficient extent. Control of serviceability, support in working condition is carried out by the services of the SCP&PS, in which specialized, planned and emergency medical care is provided to children with a surgical pathology.

6.3 Information technology

The training of residents takes place in person, the elements of the distance learning method are used in webinars, some lectures and in participation in conferences.

Unlimited access to the Internet is provided on the territory of the university, its clinical bases and directly in the study rooms of the department, for free use of the necessary web resources and electronic media. Through the University Library, residents have permanent access to electronic databases (Cochrane.org, Elsevier, full-text Pubmed, Wiley Library, UpToDate) when searching for

up-to-date data, especially when performing scientific work.

When training, working on clinical bases, residents have access to the information systems of medical organizations: KMIS, Medelement (through the password of the head of the department or the clinical mentor), filling in medical documentation, appointment sheets, etc., under the control of their clinical mentor.

Teachers of the department contact residents of all years of study through the created working chats in WhatsApp, to solve both working and personal (social) issues.

6.4 Clinical Teams

Every day, resident cardiac surgeons participate in joint rounds with the professor, consultations, consulting other specialized departments. Residents themselves also hold seminars on topical problems of clinical medicine, where the students are both students at all levels, as well as healthcare and teaching staff.

In the process of training, residents, in addition to working in specialized departments, receive patients in the admission department, where they interact with colleagues of other profiles. Together with clinical mentors, they conduct consultations with patients in other departments of hospitals, where it is necessary to agree on patient management tactics with colleagues.

6.5 Medical Research and Advances

In the surgical unit, research work is carried out within the framework of initiative projects. The study of clinical cases of patients, medical records, literature data, work in the library made it possible to draw up data in the form of abstracts and articles in republican and international sources.

All resident pediatric surgeons will be involved in research work within the framework of initiative projects.

According to the schedule, once a week from 16.00 to 18.00 hours in the above disciplines, residents analyze their data using various methods of statistical processing under the guidance of a teacher. Some stages of clinical studies will be carried out by residents themselves.

6.6 Education expertise

The basis of the educational programme 7R01123 "Pediatric Surgery" is the SCES of 2020. The Residence Supervisor draws up an educational programme, which, after discussion at the surgical profile meeting, is transferred to the EMC of SCP&PS for evaluation and examination. After agreement with the Deputy Chairperson of the Board of the National Centre for Pedagogical Research and Development for Science and Education, the programme is entered into the Register of EP of the Ministry of Education and Science of the Republic of Kazakhstan, where after an independent external examination, the programme is applied in the educational process.

Monitoring of the implementation of the EP of the residency programmes in the SCP&PS should be carried out on the basis of the principle of collective solidarity of all stakeholders: the surgical unit, the EMC, the SC, residents, representatives of practical health care, potential employers and the Ministry of Health of the Republic of Kazakhstan, but the SCP&PS has not developed the criteria for evaluating the educational programme in the specialty of the residency "Pediatric Surgery" and its expertise at all stages.

Feedback from residents is carried out through the Department of Science and Education to determine the degree of satisfaction with the content of the educational programme and the organization of the educational process, which are carried out in the form of questionnaires, focus groups, constant monitoring of appeals to the blog of the Department of Science and Education, the Deputy Chairperson of the Board for Science and Education, the Chairperson of the Board. In addition, the Department of Science and Education collects feedback from residency graduates and their employers.

The Academic Committee annually organizes events to improve the educational programmes of the residency: forms working groups, on expert evaluation, working curricula, methods of training and evaluation in the residency, development and monitoring of the resident portfolio, examination of the catalog of elective disciplines, planning of measures to improve the content and the process of implementing the educational programme. Profiling departments update the content of curricula in

accordance with the development of medical science and education. This process should be documented in the case of the introduction of innovative teaching methods in the educational process, for subsequent monitoring during implementation at specialized departments.

The faculty will study the results of the implementation of the updated educational programme on the basis of an analysis of the success of its graduates according to an independent examination and feedback from employers.

6.7 Training in other institutions

The mechanism for the implementation of the academic mobility programme for teaching staff and residents was developed and approved in the "Regulation on the conduct of advanced training, seminars and training modules in additional education" (No. 5 of July 25, 2019), including the Regulation "On the organization of academic mobility within the framework of the Kazakhstan credit recounting system", to facilitate the procedure for academic recognition of diplomas and qualifications, ensuring the transparency of educational programmes and curricula.

The search for a partner university, the development of an academic mobility programme, organizational issues of education and accommodation is carried out by a specialist in the department of science and education.

The foreign partner of the SCP&PS - National Centre for Pediatric Hematology, Oncology and Immunology is the National Medical Research Center for Pediatric Hematology, Oncology and Immunology (Russia).

Conclusions of the EEC on the criteria. Compliant with 21 standards: fully -19, partially - 2.

Standard 6: Implemented

Recommendations for improvement identified during the external visit: none

1. Develop criteria for evaluating the educational programme in the specialty of the residency "Pediatric Surgery" to ensure its examination at all stages of implementation (clause 6.6.1).

2. Develop joint educational programmes in the specialty of the residency "Pediatric Surgery" with a partner university. (clause 6.7.4.).

Standard 7: PROGRAMME EVALUATION

Evidence of compliance:

7.1 Monitoring and evaluation mechanisms

Having analyzed the educational programme 7R01123 "Pediatric Surgery", the experts of the ECAQA established that the monitoring of educational programmes in the SCP&PS is carried out in several directions. The first is the monitoring of residents' performance. Since September 2019, the Platonus programme for residents has been introduced in the SCP&PS. This platform allows you to assess, monitor the performance of students, analyze the quality of training.

The EMC organizes activities to improve the educational programmes of the residency: forms working groups on the examination of the MEP (Modular Educational Programme), all syllabuses of the residency disciplines, teaching and evaluation methods, planning activities to improve the content and process of implementing the educational programme.

Since 2019, all educational programmes are reviewed by an external expert in the process of entering the programme in the register of EP.

The implementation of the programme is controlled not only by the specialized unit, but also by the EMC and supervising the deputy of the board for science and education. The tools for evaluating this process are visits to profiling blocks and clinical bases by representatives of the Department of Science and Education, collection and analysis of feedback from stakeholders, analysis of the achievements of residents and their progress.

7.2 Feedback from teachers and residents

Regular feedback is carried out:

- from students (oral, questionnaire, etc.) – examinations – for satisfaction with the quality of teaching, mastering practical skills;

- during the test examination - analysis of validity tests (selection of too complex and too light tests);
- with a practical mini-clinical exam - what was good, what needed to be improved;
- at the department level through analysis of the results of the session on the discipline, analysis of employers' feedback, SWOT analysis in the annual report of the department.

Assessment of the effectiveness of the EP based on systematic study of feedback from students, employers and teachers is automated and includes the following questionnaires: "TS through the eyes of residents", "Satisfaction with the discipline in the residence". Questionnaires are automatically sent to each student personally when a final report is generated.

The results of the feedback are voiced at the meetings of the departments, the Academic Council and the CEP of the PGE, published on the university's website in the "Feedback" section, so that all interested parties have the opportunity to get acquainted with it. The Department of Science and Education carries out work on collecting feedback from residents to determine the level of satisfaction of residents with the content of the educational programme, the organization of the educational process in the form of questionnaires, focus groups, monitoring of appeals to the department's blog. An important role in the evaluation of the educational programme is played by monitoring the achievement by residents of the final learning goals. Therefore, the Department of Science and Education collects feedback from residency graduates and their employers.

Feedback analysis is provided for discussion at meetings of departments, the Committee of educational programmes and the Academic Council, which include teachers, residents and members of the Employers' Council. During these meetings, plans are being developed to further improve the quality of graduate training.

The university has identified and used feedback mechanisms, as well as tools for training a medical specialist through continuous communication with medical practice and the health care system. As such tools, feedback from employers on the level of training of graduates, carried out in the form of a questionnaire, is used. The developed questionnaire allows to determine the level of satisfaction of the employer with the competencies of the graduate, professional, special and extra functional (mobility, sociability, teamwork skills, leadership skills, analytical abilities, etc.), to identify areas for improvement in the training of specialists. In this case, the educational trajectory of the graduate is taken into account.

7.3 Results of Residents and Graduates

An important role in the evaluation of the educational programme is played by the results of the final certification of residents carried out at the testing stage by the National Center for Independent Examination, as well as the results of certification examinations conducted by the Committee for Control of Medical and Pharmaceutical Activities of the Ministry of Health and Social Development of the Republic of Kazakhstan.

In the specialty 7R01123 "Pediatric surgery", the final state certification of residents was not carried out, since 1 set is planned for the 2022-2023 academic year. However, the curriculum provides for the passing of the FSA after completing 3 years of study. The FSA will be conducted in 2 stages: determination of the level of theoretical training in disciplines in the form of testing; certification of practical skills with a standardized patient.

7.4 Stakeholder Engagement

At SCP&PS, due representation of stakeholders in the assessment of the processes and final results of resident training programmes is observed. For example, the EMC of postgraduate and additional education includes heads of blocks, professors, associate professors, teachers providing the educational process in the relevant specialty, leading specialists in practical health care, employers, representatives of the contingent of students. The composition of the EMC is approved by the director of the board of the SCP&PS.

Representatives of practical health care, employers are obligatory members of the examination commission of the state certification of graduates. Representatives of practical health care, who have extensive experience, are part-time employees on the blocks, which also makes it possible for other

stakeholders to participate in the implementation of the educational programme 7R01123 "Pediatric Surgery".

Stakeholders' access to the results of the evaluation of educational programmes is ensured by publishing relevant analytical references and feedback analysis on the website of SCP&PS. In addition, the feedback results are discussed at the meetings of the Scientific Council of the SCP&PS, which includes representatives of all interested parties, as well as at the meetings of the profiling blocks.

7.5 Procedure for Approval of Educational Programmes

The educational programme in the specialty 7R01123 "Pediatric Surgery", developed in accordance with the SCES and the Standard Curriculum for this specialty, was approved by the SC through the voting procedure. After all the necessary conditions are met, it is entered in the register of educational programmes.

The Department of Science and Education will conduct a scheduled tour of the clinical bases at the beginning of the school year. Meetings are held with residents, where they can express an opinion on the equipment of the clinical base, the quality of classes, the organization of examinations, etc. Such meetings will be held with the Chairperson of the Board – Director, Deputy Chairperson of the Board for Science and Education and the head of the surgical unit.

Conclusions of the EEC on the criteria. Compliant with 15 standards: fully - 14, partially - 1, non-compliant - 0

Standard 7: Implemented

Recommendations for improvement identified during the external visit:

1) To ensure the monitoring of innovative teaching methods to improve the quality of the educational programme in the specialty of residency "Pediatric Surgery". (clause 7.1.5.)

Standard 8: GOVERNANCE AND ADMINISTRATION

Evidence of compliance:

8.1 Management

The guarantee of the implementation of the 7R01123 "Pediatric surgery" educational programme is its strict compliance with the requirements of regulatory rules regarding the admission of residents (selection criteria and number), the learning process, assessment of knowledge and skills, established learning outcomes, programme management, which are regulated in the Republic of Kazakhstan by regulatory legal acts of the Ministry of Health of the Republic of Kazakhstan and the Ministry of Education and Science of the Republic of Kazakhstan. Internal documents of the university are developed on the basis of republican normative acts.

The process of training, assessment of knowledge and skills is regulated by the Regulations on the Department of Science and Education of the National Centre for Research and Development dated September 2, 2019, which was developed on the basis of the Law of the Republic of Kazakhstan dated July 27, 2007 No. 319-III "On Education", Order of the Ministry of Health of the Republic of Kazakhstan dated September 18, 2018 No. KR DSM-16 "On Approval of the Rules for the Training of Medical Personnel in Internships and the Rules for the Training of Medical Personnel in Residence", the State Mandatory Standard for Medical Specialties, approved by the Order of the Acting Minister of Health and Social Development of the Republic of Kazakhstan dated July 31, 2015 No. 647 "On Approval of State Mandatory Standards and Standard Professional Curricula for Medical and Pharmaceutical Specialties, Order of the Ministry of Education and Science of the Republic of Kazakhstan dated October 31, 2018 No. 600 "On Approval of Standard Rules for Admission to Education Organizations Implementing Educational Programmes of Higher and Postgraduate Education ", Appendix No.1 to the Order of the Ministry of Education and Science of the Republic of Kazakhstan dated January 20, 2015. Rules for the Provision of State Services "Translation and Restoration of Students by Types of Educational Organizations ", Resolution of the Government of the Republic of Kazakhstan dated February 7, 2008 No. 116 "On Approval of the Rules for the

Appointment, Payment and Amount of State Scholarships to Students in Educational Organizations, Order of the Ministry of Education and Science of the Republic of Kazakhstan dated October 30, 2018 No. 595 "On approval of the Standard Rules for the Activities of Educational Organizations of Appropriate Types", as well as the Standard Rules for Conducting Current Performance Monitoring, Interim and Final Certification of Students in Higher Educational Institutions".

In the surgical unit for training in the conditions of the clinic, residents are attached to experienced clinical mentors with an academic degree, who are doctors of the highest category in this specialty. SCP&PS" constantly monitors the quality of classroom classes, the work of residents with patients, as well as monitors the independent work of the resident. The Department of Science and Education constantly monitors the readiness for the educational process, the equipment of the clinical base, visiting residents, etc.

All key decisions are made through the Scientific Council of the SCP&PS, which are also published on the official website of the scientific center.

8.2 Academic Leadership

General management of the residency and general control over the implementation of the 7R01123 "Pediatric Surgery" programme is carried out by the Deputy Chairperson of the Board for Science and Education of the National Centre for Pediatric Surgery. The educational and methodological council is the structural unit responsible for the implementation and effectiveness of the residency's educational programmes.

Control and monitoring of planning, organization of coordination, provision of the educational process, introduction of innovations in the EP, educational and methodological activities of departments in the SCP&PS is carried out by the EMC, which works under the direct supervision of the Deputy Chairperson of the Board for Science and Education.

The work on the organization and monitoring of the postgraduate level of study at the university is carried out by the School of Postgraduate Education (SPE), which coordinates the organization of the educational process: the schedule, the appointment of a curator, the choice of a clinical base, the formation of an individual work curriculum, enrollment in elective disciplines, sending to a conference, participation in competitions, solving issues of academic mobility of employment.

A great deal of organizational and methodological work is carried out by the Educational and Methodological Council, where the compliance of teaching methods with control methods and final learning results formed in syllabuses, methods of final control are checked and approved: OSCE and OSPE.

The regulatory role of the collegial bodies of the SCP&PS – the EMC and the Academic Council is also important and relevant. Thus, the results of the final certification of graduates are regularly discussed at the Academic Council of SCP&PS. The chairpersons of the State Attestation Commissions conduct a report with an analysis of the average score, make recommendations for improving both the educational process as a whole and the final attestation procedure itself.

The main educational, educational-methodical, scientific-clinical load on the undergraduate training of students – residents is implemented by specialized departments

8.3 Training budget and resource allocation

The programme "7R01123 "Pediatric Surgery" will be financed from the republican budget. In addition, there is a possibility of training at the expense of own funds, targeted training at the expense of medical organizations, and a grant from regional akims. Funds allocated for the training of residents are spent on the purchase of necessary equipment on a competitive basis, library resources, payment for information resources and other items of expenditure established by regulatory legal acts.

The Department of Economics and Finance clearly regulates all financial revenues for the introduction and implementation of the resident training programme. Educational resources are allocated according to needs.

The university manages the budget of the residency educational programme on the principles of transparency, accountability, objectivity and legality. The University fulfills all obligations to pay

employees and scholarships of residents, to create the necessary conditions at the bases, to purchase the necessary equipment, consumables, and other resources. Thus, the necessary assistance for practical health care from the scientific center is maintained.

8.4 Administration and Management

The academic leader of the effective management and allocation of resources for the educational programmes implemented in the SCP&PS is the Deputy Chairperson of the Board for Science and Education.

The overall management of the university is carried out through collegiate bodies, which include representatives of the TS, employers, and other stakeholders, which ensures their participation in all areas of the university's activities. The collegial bodies are: the Academic Council, the Educational and Methodological Council, the Clinical Council, the Public Council on Anti-Corruption, the Trade Union Committee of the CEP, employees and students.

An integrated management system has been implemented in the university for many years. Currently, this is done by the Department of Strategic Development and Quality Management System. On an ongoing basis, employees of this department conduct training for employees of the university and various audits. In addition, there is an internal audit service, the task of which is to check the quality of clinical and educational work of departments.

8.5 Requirements and regulations

The Scientific Center determines and approves the educational programme 7R01123 "Pediatric Surgery" in accordance with the State Standard of the Ministry of Health of the Republic of Kazakhstan No.647 dated February 21, 2020. The programme is approved in close cooperation with all stakeholders. The university's governance system involves all stakeholders, including the health sector, and reflects the responsibility of academic leadership. Representatives of practical health care, employers are obligatory members of the examination commission of the state certification of graduates. Doctors with extensive work experience are part-time employees in the departments of senior courses, which also makes it possible for other stakeholders to participate in the implementation of the university curriculum. Chief physicians of clinical bases are officially included in the composition of the SC, AC, CEP.

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

Standard 8: Implemented

Recommendations for improvement identified during the external visit:

Standard 9: CONTINUOUS RENEWAL

Evidence of compliance:

AC and CS monitor the quality of the formation of final results, the compliance of teaching methods with control methods, the compliance of training results with constantly changing labor market requirements. Educational programme 7R01123 "Pediatric Surgery" meets professional requirements, contributes to the formation of social and professional competencies.

The results of continuous monitoring and periodic evaluation of educational programmes are discussed at the SC, brought to the attention of the faculty, students and all interested parties in the form of meetings, seminars, etc.

It is planned to revise the EP in the conditions of new requirements from the Ministry of Health of the Republic of Kazakhstan, employers, SC, residents, periodic meetings with the rector in the areas of activity, heads of structural units; surveying residents in order to determine the level of quality of educational services and consumer satisfaction. Based on the feedback, the structure of programme 7R01123 "Pediatric Surgery" will be changed.

Curriculum work plans will be reviewed and updated once a year, at the end of the school year, and approved for the next school year. All syllabuses and Teaching and methodological complexes of disciplines are processed in accordance with changes in standard curricula and standard work programmes of specialties.

Conclusions of the EEC on the criteria. Compliant with 4 standards: fully - 4.
Standard 9: Implemented
Recommendations for improvement identified during the external visit: none

6. Recommendations for improving the educational programme "Pediatric Surgery":

1. Develop criteria for evaluating the educational programme in the specialty of the residency "Pediatric Surgery" to ensure its examination at all stages of implementation (clause 6.6.1).

2. Develop joint educational programmes in the specialty of the residency "Pediatric Surgery" with a partner university. (clause 6.7.4.).

To ensure the monitoring of innovative teaching methods to improve the quality of the educational programme in the specialty of residency "Pediatric Surgery". (clause 7.1.5.)

7. Recommendation to the ECAQA Accreditation Council

The members of the EEC came to a unanimous opinion to recommend to the Accreditation Council to accredit the educational programme 7R01123 "Pediatric Surgery" of JSC "Scientific Center of Pediatrics and Pediatric Surgery", corresponding to the Standards of accreditation of educational residency programmes of medical educational organizations for a period of 5 years

Chairperson of the External Expert Commission

Zhanalina Bakhyt Sekerbekova

Foreign expert

Lazareva Elena Pavlovna

National Academic Expert

Tukbekova Bibigul Toleubaevna

National Academic Expert

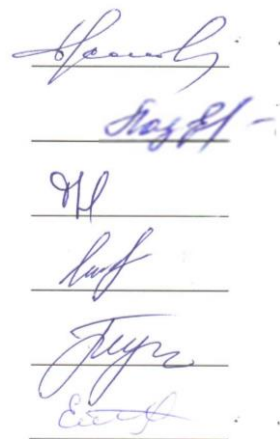
Kabildina Nailya Amirbekovna

Expert - representative of employers

Tulendieva Asel Tayaubaevna

Expert - representative of residents

Yesengali Nazerke



The image shows five handwritten signatures in blue ink, each written over a horizontal line. The signatures are arranged vertically and correspond to the list of names on the left. The first signature is the most legible, appearing to be 'Zhanalina Bakhyt Sekerbekova'. The other signatures are more stylized and difficult to read.

**Quality profile and criteria for external evaluation of the educational programme
(generalization)
7R01123 Pediatric Surgery (Summary)**

Standard	Evaluation Criteria	Number of standards	Evaluation		
			Fully compliant	Partially compliant	Not compliant
1	MISSION AND END OUTCOMES	17	17		
2	EDUCATIONAL PROGRAMME	30	30		
3	ASSESSMENT OF STUDENTS	11	11		
4	STUDENTS	30	30		
5	FACULTY	7	7		
6	EDUCATIONAL RESOURCES	21	19	2	
7	PROGRAMME EVALUATION	15	14	1	
8	GOVERNANCE AND ADMINISTRATION	15	15		
9	CONTINUOUS RENEWAL	4	4		
	Subtotal:	150	147	3	
			150		

Attachment 2.**The list of documents studied by the members of the EEC as part of the specialized accreditation of the "Pediatric Surgery" residency programme**

№	Names of documents	Quantity	Date of approval
1	Articles of Association	1	Order of the Acting Chairperson of the State Property and Privatization Committee of the MF RoK No.737 dated July 25, 2018
2	Organizational structure of the center	1	By the decision of the Board of Directors No.12 dated December 23, 2021.
3	Regulations on the Academic Council	1	SC No. 5 dated September 18, 2019 At the Board Meeting No.7 dated 28.10.2019.
4	Regulations on the Department of Science and Education	1	Dated 02.09.2019
5	Minutes of approval of the main methodological materials on STP	6	SC No. 2 dated March 14, 2018, SC No. 3 dated May 11, 2018 SC No. 7 dated 05.11.2018 SC No. 1 dated March 12, 2019 SC No. 2 dated 29.03.2019 SC No. 5 dated September 18, 2019
6	Protocol that attests to the approval of the mission and educational programmes	1	No.4 dated 22.08.2019.
7	Regulations on conducting advanced training, seminars and training modules in additional education	1	No. 5 dated 25.07.2019
8	Approval of the educational programme	3	Minutes of the meeting of the Academic Council No.6 dated October 11, 2021
9	Approval of the mission of the educational activities of the SCP&PS	3 (in Kazakh, Russian, English)	Minutes of the meeting of the Academic Council No.2 dated 19.05.2022
10	Memorandums with foreign organizations	9	Russian Federation, Moscow – June 2012 USA, Tennessee 25.11.2019 Czech Republic, Prague 12.10.2017 Russian Federation, Moscow 9.10.2017 Republic of Belarus, Minsk – 2017 Republic of Korea, Puchon 2014 Uzbekistan – November 2019 Uzbekistan – November 2019 Ukraine - May 2021
11	Resident Portfolio	4	Folder 2020-2021
12	Resident scientific work	1 Folder	Folder 2020-2021
13	TS documents (portfolio)	14	Folder 2017-2021
14	test tools – tests, situational tasks,	3 Folders	No.2 dated 19.05.2022

	examination cards, syllabuses		EMC No. 1 dated May 16, 2022
15	Testimonials for CMS	10	2020, 2021, 2022
16	Reviews on EP	9	2022
17	Catalog of elective disciplines	for 3 specialties	dated 30.07.2020 No.2 dated 19.05.2022
18	SOP FSA, Credit Recalculation, Current Control, Interim and Final Certification	4	No. 2 dated 27.05.2020, No. 3 dated 04.06.2020, No. 3 dated 06.05.2021 No.2 dated 19.05.2022
19	Questionnaires and results of a survey of employers and students on the modification of educational programmes and satisfaction with the educational process	2 Folders	No.6 dated 11.10.2021
20	Code of Honor of the faculty	1	No. 3 dated 25.07.2019
21	Code of Student Honor	1	No. 3 dated 25.07.2019

Attachment 3.

Visit PROGRAMME of the External Expert Commission (EEC) of the «Eurasian Center for Accreditation and Quality Assurance in Higher Education and Health Care" (ECAQA) of JSC "Scientific Center for Pediatrics and Pediatric Surgery" (SCP&PS) within the framework of specialized (residency programme) accreditation

address: 146 Al-Farabi Ave., Almaty

external evaluation dates: 15 June – 17 June 2022

Time (s)	ACTIVITY	REMARK:
14.06.22	Arrival of EEC members	
Day 1 – 15.06.2022 (Wednesday)		
8:45 AM	Gathering of EEC members in the SCP&PS (Almaty, str. Al-Farabi 146). Venue – new building, 1st floor, small conference hall.	Transport, meeting and escort
9:00-9:20 (20')	Meeting of the EEC members: discussion of the goals, objectives of the external examination, the programme and schedule of the visit to the SCP&PS. Distribution of responsibilities among the members of the EEC. Connect to the zoom conference https://us04web.zoom.us/j/6627585840?pwd=cjdkVFJpcTVsOFhTUTRiZlRPMTREUT09 Conference ID: 662 758 5840. Access code: 123456	Small conference hall, new building
09:20-09:50 (30')	Meeting with the management of the SCP&PS Acting Chairperson of the Board, Candidate of Medical Sciences Manzhuova Lyazzat Nurbapaevna Deputy Chairperson of the Board for Strategic Development Tashenov M.B. Head of Science and Education, PhD Bazarbayeva A.A.	Ibid. <i>Standards 1,8,9</i>

	<p>Head of the pediatric unit, Candidate of Medical Sciences Abdilova G.K.</p> <p>Head of the surgical unit c.m.s. Khairov K.E.</p> <p>Scientific Secretary, Candidate of Medical Sciences Shakhmetova K.S.</p> <p><u>The content of the meeting:</u> introduction of the EEC members, familiarization with the objectives of the visit, interviews with the management of the SCP&PS on the issues of the strategy for the development of postgraduate education, the mission of the center and educational programmes, involvement in the development of stakeholders, assessment of health care needs for personnel in accredited specialties, international cooperation.</p> <p>Connect to the zoom conference https://us04web.zoom.us/j/6627585840?pwd=cjdkVFJpcTVsOFhTUTRtZlRPMTREUT09 Conference ID: 662 758 5840. Access code: 123456</p>	
09:50-10:40 (50')	<p>Meeting with the Head of Science and Education Bazarbayeva A.A., Scientific Secretary Shakhmetova K.S., Methodists Ryskeldieva G.S. and Osmanova M.T.</p> <p><u>Content of the meeting:</u> Presentation of the educational activities of the SCP&PS. Interview with employees responsible for educational programmes, formation of state order by specialty, admission and recruitment of students (residents); Functions of the department (Regulation). Nomenclature of cases. Resident Assessment Policy (Academic Policy). Resource endowment. Competencies of residents, assessment of residents, employment of graduates, planning, development, approval and monitoring of the quality of educational programmes, educational and methodological documentation.</p> <p>Connect to the zoom conference https://us04web.zoom.us/j/6627585840?pwd=cjdkVFJpcTVsOFhTUTRtZlRPMTREUT09 Conference ID: 662 758 5840. Access code: 123456</p>	<p>Ibid.</p> <p><i>Standards 2,3,4,7,9</i></p>
10:45-11:30 (45')	<p>Meeting with leading researcher Professor K. O. Omarova, chief researchers M. N. Sharipova, P. K. Ishuova, MD, Head of Science and Education A. A. Bazarbayeva, Scientific Secretary K. S. Shakhmetova</p> <p><u>The content of the meeting:</u> the scientific directions of the SCP&PS, the integration of science and education, the system of motivation and participation in the research of teachers, the effectiveness of research, ensuring the implementation of research by residents.</p> <p>Connect to the zoom conference https://us04web.zoom.us/j/6627585840?pwd=cjdkVFJpcTVsOFhTUTRtZlRPMTREUT09 Conference ID: 662 758 5840. Access code: 123456</p>	<p>Ibid.</p> <p><i>Standards 1,4,5,6,7,8</i></p>
11:35-13:00	<p>Visit to the resident training base (oncohematology, pediatrics, pediatric surgery)</p> <p>Head of the Pediatric Unit, Candidate of Medical Sciences G.K. Abdilova, Head of the Surgical Unit, Candidate of Medical Sciences K.K. Khairov, Head of Science and Education, Candidate of Medical Sciences A.A. Bazarbayeva</p> <p>The content of the meeting: provision of resources for clinical practice and work of residents and students of NPR programmes, cooperation with third-party clinical bases, joint events, mentoring in residency, representation of residents.</p> <p>Connect to the zoom conference https://us04web.zoom.us/j/6627585840?pwd=cjdkVFJpcTVsOFhTUTRtZlRPMTREUT09 Conference ID: 662 758 5840. Access code: 123456</p>	<p>Departments , CDL, X-ray diagnostics, library</p> <p><i>Standards 1,2,6,9</i></p>
13:00-14:00	Lunch break	
14.00 –	Interviews with residency graduates.	Small conference

14.40 (40')	Sadykov Daniyar, Ramazanova Kuralay, Pak Anara, Iminzhinov Ruslan, Rakhimzyanova Alina, Dogomanova Ainur. Connect to the zoom conference https://us04web.zoom.us/j/6627585840?pwd=cjdkVFJpcTVsOFhTUTRtZ1RPMTREUT09 Conference ID: 662 758 5840. Access code: 123456	hall, new building <i>Standards</i> 4,7,9
14.45 – 15.25 (40')	Interviews with residents. Residents - Kakharova Nargiz, Batyrbayeva Daria, Darkhanov Aidos, Nurtleuova Ayaulym. Connect to the zoom conference https://us04web.zoom.us/j/6627585840?pwd=cjdkVFJpcTVsOFhTUTRtZ1RPMTREUT09 Conference ID: 662 758 5840. Access code: 123456	Ibid. <i>Standards</i> 3,4,7
15.30 – 16.10 (40')	Interviews with Resident Teachers/Mentors <u>The content of the meeting:</u> the mission and values of the organization, the contribution of teachers and mentors, the provision of resources for clinical practice and the work of residents, mentoring in the residency (Regulations, lists), the representation of residents in advisory bodies. Omarova K.O., Sharipova M.N., Ishuova P.K., Bazarbayeva A.A., Abdilova G.K., Zhumadullaev B.M., Sarsenbaeva G.I., Aktarov K.M., Bulabaeva G.E., Pankova O.S. Responsible person: <i>Shakhmetova K.S.</i> Connect to the zoom conference https://us04web.zoom.us/j/6627585840?pwd=cjdkVFJpcTVsOFhTUTRtZ1RPMTREUT09 Conference ID: 662 758 5840. Access code: 123456	Ibid. <i>Standards</i> 5,6,7,9
16:15- 16:55 (40')	Interviews with employers of residency graduates (online). Asanova N.U., Elshibekova Zh.R., Baigabylova N.S. Connect to the zoom conference https://us04web.zoom.us/j/6627585840?pwd=cjdkVFJpcTVsOFhTUTRtZ1RPMTREUT09 Conference ID: 662 758 5840. Access code: 123456	Ibid. <i>Standards</i> 2,4,6,7,9
17:00- 17:45 (45')	Study of documentation on the residency programme: EP, syllabuses, individual plans of residents, resident portfolios, examination materials, results of resident assessment (protocols, statements, etc.) Connect to the zoom conference https://us04web.zoom.us/j/6627585840?pwd=cjdkVFJpcTVsOFhTUTRtZ1RPMTREUT09 Conference ID: 662 758 5840. Access code: 123456	<i>Standards</i> 2,3,6,7
17:45- 18:00 (15')	EEC meeting: discussion of evaluation results, exchange of views Summing up the first day of the visit. Connect to the zoom conference https://us04web.zoom.us/j/6627585840?pwd=cjdkVFJpcTVsOFhTUTRtZ1RPMTREUT09 Conference ID: 662 758 5840. Access code: 123456	Ibid.
18:00	Completion of the 1st day of the EEC visit	
Day 2 – 16.06.2022 (Thursday)		
8.45	Gathering of EEC members in the SCP&PS (Almaty, str. Al-Farabi 146).	New housing
9:00-9:15 (15')	Meeting of EEC members. Discussion of the 2nd day of the visit. Connect to the zoom conference https://us04web.zoom.us/j/6627585840?pwd=cjdkVFJpcTVsOFhTUTRtZ1RPMTREUT09 Conference ID: 662 758 5840. Access code: 123456	1st floor, small conference hall

09.15-09.45 (30')	<p>Meeting with managers responsible for personnel policy <u>The content of the meeting:</u> personnel policy regarding the recruitment of teachers for residency programmes, the programme of motivation and development of teachers, training, evaluation of teachers, funding of residency programmes, provision of programmes with appropriate resources (equipment, textbooks), motivation to perform research, etc.</p> <p>Responsible persons: <i>Manzhuova L.N., Tashenov M.B., Bazarbayeva A.A., Kabiev A.T.</i></p> <p>Connect to the zoom conference https://us04web.zoom.us/j/6627585840?pwd=cjdkVFJpcTVsOFhTUTRtZ1RPMTREUT09 Conference ID: 662 758 5840. Access code: 123456</p>	Ibid. Standards 5,7,8,9
9.50 – 10.30 (40/100)	<p>Attendance at the seminar in the specialty: "Oncology and Hematology for Children". Teacher Tulebayeva A., subject: "Differential diagnosis of diseases with hemorrhagic syndrome". Assessment of the provision of classes with relevant educational and methodological documentation.</p> <p>Connect to the zoom conference https://us04web.zoom.us/j/6627585840?pwd=cjdkVFJpcTVsOFhTUTRtZ1RPMTREUT09 Conference ID: 662 758 5840. Access code: 123456</p>	Training room No.2 "SCP&PS" Standards 2,5,6,7,9
10.35 – 11.10 (35')	<p>Visit to the simulation room</p> <p>Practical skills training and assessment of residents in the simulation room in the specialties of educational programmes.</p> <p>Connect to the zoom conference https://us04web.zoom.us/j/6627585840?pwd=cjdkVFJpcTVsOFhTUTRtZ1RPMTREUT09 Conference ID: 662 758 5840. Access code: 123456</p>	Standards 2,6,7
11:10-11:55 (40')	<p>Attendance at a seminar in the specialty "Pediatrics"</p> <p>- "Pediatrics" teacher T.V. Marshalkina, subject: "Diagnostic criteria and clinical manifestations of cystic fibrosis in children";</p> <p>Assessment of the provision of classes with relevant educational and methodological documentation.</p> <p>Connect to the zoom conference https://us04web.zoom.us/j/6627585840?pwd=cjdkVFJpcTVsOFhTUTRtZ1RPMTREUT09 Conference ID: 662 758 5840. Access code: 123456</p>	Training room No.2 Standards 2,5,6,7,9
11.55-12.15 (20')	<p>Meeting with representatives of the financial sector <u>Content of the meeting:</u> assessment of financial and resource conditions for the implementation of educational programmes. Manzhuova L.N., Tashenov M.B., Kubenova D.Zh., Kharitonov M.V.</p> <p>Connect to the zoom conference https://us04web.zoom.us/j/6627585840?pwd=cjdkVFJpcTVsOFhTUTRtZ1RPMTREUT09 Conference ID: 662 758 5840. Access code: 123456</p>	Small meeting room Standards 5,7,8,9
12.15-12.35 (20')	<p>Quality management system for the implementation of educational programmes.</p> <p>Meeting with employees:</p> <p>Manzhuova L.N., Slobodenyuk E.B., Sharipova M.N., Bazarbayeva A.A., Shakhmetova K.S.</p> <p>Connect to the zoom conference</p>	Ibid. Standards 7,8,9

	https://us04web.zoom.us/j/6627585840?pwd=cjdkVFJpcTVsOFhTUTRtZ1RPMTREUT09 Conference ID: 662 758 5840. Access code: 123456	
12.35-13.00 (20')	EEC meeting : discussion of evaluation results, exchange of views	
13:00-14:00	Lunch break	
14:00-15:30 (90')	Visit to CCH No.2 (distr. 2, pr. Altynsarina 54) and the city polyclinic No.7 (Bukhar Zhyrau Boulevard 14), additional interview with teachers: on children's infections – Dr. med. Katarbayev Adil Kairbekovich, on Dr. med. Serikbayeva Kagaz Sultangaliyevna, on the disciplines of emergency surgery and purulent surgery Dr. med. Kapanov Kapan Tursynovich. Connect to the zoom conference https://us04web.zoom.us/j/6627585840?pwd=cjdkVFJpcTVsOFhTUTRtZ1RPMTREUT09 Conference ID: 662 758 5840. Access code: 123456	<i>Standards 2,5,6,9</i>
15:30-16:00 (30')	Interviews with the staff of the SCP&PS upon request of the EEC members. Connect to the zoom conference https://us04web.zoom.us/j/6627585840?pwd=cjdkVFJpcTVsOFhTUTRtZ1RPMTREUT09 Conference ID: 662 758 5840. Access code: 123456	Small meeting room
16:00-17:00 (60')	Study of the residency programme documentation. Examination of documentation at the request of the members of the EEC. Responsible persons: <i>Bazarbayeva A.A., Shakhmetova K.S.</i>	Ibid.
17:00-17:30 (30')	EEC meeting. Summing up the results of the second day of the visit. Connect to the zoom conference https://us04web.zoom.us/j/6627585840?pwd=cjdkVFJpcTVsOFhTUTRtZ1RPMTREUT09 Conference ID: 662 758 5840. Access code: 123456	Ibid.
Day 3 – 17.06.2022 (Friday)		
8.45	Gathering of EEC members	
9:00-10:30 (90')	Design of EEC reports, development of recommendations for improving the implementation of residency programmes. Connect to the zoom conference https://us04web.zoom.us/j/6627585840?pwd=cjdkVFJpcTVsOFhTUTRtZ1RPMTREUT09 Conference ID: 662 758 5840. Connect to the zoom conference https://us04web.zoom.us/j/6627585840?pwd=cjdkVFJpcTVsOFhTUTRtZ1RPMTREUT09 Conference ID: 662 758 5840. Access code: 123456	Small conference hall, new building
10:30-12:00 (90')	Final discussion of the results of the external specialized assessment of educational programmes of the NSOC residence for compliance with accreditation standards. Completion of the Quality Profile and assessment criteria for compliance with the ECAQA accreditation standards by each member individually. Discussion of recommendations for improvement and final vote on recommendations for SCP&PS Final vote on the recommendations for the ECAQA Accreditation Council. Connect to the zoom conference https://us04web.zoom.us/j/6627585840?pwd=cjdkVFJpcTVsOFhTUTRtZ1RPMTREUT09 Conference ID: 662 758 5840. Access code: 123456	Ibid.
12:00-12:30	Familiarization of the management of the SCP&PS with the results of the work of the EEC, recommendations for improving the educational programmes of the residence Connect to the zoom conference https://us04web.zoom.us/j/6627585840?pwd=cjdkVFJpcTVsOFhTUTRtZ1RPMTREUT09	Large conference room

	Conference ID: 662 758 5840. Access code: 123456	
12:30- 13:00	Completion of the work of the external expert commission of ECAQA. Signing of documents.	
13:00	Departure of EEC members	