

**REPORT
OF THE EXTERNAL EXPERT COMMISSION
ON THE RESULTS OF THE ASSESSMENT OF THE EDUCATIONAL
PROGRAMME "ANESTHESIOLOGY AND RESEANIMATOLOGY,
INCLUDING CHILDREN'S" OF THE CORPORATE FOUNDATION
"UNIVERSITY MEDICAL CENTRE" FOR COMPLIANCE WITH
STANDARDS OF MEDICAL EDUCATION ORGANIZATIONS FOR
ACCREDITATION OF POSTGRADUATE EDUCATION PROGRAMMES
(RESIDENCE SPECIALTIES)**

period of external expert evaluation: December 7-10, 2020

1. Composition of the External Expert Commission

In accordance with ECAQA Order No. 21 dated November 16, 2020, an External Expert Commission was formed to conduct accreditation of educational programmes for residency specialties of the Corporate Foundation "University Medical Centre" from December 7 to December 10, 2020 (CF "UMC") in the following composition:



Chairperson of the External Expert Commission

MORENKO MARINA ALEKSEEVNA,
Doctor of Medical Sciences, Head of the
Department of Childhood Diseases
JSC "Medical University of Astana"
Chief freelance pediatric immunologist of the
Public Health Department of Nur-Sultan,
member of the European Academy of Allergists
and Clinical Immunologists, Member of the
European Respiratory Society



Foreign expert

IVANA OBORNÁ,
Doctor of Medical Sciences, Professor, Assessor
for the recognition of accreditation bodies of the
World Federation of Medical Education
(<https://wfme.org/about-wfme/people/ivana-oborna/>), expert of the National Bureau of
Higher Education Accreditation of the Czech
Republic, Deputy Chairperson of the Fulbright
Czech- American government organization,
Vice-Rector for International Relations at
Palacký University, obstetrician-gynecologist at
the Faculty Clinic of Olomouc



Foreign expert

ZINCHENKO RENA ABULFAZOVNA,
Doctor of Medical Sciences, Professor, Deputy
Director for Scientific and Clinical Work of the
Federal State Budgetary Scientific Institution
"Medical Genetic Research Centre named after
Academician N.P. Bochkova " (MGRC), Head of
the Laboratory of Genetic Epidemiology,
Scientific Secretary of the Dissertation Council D
001.016.01 for the defense of candidate and
doctoral dissertations in the specialty "Genetics"
(medical and biological sciences) on the basis of
the Federal State Budgetary Scientific Institution
" Medical Genetic Research Center " .



National Academic Expert

KURMANOVA ALMAGUL
MEDEUBAEVNA,
Doctor of Medical Sciences, Professor of the
Department of Clinical Specialties, GSOM
KazNU named after Al-Farabi,
Leading Researcher of JSC "Scientific Centre
for Obstetrics, Gynecology and Perinatology",
Almaty



National Academic Expert

ESENKULOVA SAULE ASKEROVNA
Doctor of Medical Sciences, Associate
Professor of the Department
NJSC "Kazakh National Medical University
named after S.D. Asfendiyarov"
Member of the Association of Oncologists of
the Republic of Kazakhstan



National Academic Expert

RAMAZANOVA SHOLPAN
KHAMZAEVNA,
Candidate of Medical Sciences, Associate
Professor of the Department of General
Medical Practice No. 2
NJSC " Asfendiyarov KazNMU".



National Academic Expert

KALIEVA SHOLPAN SABATAEVNA,
Candidate of Medical Sciences, Associate
Professor, Head of the Department of Clinical
Pharmacology and Evidence-Based Medicine
NJSC "Medical University of Karaganda"
Member of the professional association of
clinical pharmacologists and pharmacists of the
Republic of Kazakhstan
Member of the International Pharmacoeconomic
Society ISPOR
Deputy Chairperson of the Formulary
Commission of the Health care Department of
the Karaganda region



National Academic Expert

SADIEVA ZHANAR ZAMANKHANOVNA,
anesthesiologist-resuscitator, head of the
postgraduate education department
JSC "South Kazakhstan Medical Academy"



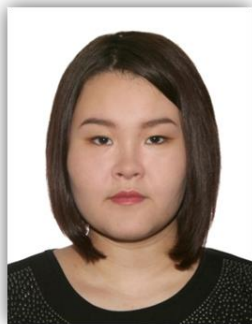
National Academic Expert

DZHAMANTAYEVA BOTAGOZ
DAUKIMOVNA,
Candidate of Medical Sciences. and Head of the
Department of Neurosurgery and Neurology of
JSC "Scientific Centre of Neurosurgery"



National Academic Expert

BEYSEBAYEV ELDAR NURLANOVICH,
PhD, Assistant at the Department of Oncology,
Mammology and Radiology
NEI "Kazakh-Russian Medical University"



ECAQA Observer
SARSENBAYEVA DARIYABANU
BULATOVNA,
head of the international department
"Eurasian Centre for Accreditation and Quality
Assurance in Higher Education and Health Care"
Tel.: +7 777 1471726,
e-mail: info@ecaqa.org

The work of the EEC was carried out in accordance with the Regulations on the EEC (Order of the ECAQA Director general No. 4 dated February 13, 2017). The EEC report contains an assessment of the educational programme of residency in the specialty "ANESTHESIOLOGY AND RESEANIMATOLOGY, INCLUDING CHILDREN'S" of the UMC CF for compliance with the Standards of accreditation of postgraduate education programmes (residency specialties) of medical educational institutions of the ECAQA, recommendations of the EEC on further improving the educational activities of the UMC CF in the field of postgraduate education.

2. General part of the final report of the EEC

2.1 Presentation CF UMC and an educational residency programme in the specialty "Anesthesiology and resuscitation, including children's".

The corporate fund "University Medical Centre" (hereinafter - CF "UMC") was created in accordance with the decision of the Board of Trustees of the Autonomous Organization of Education "Nazarbayev University" (hereinafter - Nazarbayev University) dated September 20, 2015 No. 20 on the basis of subsidiaries of the joint-stock company "National medical holding".

The purpose of the UMC CF is to provide safe, effective and high-quality medical care, the development, implementation and dissemination of modern technologies in the field of medical science, education and practice.

Today CF "UMC" unites four leading medical centres, including the National Scientific Centre for Motherhood and Childhood (hereinafter - NRCMCH), the National Centre for Children's Rehabilitation (hereinafter - NCDR), the Republican Diagnostic Centre (hereinafter - RDC) and a branch in Kyzylorda ... Three centres of CF "UMC" (NRCMCH, RDC, NCR) have passed the international accreditation of Joint Commission International, which is a guarantee of the safety of the services provided and confirmation of the provision of medical services in accordance with the level of international standards. In 2019, by the decree of the Government of the Republic of Kazakhstan, the National Centre for Oncology and Transplantology was removed from the UMC CF and transferred to the Ministry of Health of the Republic of Kazakhstan. Also, by the end of this year, the National Scientific Cardiac Surgery Centre will be transferred to the structure of the UMC CF.

Activities within the integrated academic health care system of Nazarbayev University ensure the uniqueness of the educational services offered. As a part of the integrated academic health care system, Nazarbayev University, CF "UMC" attracts foreign specialists "mentors" and organizes master classes with the involvement of international experts on the basis of its centres to create a competitive generation of medical personnel, develop and adapt modern protocols for the diagnosis and treatment of diseases as well as improving the quality of medical care.

CF "UMC" pays special attention to the issue of compliance with the requirements of the international quality and safety standards of medical care JCI, including through the use of methodologies for continuous improvement of quality, advanced training of medical personnel in leading medical organizations of the world, implementation of a patient-oriented system of medical care, in including on the basis of recommendations of mentors-partners from Switzerland in the field of hospital services.

In accordance with the UMC CF Charter, approved by the decision of the Governing Council of Nazarbayev University dated October 16, 2015 No. 16.10.15 (with amendments and additions approved by the decision of the Governing Council of Nazarbayev University dated February 6, 2018 No. 06.02.18), one of the main types of activity of CF "UMC" is educational.

Organizational, functional and staffing structures of the organization are built taking into account the mission, goals, objectives and policy in the field of quality assurance.

The organizational structure of CF "UMC" is developed on the basis of strategic directions approved by the management body of CF "UMC", vertical subordination of the relevant structural divisions to the Deputy Chairperson of the Management Board, Medical and Executive Directors in supervised areas. The basis for building the organizational system of the centres of the CF "UMC" are the main processes-blocks: medical, strategic, nursing and service and economic.

The Department of Science and Education (hereinafter referred to as the Department) is a structural subdivision of the CF "UMC".

Training in residency at the CF "UMC" has been carried out since 2016. According to article 8 of the Law "On the status of Nazarbayev University, Nazarbayev Intellectual Schools" and Nazarbayev Fund, Nazarbayev University, Intellectual Schools, their organizations carry out educational activities without a license, without state certification.

Residency programmes are implemented in accordance with the Rules for organizing the educational process in the residency of the CF "UMC", approved by the decision of the Board of the CF "UMC" dated February 15, 2018 No. 3.

Residency programmes are implemented in 11 clinical specialties:

1. 6R111500 Neurology, incl. children's;
2. 6R114400 Obstetrics and gynecology, incl. children's;
3. **6R112600 Anesthesiology and resuscitation, incl. children's;**
4. 6R114300 Neonatology;
5. 6R111900 Radiation diagnostics;
6. 6R114200 Pediatrics;
7. 6R113300 Pediatric surgery;
8. 6R115000 Pediatric Oncology and Hematology
9. 6R114500 Medical genetics;
10. 6R113600 Traumatology and orthopedics, incl. children's;
11. 6R111000 Nephrology, incl. children's;

The total number of students in the residency of the CF "UMC" in 2019-2020 is 66 residents, including 1 person in the specialty "Anesthesiology and resuscitation, including children's" (on academic leave). In 2019 and 2020, 51 and 32 residents were graduated, respectively, including 4 in the specialty "Pediatrics" in 2019 and 2 - in 2020/

The total number of teachers involved in the educational process of residency and additional vocational training is 206 people, of whom Ph.D. - 27, Ph.D. - 60. The number of teaching staff on the residency programme "Anesthesiology and resuscitation, including children's" - 5.

2.2 Information on previous accreditation

Accreditation of the educational programme of residency in the specialty "Anesthesiology and resuscitation, including children's" of the CF "UMC" has not been carried out to date.

2.3 Analysis of the self-assessment report of the study programme of residency in the specialty "Anesthesiology and resuscitation, including children's" CF "UMC".

Preparation for specialized accreditation of the Corporate Fund "University Medical Centre" was carried out on the basis of the order dated July 20, 2020 No. 18-n / κ "On approval of the composition of the working group for the preparation for specialized accreditation of the corporate fund" University Medical Centre ".

Study Programme Self-Assessment Report presented on 128 pages of the main text, of which 22 pages of annexes and electronic versions of documents by reference in google disk https://drive.google.com/drive/folders/1FxOheU2F2_zbWaoYqbxjgmzvgM3rT8Oe?usp=sharing_eil&invite=CPCAYgN&ts=5fcf09d.

The report is characterized by completeness of answers to all 9 accreditation standards, structuredness taking into account the recommendations of the ECAQA Self-Assessment Guidelines, as well as internal consistency of information. The report is accompanied by an accompanying letter signed by acting Medical Director B.E. Khairulina, confirming the accuracy of the information and data contained in the report.

The report contains information about the representative of the CF "UMC" responsible for the self-assessment of educational programmes Alma Alibekovna Syzdykova, Director of the Department of Science and Education.

A working group of 22 people headed by the chairperson E.A. Taigulov. Some work was done to prepare the self-assessment report: the content of the accredited educational programme, the conditions for its implementation, staffing, educational resources were analyzed, the necessary information was collected in accordance with Accreditation standards for postgraduate education programmes (residency specialties) of medical educational organizations (hereinafter referred to as accreditation standards); a thorough analysis, updating and addition of methodological and educational materials was carried out, their content is reflected in the report. The content of the Self-Assessment Report is structured in accordance with the ECAQA Accreditation Standards and includes a description of the strengths, areas for improvement for each of the 9 standards.

All standards contain the real practice of the UMC CF on the training of residents in the specialty "Anesthesiology and resuscitation, including children's", taking into account the beginning of admission of students in 2019 and 2020, well-reasoned data, examples of the implementation of the tasks of the educational programme, national and international events, methodological support, confirming compliance with the requirements of accreditation standards. The description in the self-assessment report is quite complete and updated in terms of the number of residents, teachers, administration, information on selection and admission, training results, results of knowledge and skills assessment, material and technical base of the university and clinical bases, contractual obligations with partners (universities, associations, base), financial information, plans for development and improvement, etc.

The Opinion for each of the 8 Accreditation Standards includes a description of the strengths and areas for improvement identified through self-examination and development prospects for the specialty. Compliance analysis is given only for 8 standards, since new educational residency programmes are presented for the examination and the process of continuous improvement (standard 9) will be analyzed and evaluated at the stage of post-accreditation monitoring when the accreditation council decides on the full accreditation of the educational programme.

Thus, the self-assessment report of the accredited educational residency programme of UMC CF contains objective, detailed, structured information on all types of activities in accordance with the ECAQA accreditation standards, and UMC CF made appropriate corrections in the report at the review stage.

3. Description of external expert evaluation

External expert work on the assessment of the educational programme of residency in the specialty "Pediatrics" was organized in accordance with the Guidelines for the external assessment of educational organizations and educational programmes of ECAQA (approved by order of the Director General of the "Eurasian Centre for Accreditation and Quality Assurance in Education and Health care" No. 5 dated 17.02 .2017) and according to the programme and schedule approved on November 16, 2020 by the Director General of ECAQA Sarsenbayeva S.S. and agreed with the acting. Medical Director of the CF "University Medical Centre" B.E. Khairulin

To obtain objective information on the expert assessment of the accredited educational programme, the members of the EEC used the following methods: interviews with management and

administrative staff, interviews with residents, observation, study of the website, interviewing employees of various structural units, teachers, questioning teachers and residents, review of resources in the context of the implementation of accreditation standards, the study of regulatory and educational-methodological documents both before the visit to the university and during the visit.

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

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

No.	Full name	Position
1	Pya Yuri Vladimirovich	Chairman of the Board
2	Khairulin Bekbai Eslyamovich	Deputy Chairman of the Management Board
3	Khamzina Nurgul Kalieva	Deputy Chairman of the Management Board
4	Syzdykova Alma Alibekovna	Director of the Department of Education Science (DDE)
5	Abdrakhmanov Asan Boribekovich	Director of the Strategy Department
6	Esetova Asel Adilbekovna	Chief manager of DDE
7	Agdarbekova Madina Ruslanovna	Chief manager of DDE
8	Abdirova Bagdat Umirkhanovna	Chief manager of DDE
9	Niyazbekova Bagdagul Mukhambetzhanoyna	Chief manager of DDE
10	Abakasova Gulmira Zhanatovna	General Manager of DDE
11	Kapasova Bayan Birzhankyzy	Chief manager of DDE
12	Akhmetova Asem Tolegenovna	Chief Manager of the Science and Education Sector, NRCMCH
13	Bokebaev Zhanybek Tolepkalieovich	Chief Manager of the Quality Management Department
14	Saydildina Lyazzat Laulekovna	Head of the Obstetric department No. 2 with a maternity unit (postpartum) NRCMCH
15	Primbetov Berik Uzakpaevich	Head of the Department of Women's Diseases, NRCMCH
16	Umirkhanovna Balzhan Bulatovna	Head of the Department of Oncology No. 1 NRCMCH
17	Abilkhadirova Asel Bayakhmetovna	Head of the Department of Early Age Neurology, NRCMCH
18	Tortaeva Gulnar Sagieva	Head of the Department of Neonatology, NRCMCH
19	Bayanova Mirgul Faizullinovna (remotely)	Head of the Department of Clinical and Genetic Diagnostics, NRCMCH
20	Tazhibaev Dulat Mazhitovich	Head of the Department of Radiation Diagnostics, RDC
21	Mustafinova Gulnara Toleukhanovna	Head of the Department of Anesthesia, Resuscitation and Intensive Care
22	Abentaeva Botakoz Abubakirovna	Head of the Department of Reanimation and Intensive Care of Newborns
23	Abishev Bakhyt Khamitovich	Head of the Department of Radiation Diagnostics
24	Olkhovik Yuri Mikhailovich	Senior Resident for Surgery, Department of Pediatric Surgery No. 1, NRCMCH
25	Nigmatullina Nazym Bakytbekovna	Head of the Department of Nephrology, Dialysis and Transplantation, NRCMCH
26	Abilkhadirova Asel Bayakhmetovna	Head of the Department of Early Age Neurology

Interviews were held with 22 teachers (in three groups), residents (43) and employers (representatives of practical health care). It is necessary to take into account the fact that there was no graduation under the accredited educational residency programme "Pediatrics", therefore it was not possible to interview the graduates, but the experience and authority of the CF "UMC" in clinical and educational activities shows the demand for graduates and educational programmes by medical organizations of all regions of Kazakhstan.

Interviews with teachers, as providers of the residency programme, showed that there are both successes and problems in the management of the educational programme, since the main developer of programmes and teaching and methodological documentation is the Department of Education and Science, and teachers are more involved in the preparation of control and measuring instruments. In order to verify the data of the standard, 5 external experts obtained an opinion on personnel policy and approaches to the development of the pedagogical competence of teachers, motivation to work with residents, and the implementation of supervision. The experts found that teachers initiate research topics for residents, stimulate the need for additional training and independent work with literature and medical documentation.

In order to validate the performance of the self-assessment report data and obtain evidence of the quality of the programmes, interviews were conducted with 44 residents on the ZOOM platform. The experts asked questions about satisfaction with training at UMC CF, sufficient time for supervising patients, work in Damumed with medical documentation, satisfaction with teaching methods and qualifications of teachers, social and moral support for residents who need it, participation in "Journal Clubs", accessibility resources of international databases of professional literature. In general, the residents are satisfied with the training, assessment methods, and purposefully entered this organization, since they believe that UMC CF has good educational resources, image and international connections, at the same time, residents would like more independence in managing patients.

Residents showed their commitment to the organization of education, were active in answering questions from external experts, demonstrated their opinions on the organization of training, assessment of their skills, advisory support, opportunities to participate in research and development, funding, demonstrated their English language skills when answering questions from a foreign expert Ivana Oborn. The experts studied the documents of residents (portfolio, results of assessment of residents-checklists, results of a questionnaire survey of residents).

Interviews with 12 employers on all the educational programmes of residency of the UMC CF, declared for accreditation, were conducted online and included such questions as: knowledge of the university mission, participation in the development of the mission and proposals in the strategic plan, participation in the advisory bodies of the UMC CF ", Satisfaction with the basic knowledge and skills of residents, participation in the training of residents through mentoring, providing the department and residents with the necessary resources for practical training and the formation of clinical thinking, about the problems of interaction with departments and universities in general, employment of residency graduates, etc. Employers are part of Educational and methodological council.

The resource review showed that the clinical base "Centre for Motherhood and Childhood", available for review at the time of the external visit, corresponds to the goals and objectives of the corresponding educational programmes in the specialties - pediatrics, neonatology, obstetrics and gynecology, anesthesiology and resuscitation, etc., since it has a sufficient number of thematic patients, modern equipment and demonstrates accessibility to residents, and employees who simultaneously fulfill the roles of teachers and mentors (mentors) provide quality training in compliance with ethics and deontology. Before starting the corresponding 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.

IN CF "UMC" training of resident trainees is carried out on the basis of 3 medical centers accredited by the international commission JCI. Much attention is paid to the working conditions of

employees. For this purpose, certification of workplaces for working conditions is carried out. Based on the results obtained, measures are planned and implemented to improve working conditions for employees and residents of UMC. Teachers and residents use new information and communication technologies. Each employee has access to the corporate portal Bitrix 24, Directum, Microsoft Outlook. Resident trainees of CF "UMC" have access to the corporate portal Bitrix 24, which can be entered both from personal mobile phones and through stationary computers in the computer classroom or in the library.

Documentation has been examined on the educational programme "Anesthesiology and resuscitation, including pediatric" at the link <http://umc.org.kz/educational-methodical-documentation/>, which confirmed the compliance with accreditation standards, including teacher documentation http://umc.org.kz/wp-content/uploads/2019/11/PPS_list.pdf and curators of residents http://umc.org.kz/wp-content/uploads/2019/11/about_curators.pdf...

Further, a meeting of the EEC members was held on the results of the external assessment. A final discussion of the results of external assessment, study of documents, results of interviews, interviews, questionnaires was held. The members of the EEC began to design the final report of the EEC.

A meeting of the EEC members took place. EEC members made generalizations of the results of the external evaluation. The experts individually completed the "Quality profile and criteria for external assessment of the educational residency programme in the specialty" Pediatrics "for compliance with the ECAQA Accreditation Standards". No comments were made by the EEC members. Recommendations for improving the postgraduate education sector implementing the accredited educational programme were discussed. A draft report with recommendations was prepared.

EEC Chairperson Morenko Marina Alekseevna held a final open vote on recommendations for UMC CF and a final vote on recommendations for the ECAQA Accreditation Council. Then the chairperson of the EEC for the management and employees of the educational organization announced recommendations based on the results of an external assessment as part of the accreditation of educational programmes for residency specialties.

Results of the survey.

The ECAQA observer from December 7 to 10, 2020 conducted an online survey of residents and teachers of the accredited educational programme of the CF "UMC" on the resource <https://webanketa.com/>.

Residents survey results:

The total number of residents who answered - 89. Out of the total number of respondents, residents of the 2nd year of study prevailed (91%), residents of the 1st year of study were 9%, respectively. It is recommended to study in this educational organization to their acquaintances, friends, relatives - 66% fully agree, partially - 25%.

70% of those surveyed strongly agree and 22% partially agree that programme managers and teaching staff are aware of their learning problems. According to 76% of residents, programme managers and teachers constantly involve them in the work of advisory bodies, 8% answered that they do not, and 8% do not know anything about it. 66% of residents are completely satisfied and 22% are partially satisfied with the conditions and equipment of classrooms, while 3% of residents are completely dissatisfied, 6% are partially dissatisfied, and 2% doubt the answer to this question. According to 61% (completely agreeing) and 8% (partially agreeing) of the respondents, this educational organization has created conditions for rest and meals for residents (lounges, benches / gazebos on the territory, a canteen) in between classes, but 22% of students partially disagree with this statement. 82% of residents fully agree and 10% partially agree that office equipment is available to them in classrooms and practice bases. Teachers provide residents with methodological and didactic materials, additional literature to prepare for classes: 67% completely agree, 19% partially.

88% of respondents are fully satisfied, and 9% are partially satisfied with access to student participation in research work. 64% of students are completely satisfied with the library fund and

resources, and 28% are partially satisfied. 76% of residents are fully satisfied with the teaching methods, and 16% are partially satisfied. There is enough time for practical training (supervision of patients, etc.): 87% completely agree, 10% partially. 81% of the respondents are fully satisfied with the training schedule, and 15% are partially satisfied. 87% of the respondents were completely satisfied with the methods of assessing their knowledge and skills, and partly - 10%. According to 65% of residents, teachers regularly use active and interactive teaching methods in the classroom, and 18% of students believe that sometimes. Among the respondents, 72% expressed the opinion that teachers constantly provide feedback after the end of classes, 15% answered that sometimes. 82% are completely satisfied with the fact that they study in this educational organization, partially - 10%, disappointed - 6% of the respondents, while 2% of residents did not give an exact answer.

89% of the respondents are sure that this educational organization allows them to improve or acquire the necessary knowledge and skills in the chosen specialty. 60% of residents rate the organization of clinical training excellent, 25% - good, 10% - satisfactory. The majority of residents (81%) fully agree that a teacher (mentor, curator) of this educational organization is an example for them as a professional doctor, a person, while 16% answered that not all teachers of this organization are such. 88% of the respondents are completely satisfied with the number of patients for supervision or assistance during operations. Most of the respondents (78%) answered that they are currently engaged in research work, and 10% are planning to start.

Results of the survey of teachers of residency programmes:

The total number of teachers on the list is 79. The total number of respondents is 50, including those with up to 5 years of experience - 28%, up to 10 years - 22%, over 10 years - 50%. According to the profile of the specialty: therapeutic - 4%, pediatric - 36%, surgical - 12%, obstetrics and gynecology - 34%, other - 14%.

42% are completely satisfied with the organization of the educational process, partially - 50%. Fully agree that the university respects ethics and subordination in relations between colleagues, teachers, management, 74%, partially - 26%. 50% of respondents are completely satisfied with the organization of work and workplace, partially - 44%. 48% of the respondents fully agree that there is an opportunity for career growth and development of the competence of teachers in the organization, 42% in part.

Fully agree that in this educational organization, teachers have the opportunity to engage in scientific work and publish the results of research, 44% of teachers, partially agree - 42%. Fully agree that they are satisfied with the salary, 16% of respondents, partially agree - 34%, no answer - 12%, more yes than no - 26%, more "no" than "yes" - 12%. 48% of the respondents are fully satisfied with the work of the personnel department (HR), partially - 42%.

Among teachers, 30% studied at professional development courses (programmes) less than one year ago, 28% of teachers - during this year, and 36% - more than three years ago. The microclimate in the team of the department / department / department / department satisfies 66% of teachers, does not satisfy - 12%, quite satisfied - 10%. Slightly more than half of the respondents (54%) fully agree that they can be realized as professionals in this organization, and 44% agree in part. According to 44% of teachers, students of this educational organization have a high level of knowledge and practical skills after completing the training programme, while 44% partially agree with this statement. 30% of respondents believe that applications for the purchase of methodological and didactic materials, office equipment, stationery to ensure the educational process in the organization are carried out in a timely manner, 6% note a long wait for the application to be completed, and 42% said that they have nothing to do with this.

When asked whether the CF "UMC" supports the teacher in participating in international and national events, 18% did not answer, 14% did not contact the management about this, 20% find sponsors, 32% answered that the organization does not pay any expenses, and 12% noted that they are supported by the payment of travel, travel expenses, registration fees, 4% - by payment only of travel. The majority of respondents (82%) fully agree, and 14% partially agree that residents have free access to patients and clinic resources. During the lessons, the teachers must have a syllabus and EMCD (84%), cases (76%), instrumentation (72%), an educational journal (58%). The level of prior

training of residents upon admission to training programmes is fully satisfied by 20% of respondents, partially satisfied - 66%.

22% are aware of the implementation of social programmes to support teachers, 52% do not know, and 12% of respondents doubt their existence. In the opinion of 30% of the respondents, the heads of the organization systematically listen to their opinions in relation to questions on the educational process, research and development, clinical work, 42% of teachers believe that sometimes, and 20% did not give an answer. When teaching residents, a variety of teaching methods are used, but more often oral analysis of the topic of the lesson (74%), lectures (72%), analysis of situational tasks (70%), practical exercises on clinical skills in the educational and clinical centre (62%), work in small groups (52%), oral questioning of students (52%), compilation and solution of cases (52%). 56% of respondents fully agree that this survey will be useful for developing recommendations for improving the key areas of activity of this organization, while 24% partially agree with this, and 16% find it difficult to answer.

The results of the questionnaire are presented in the appendix and, in general, demonstrate the effective management of educational programmes, the positive aspects of training on residency programmes, at the same time, identify areas for improvement (social support programmes for teachers, the availability of leadership and administration for teachers and residents, pedagogical competencies and professional development of teachers) ...

The results of the questionnaire are presented in the appendix and, in general, demonstrate satisfaction with the educational process, the resources of the clinical base, the competencies of teachers, and also indicate the presence of a centralized management of educational programmes.

Conclusion on the basis of the external evaluation:

Within the framework of accreditation, the main indicators of the educational programme were studied and evaluated residency in the specialty "Anesthesiology and resuscitation, including children's". The information obtained during the study of the self-assessment report, preparation of a written review with recommendations for improvement, implementation of the activities of the visit programme of the CF "UMC" from 7 to 10 December 2020 All the information received was compared with the data of the self-assessment report, the information on each criterion of the accreditation standards was validated and the indicators of the appendix to the self-assessment report were verified, which made it possible to make sure that the information provided by UMC CF and supporting documents for compliance with the ECAQA Accreditation Standards was valid.

It was found that the clinical bases of the educational programme residency in the specialty "Anesthesiology and resuscitation, including children's "there are 3 clinical bases, of which 1 were visited. The volume of the study load and treatment and prophylactic work in specialties is determined by the individual work plan of the student of residency (item 14) for one year and is monitored by the monthly reports of the resident on free form. The accounting of completed tasks is drawn up in the form of a portfolio according to the recommendations in the syllabus.

4. Analysis for compliance with accreditation standards based on the results of an external assessment of the educational residency programme in the specialty "Anesthesiology and resuscitation, including pediatric and an overview of the strengths for each standard.

Standard 1: MISSION AND OUTCOMES

Strengths:

1. Construction of training in residency, taking into account the integration of education-clinic-science in the context of the introduction of modern principles of training specialists for health care;

2. Special status of educational organization and cooperation with leading medical schools of the world (University of Pittsburgh);

3. The demand for educational programmes of residency and additional education among potential students;

4. A stable reputation among medical organizations and development prospects, taking into account modern requirements for health care professionals;

Conclusions of the EEC on the criteria. Out of 17 standards conform: completely - 9, significantly - 8, partially - 0, do not correspond - 0.

Standard 1: completed

Recommendations for improvement identified during the external visit:

1. Improving the site CFUMC to raise awareness of all stakeholders in the implementation of the CFUMC mission and educational programme in the specialty "Anesthesiology and resuscitation, including pediatric" (1.1.1 and 1.3.3).

Standard 2: EDUCATIONAL PROGRAMMES

Strengths:

1. A wide range of specialties of educational residency programmes and the demand for potential students;

2. Implementation of educational programmes at the corresponding JCI accredited clinical sites;

3. Developed clinical practice and bedside training for residents;

4. Application of a variety of teaching methods.

Conclusions of the EEC on the criteria. Out of 31 standards correspond: fully - 25, significantly - 6, partially - 0, do not correspond - 0.

Standard 2: completed

Recommendations for improvement identified during the external visit:

1. Inclusion in the educational programme in the specialty "Anesthesiology and resuscitation, including pediatric» Questions of scientific foundations and methodology of medical research (2.2.1).

Standard 3: ASSESSMENT OF TRAINEES

Strengths:

1. Assessment of educational achievements of students is carried out using criteria, regulations and procedures developed in accordance with the goals and objectives for the implementation of the educational programme;

2. Skills assessment is carried out using summative assessment forms.

Conclusions of the EEC on the criteria: Out of 11 standards conform: fully - 5, significantly - 6, partially - 0, do not correspond - 0.

Standard 3: completed

Standard 4: TRAINEES

Strengths:

1. Compliance with the standard rules for the admission of residents, taking into account the internal requirements for training in CF "UMC";

2. Involvement of students in the work of consultative and advisory bodies to participate in decision-making regarding the educational programme;

Conclusions of the EEC on the criteria. Out of 30 standards conform: fully - 21, significantly - 9, partially - 0, do not correspond - 0

Standard 4: completed

Standard 5: TRAINERS

Strengths:

1. Highly qualified teaching staff from among professional clinicians;

2. Policy of selection and recruitment of teachers;
3. System of clinical mentoring of residents;
4. Programme for the development of pedagogical competencies and educational programme organizers.

Conclusions of the EEC on the criteria. Out of 7 standards conform: completely - 4, significantly - 3, partially - 0, do not correspond - 0.

Standard 5: completed

Standard 6: EDUCATIONAL RESOURCES

Strengths:

1. A modern clinical base for training residents and international cooperation with a strategic partner - the University of Pittsburgh School of Medicine;
2. Providing the educational process with appropriate medical equipment and access to clinical resources of practice bases;
3. Support of educational programmes with appropriate IT technologies, library resources with access to international databases of professional literature;
4. Programme of international cooperation with foreign partners.

Conclusions of the EEC on the criteria. Out of 21 standards conform: fully - 13, significantly - 8, partially - 0, do not correspond - 0

Standard 6: completed

Standard 7: PROGRAMME EVALUATION

Strengths:

2. A system for monitoring the quality of educational programmes through external review at the planning and approval stage, assessment by the educational and methodological council, feedback from participants in educational relations and indicators of the demand for programme graduates;
3. Actively applied feedback from students and teachers;
4. Assessment by type 360°.

Conclusions of the EEC on the criteria. Out of 15 standards conform: fully - 2, significantly - 13, partially - 0, do not correspond - 0

Standard 7: completed

Recommendations for improvement identified during the external visit:

1. In order to further improve the quality of the educational programme on a regular basis, it is recommended to conduct a SWOT analysis of the educational programme, taking into account the views of all stakeholders (7.1.5, 7.2.2)

Standard 8: GOVERNANCE AND ADMINISTRATION

Strengths:

1. Transparency of educational programme management;
2. Awareness of the participants in the educational process through the placement of information on the educational programme on the website of the CF "UMC";
3. Financial and economic activity of CF "UMC" is aimed at ensuring financial stability;
4. Ensuring the efficient use of financial resources.

Conclusions of the EEC on the criteria. Out of 15 standards conform: fully - 9, significantly - 6, partially - 0, do not correspond - 0

Standard 8: completed

Thus, all 8 accreditation standards have been met, no inconsistencies in the fulfillment of the criteria of each of the basic accreditation standards in the process of analyzing the self-assessment report and conducting the examination as part of the tasks of the external expert evaluation programme were found.

5. Recommendations for improving the educational residency programme

"Anesthesiology and resuscitation, including children's " of CF UMC:

- 1) Improving the site CFUMC to raise awareness of all stakeholders in the implementation of the CFUMC mission and educational programme in the specialty "Anesthesiology and resuscitation, including pediatric" (1.3.3).
- 2) Inclusion in the educational programme in the specialty "Anesthesiology and resuscitation, including pediatric» Questions of scientific foundations and methodology of medical research (2.2.1).
- 3) In order to further improve the quality of the educational programme on a regular basis, it is recommended to conduct a SWOT analysis of the educational programme, taking into account the views of all stakeholders (7.1.5, 7.2.2)/

6. Recommendation to the ECAQA Accreditation Council

The members of the EEC came to a unanimous decision to recommend that the Accreditation Council accredit the educational program of the residency "Anesthesiology and resuscitation, including children's " of the UMC CF for a period of 5 years.

Chairperson Morenko Marina Alekseevna



Foreign expert Ivana Oborna (Ivana Oborna)



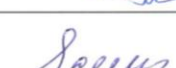
Foreign expert Zinchenko Rena Abulfazovna



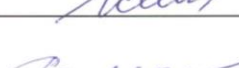
Academic expert Kurmanova Almagul Medeubayevna



Academic expert Esenkulova Saule Askarovna



Academic expert Ramazanova Sholpan Khamzaevna



Academic expert Kaliyeva Sholpan Sabatayevna



Academic expert Sadieva Zhanar Zamankhanovna



Academic expert Jamantaeva Botagoz Daukimovna



Academic expert Beisembayev Eldar Nurlanovich



Observer from ECAQA Sarsenbayeva Dariabanu Bulatovna



Quality profile and external evaluation criteria (summary)
Of educational programme in the specialty
"Anesthesiology and resuscitation, including pediatric of CF UMC"

Standard	Criteria for evaluation	Evaluation			
		Totally coincides	Significantly corresponds	Partially compliant	Does not match
	Number of standards = BS * / SU				
1	MISSION AND OUTCOMES 17 = 10/7	6/3	4/4		
2.	EDUCATIONAL PROGRAMME 31 = 22/9	18/7	4/2		
3.	ASSESSMENT OF TRAINEES 11 = 7/4	2/3	5/1		
4	TRAINEES 30 = 18/12	14/7	4/5		
5	TRAINERS 7 = 5/2	2/2	3/0		
6.	EDUCATIONAL RESOURCES 21 = 10/11	6/7	4/4		
7.	PROGRAMME EVALUATION 15 = 10/5	1/1	9/4		
8.	GOVERNANCE AND ADMINISTRATION 15 = 8/7	6/3	2/4		
	Total: 147 = 90/57				
		151			

List of documents requested by EEC members within the framework of accreditation

N o.	Names of documents	number	Date approved
4)	Questionnaire forms "Assessment 3600" in the context of specialties	11	UMC Minutes No. 6 dated November 22, 2016
5)	Job descriptions of the Foundation's health workers	28	Different periods for each provider
6)	Resident job description	1	10.10.2016 UMC protocol No. 5
7)	Employee job description	2	03.03.2020 y
8)	Catalog of elective disciplines	1	Minutes 10 dated 09/02/2020
9)	Fund mission and development strategy	1	2019 year
10)	Residency educational programmes	1	2016, 2018 and 2020
11)	Agreements and memorandums: agreements with clinical bases, agreements with residents, Memorandums of cooperation	12	2016 to 2020
12)	Research work of residents	7	05/30/2017 Minutes No. 5
13)	Code of Conduct	1	12/30/2015 Minutes of the Management Board No. 3
14)	Evaluation forms	11	2016-17 years
15)	Regulations for Clinical Academic Departments	1	06/19/2020, No. 12
16)	Regulation on the Department of Science and Education	1	29.10.2018, No. 26
17)	Regulations of other departments	19	
18)	Portfolio of residents, personal file of residents	3	
19)	Rules for the organisation of the educational process of residency of the CF "UMC"	1	02/15/2018
20)	Rules for the search, selection, recruitment and certification of workers in the CF "UMC"	1	19.11.2015
21)	Rules for the search, recruitment, selection and certification of employees of the Fund	1	November 19, 2015 as amended in 2016, 2018
22)	Rules for admission to residency	1	2018, with changes from 2019
23)	Orders		From 2016-2020
24)	Working curricula for all residency specialties	11	2016-17, 2018, 2020
25)	Working curricula	17	From 2017-2020
26)	schedule	2	2016-2020 y
27)	Syllables	18	2016-17, 2018, 2020
28)	Resident lecture attendance log	3	1.09-12.09.2020
29)	Resident duty schedule	4	09.2020, 12.2020
30)	Educational and methodical council	10	Protocols from 2016 to 2020

31)	Materials of the educational and methodological council		2019, 2020
32)	Staffing table	3	NRCMCH - 11/30/2020, RDC - 11/30/2020, AUP - December 2020
33)	Operational plan for the implementation of the strategy	1	03/27/2020
34)	Regulation on teaching staff	1	Minutes 9 dated 28.08.2019
35)	Foundation Charter (as amended)	1	05/12/2020
36)	Instruction checklist of internal training	2	
37)	State obligatory standards of education	3	2015 and 2020
38)	Mission of CF "UMC"	1	2019 y
39)	Regulations on the Journal Club	1	28.04.2018 No. 2
40)	Guidebook for applicants and students in residency	1	2020 y
41)	List of residents	1	
42)	Residency budget for 2020	1	2020 y
43)	Quality management programme of NRCMCH and RDC	1	
44)	Employer Application Form	1	2020 y
45)	Resident Privilege List	1	2020-2023
46)	Scientific works of residents	7	Dec 2019 2020 g.
47)	PC Certificates in Clinical Pharmacology - Gurtskaya G.M.	1	2015, 2017, 2017
48)	List of scientific publications "Nephrology, including children's"	6	2016 Nov.
49)	Certificates for the successful completion of the course-seminar "Methodology for the development of examination material" to assess the key competencies of students "	14	November 24, 2020 NTSNE
50)	Certificates of participation of KC UMC employees (pediatric surgeons, radiologists) in international conferences	9	2019 India (1) 2019 Italy (5) 2019, Moscow (1) 2019 Minsk (2)
51)	Certificates / Testimonials PC "Methodology for developing the image of results-oriented programmes" 54 hours	2	11/18/2019 CF "UMC"
52)	Exam materials for all specialties	3	2017-2018
53)	Interim certification results in all specialties		2017-2018
54)	Sheets and tests for all specialties	1	2017-2018
55)	Journal Club Minutes Obstetrics and gynecology - 10 reports Medical genetics - 2 reports Pediatrics - 1 report Nephrology - 1 report	36	2016-2018
56)	Library attendance log	1	2019-2020
57)	Information board in the simulation centre	1	