

To Accreditation Council  
Of The Eurasian Center for Accreditation  
And Quality Assurance  
In Higher Education and Health Care

**REPORT  
OF THE EXTERNAL EXPERT COMMISSION  
ON THE RESULTS OF THE ASSESSMENT OF THE EDUCATIONAL  
PROGRAMME  
6B10103 - "PEDIATRICS" OF NJSC «Semey Medical University» IN  
COMPLIANCE WITH STANDARDS FOR ACCREDITATION OF  
BACHELOR'S PROGRAMMES IN MEDICAL EDUCATION  
ORGANIZATIONS**

**period of external expert commission: May 18, 2021 - May 20, 2021**

**Semey, 2021**

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## LIST OF SYMBOLS AND ABBREVIATIONS:

|            |   |
|------------|---|
| AMP        | Administrative and management personnel   |
| BD (O)     | Basic disciplines (training)  |
| GP         | General Practitioner  |
| University | Higher educational institution  |
| EKR        | East Kazakhstan region  |
| SAC        | State Attestation Commission  |
| SCES       | State compulsory education standard   |
| GPA        | Weighted average assessment of the level of educational achievements of a student in the chosen specialty |
| DAD        | Department of Academic Development  |
| DSHR       | Department of Science and Human Resources   |
| DOPs       | Direct observation  |
| ECTS       | European Credit Transfer and Accumulation System  |
| ECAQA      | Eurasian Center for Accreditation and Quality Assurance in Higher Education and Health care               |
| FSA        | Final state attestation   |
| IC         | Individual curriculum (resident)  |
| ILS        | information library system  |
| CVI        | Coronavirus infection   |
| COC        | Component of choice   |
| CEP        | Committee of educational programmes   |
| QED        | Catalog of elective disciplines   |
| LMS        | learning management system KEYPS  |
| MoH RK     | Ministry of Health of the Republic of Kazakhstan  |
| Mini-CEX   | Mini Clinical Exam  |
| MES RK     | Ministry of Education and Science of the Republic of Kazakhstan   |
| MEO        | Medical education organization  |
| MA         | Methodical advice   |
| NJSC "SMU" | Non-profit Joint Stock Company "Semey Medical University"   |
| R&D        | Research work of a resident   |
| IQAA       | Independent Agency for Quality Assurance in Higher Education  |
| SSC        | Scientific student circle   |
| STP        | Scientific and technical programme  |
| NCIE       | National Center for Independent Examination   |
| EP         | Educational programme   |
| IA         | Intermediate attestation  |
| PBL        | Problem- based learning   |
| MD         | Major disciplines (training)  |
| PHC        | Primary health care   |
| PPP        | Faculty   |
| RSE on REM | Republican state enterprise on the right of economic management   |
| WC         | Working curricula   |

|       |   |
|-------|---|
| CBL   | Case-based-learning   |
| NKR   | North-Kazakhstan region   |
| QMS   | Quality Management System   |
| SOP   | Standard operating procedures                                     |
| IWS   | Independent work of students                                      |
| IWR   | Independent work of a resident                                    |
| SC    | Simulation center   |
| IWRT  | Independent work of a resident under the supervision of a teacher |
| TBL   | Team-based-learning (training in a team)                          |
| TC    | Typical curricula   |
| ERWR  | Educational and research work of residents                        |
| AC    | Academic Council  |
| CNM&O | Center for Nuclear Medicine and Oncology                          |
| GCC   | Graduate Career Center  |

## 1. Composition of the External Expert Commission

In accordance with ECAQA Order No. 16 dated April 20, 2021, an External Expert Commission was formed to conduct accreditation of educational programmes for bachelor's, residency, and master's specialties of Semey Medical University in the period 18-20.05.2021 in the following composition:



### **Chairperson of the External Expert Commission**

**KUZGIBEKOVA ALMA BOLATOVNA**,  
Candidate of Medical Sciences, Professor of the Department of Childhood Diseases, Karaganda Medical University,  
Honorary Worker of Education of the Republic of Kazakhstan, Accredited independent expert in assessing the quality of medical services.



### **Foreign expert**

**RIPP EVGENY GERMANOVICH**  
Candidate of Medical Sciences, Associate Professor, Head of the Accreditation and Simulation Center of the Institute of Medical Education of the Federal State Budgetary Institution "National Medical Research Center named after V. A. Almazov " of the Ministry of Health of the Russian Federation, Member of the Board of the Russian Society for Simulation Education in Medicine (ROSOMED), Member of the ROSOMED Programme Committee, Instructor of the European Resuscitation Council (ERC)



### **National academic expert**

**ALMAGUL AMANGELDINOVNA KAUYSHEVA**,  
Candidate of Medical Sciences,  
Vice-rector for educational and scientific activities of the Kazakhstan Medical University "HSPH",  
Accredited independent expert in assessing the quality of medical services, Deputy Chairperson of the Board RPO "Kazakhstan Alliance of Medical Organizations".



**National academic expert**  
SHUKIRBEKOVA ALMA  
BORANBEKOVNA,  
Doctor of Pharmaceutical Sciences, Professor,  
Dean of the Faculty of Pharmacy  
NJSC "Astana Medical University"



**National academic expert (online)**  
ISENOVA SAULE SHAIKENOVNA,  
Doctor of Medical Sciences,  
Professor of the Department of Obstetrics and  
Gynecology  
NJSC "Asfendiyarov KazNMU"



**National academic expert**  
ESENKULOVA SAULE ASKEROVNA,  
Doctor of Medical Sciences, Associate  
Professor of the Department of Oncology  
NJSC "Asfendiyarov KazNMU "  
Member of the Association of Oncologists of  
the Republic of Kazakhstan



**National academic expert**  
KUDABAEVA KHATIMIA ILYASOVNA,  
Candidate of Medical Sciences, Professor  
Department of Internal Medicine №1  
NJSC "West Kazakhstan Medical University  
named after Marat Ospanov "



**National academic expert**  
KENZHEGULOVA RAUSHAN  
BAZARGALIEVNA,  
Candidate of Medical Sciences,  
neurology residency instructor of  
Corporate Fund "University Medical Center"



**National academic expert**  
RINAT MUZAFAROV,  
Head of the Department of International  
Cooperation and Public Relations of the  
Republican State Enterprise "Republican  
scientific and practical center of psychiatry,  
psychotherapy and narcology " of MoH RK



**National academic expert**  
SADIEVA ZHANAR ZAMANKHANOVNA,  
anesthesiologist-resuscitator,  
Head of Postgraduate Education Department of  
JSC "South Kazakhstan Medical Academy"



**National academic expert**  
RAKHMANTOV ELTAI UTEMURATOVICH,  
PhD  
Deputy Director of Master's Degree in  
Sports Medicine and Rehabilitation of  
Nazarbayev University School of Medicine



**National academic expert**

RAMAZANOVA MANSHUK ANEROVNA,  
Senior Lecturer of the Department public  
health and Health care of  
NJSC "Asfendiyarov KazNMU"



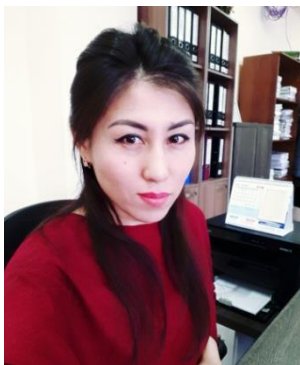
**Expert - employers' representative**

SARSENBINA LYAZZAT KYRYKBAEVNA,  
Candidate of Medical Sciences,  
highest qualification category  
in the specialty: "Public health",  
Chief physician of the MSOPE "CPMSP No.  
12, Semey



**Expert - representative of undergraduates**

MAZANBEKOVA MERUERT  
YERZHANOVNA,  
2nd year undergraduate student in the specialty  
"Pedagogy and Psychology" of the Kazakh  
Humanitarian - Legal Innovative University in  
Semey.



**ECAQA Observer**

UMAROVA MAKPAL ALDIBEKOVNA,  
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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 the bachelor's degree in the specialty 6B10103 - "Pediatrics" of the NJSC «Semey Medical University» for compliance with the Accreditation Standards of Basic Medical Education (Bachelor's Degree) of ECAQA medical educational organizations, recommendations of the EEC on further improving the educational activities of the university in the field of undergraduate education.

## 2. General part of the final report of the EEC

### **2.1 Presentation of NJSC «Semey Medical University» and educational programme bachelor's degree in the specialty 6B10103 - "Pediatrics"**

Semey Medical University is one of the largest higher medical educational institutions of the Republic of Kazakhstan, which has its own University hospital, as well as branches in the cities of Pavlodar and Ust-Kamenogorsk.

In 1952, a decree was issued by the Cabinet of Ministers of the Soviet Union on the opening of the university. Semey Medical University was founded on September 1, 1953 with the opening of the Faculty of Medicine, to which the first 320 students were enrolled. Graduates of the university successfully work throughout Kazakhstan, in the near and far abroad. Semey Medical University has rich historical traditions, huge potential and reputable schools. For 65 years now, he has been contributing to the development of medicine and strengthening the health of the population of Kazakhstan.

The university implements educational programmes of higher professional education, master's programmes, residency, doctoral studies. The contingent of students is more than 5000, thus. the university has a long experience in implementing bachelor's programmes in various specialties.

Training is conducted in the state, Russian and English languages. The form of study is full-time, full-time. Training of students in clinical skills is carried out on the basis of the Department of Simulation Technologies, on its own clinical base - at the University Hospital of the NJSC "SMU".

The mission of the Non-Commercial Joint Stock Company "Semey Medical University" is "Assistance in improving the health of the population of Kazakhstan through high-quality training of competitive specialists, by integrating the world practice of education, science and clinics."

The educational programme of the bachelor's specialty 6B10103 - "Pediatrics" is planned for implementation in the 2021-2022 academic year, i.e., at this time, it is undergoing an initial assessment with an analysis of all processes and the readiness of educational and methodological documentation.

The educational bachelor's programme of the NJSC «Semey Medical University» in the specialty 6B01103 - "Pediatrics" is aimed at training a graduate corresponding to the competence model of a specialist, developed on the basis of the State Educational Standard of the Republic of Kazakhstan, Order No. 647 with amendments dated 02.21.

The mission of the educational programme for undergraduate 6B01103 - "Pediatrics" is to train a qualified, competitive pediatrician with a system of professional competencies in pediatric care by integrating best world practice in education, science and clinic. (Approved by the Academic Committee on March 18, 2021, Minutes No. 17).

### **2.2 Information on previous accreditation**

The accreditation of the educational programme has not been carried out before.

### **2.3 Analysis of the self-assessment report of the educational programme in the specialty of undergraduate 6B01103 - "Pediatrics"**

Self-assessment report educational programme presented on 108 pages of main text, 44 page annexes and copies or electronic versions of documents on educational organization located at the link <https://drive.google.com/drive/folders/1wIMbBrvjEywnKneCMflbOWjb8E4-0pef>

The report is characterized by the completeness of answers to all 9 accreditation standards, structuredness taking into account the recommendations of the ECAQA Self-Assessment Guidelines, as well as the internal unity of information provided by the accredited organization about its activities. The report is accompanied by a cover letter signed by the Chairperson of the Board - Rector prof. E.T. Zhunusova confirming the accuracy of the information and data contained in the report.

Self-assessment of the educational programme in the specialty of bachelor's degree 6B01103 - "Pediatrics" of the Non-profit Joint Stock Company "Semey Medical University") was carried out on the basis of order No. 32 dated January 18, 2021 "On the creation of a Working group for writing a" Self-assessment Report "of specialized and primary accreditation for 18 educational programmes of the NJSC «Semey Medical University» and No. 56 of January 29, 2021. , on the additional inclusion in the working group of representatives of practical health care and students from 18.01.2021 №32.

The working group on the preparation of the self-assessment report did some work: 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 undergraduate education programmes 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 strengths, areas for improvement for each of the 9 standards.

Recommendations were identified for Self-assessment report:

1.3.2 It is not described how the institution guarantees that the student fulfills obligations towards doctors, teachers, patients and their relatives in accordance with the Code of Conduct.

2.5.2 The safety of all participants in the educational process is not described, incl. the patient.

2.6.1 The content, scope and sequence of cycles and other elements of the educational programme is not described in order to ensure that an appropriate balance is observed between the basic biomedical, behavioral, social and clinical disciplines.

2.8.1 The operational relationship between the EP and subsequent stages of training or practice, which the student will enter upon graduation, is not described, with due regard to local, national, regional and global conditions

3.1.1. it is not fully described how the university maintains a balance between written and oral examinations, uses assessment methods based on criteria and reasoning.

In 3.2.1, it is not fully reflected how the institution ensures the appropriate balance between formative and summative assessment in order to guide learning and assess the student's academic progress, which requires the establishment of rules for assessing progress and their relationship to the assessment process.

4.3.3 It is not described how confidentiality is maintained regarding student counseling and support.

Standard 5.1.1 does not describe how NJSC SMU has defined and monitored the responsibilities of academic staff / teachers of basic biomedical sciences, behavioral and social sciences and clinical sciences.

6.5.1 does not describe how the university has defined and implemented a policy on the use of expertise and research in the field of education in the development of an educational programme.

6.5.2 does not describe how the university has defined and implemented a policy on the use of expertise and research in developing teaching methods and assessing knowledge and skills.

7.1.2. The mechanisms for evaluating the educational programme aimed at student progress are not covered

7.1.3 the mechanisms for ensuring the appropriate results of the assessment for the improvement of the educational programme are not described.

7.3.1. It is not presented how the university conducts an analysis of the educational achievements of students and graduates, regarding: the mission of the educational programme, the final learning outcomes and the provision of resources.

Standard 8.3.2 does not fully describe how the university allocates the resources necessary for the implementation of the educational programme and distributes educational resources in accordance with the needs;

The database and applications are presented in full, sequentially and there are references to them in the text of the report. The report is written in a competent language, the wording for each standard is clear and understandable, the tables contain references in the text and are consecutively numbered.

After finalizing these recommendations, the university provided complete information on the relevant accreditation standards and recommended to proceed to the next stage of the accreditation procedure - external assessment.

#### **2.4 General assessment of the educational programme in the bachelor's specialty 6B01103 - "Pediatrics" for compliance with the Standards of accreditation of basic medical education (bachelor's degree) of medical educational organizations.**

Based on the analysis of the self-assessment report by external experts, it was found that the content of the self-assessment report is structured in accordance with the ECAQA accreditation standards and the recommendations of the Self-Assessment Guidelines, at the same time, based on the results of the expert commission, recommendations for adjustments were made, which were taken into account by the working group.

The report is written sequentially in compliance with the logic in the description of the standards, the wording for each standard is clear and understandable, the tables contain references in the text and are consecutively numbered. There are links to regulations, model rules, regulations, teaching documents, website pages <https://semeymedicaluniversity.kz/obuchenie/obrazovatelnye-programmy/rezidentura/>

The self-assessment and description were carried out in accordance with the criteria of the ECAQA accreditation standards and the questions formulated in the Self-Assessment Guidelines were answered. All standards show actual practice of NJSC «Semey Medical University» (SMU), for the preparation of bachelors in the specialty of undergraduate 6B01103 - "Pediatrics", 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. Self-assessment report description is fairly completed and updated information about the selection and admission, the results of training, the results of the assessment of knowledge and skills, the material and technical base of the university and clinical bases, contractual obligations with partners (universities, associations, bases), financial information, plans for development and improvement, etc.

Conclusion on each of the 9 accreditation standards includes a description of the strengths and areas for improvement identified in the course of introspection and development prospects for the specialty.

Thus, the self-assessment report of the accredited educational programme in the bachelor's specialty 6B01103 - "Pediatrics" of the NJSC «Semey Medical University» contains objective, detailed, structured information on all activities in accordance with the ECAQA accreditation standards, and the university made the appropriate corrections in the report at the stage expert commission.

### **3. Description of external expert commission**

External expert work on the assessment of the undergraduate educational programme 6B01103 - "Pediatrics" of the NJSC «Semey Medical University» was organized in accordance with the Guidelines for the external assessment of educational organizations and educational programmes of ECAQA (approved by the order of the Director General of the "Eurasian Center for Accreditation and Quality Assurance in Higher Education and Health care "No. 5 of February 17, 2017) and according to the programme and schedule approved on May 6, 2021 by the Director general of ECAQA Sarsenbayeva S.S. and agreed with the rector E.T. Zhunusov.

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 bachelors, observation, study of the website, interviewing employees of various structural units, teachers, questioning teachers and students, review of resources in the context of fulfilling accreditation standards, studying educational and methodological documents both before the visit to the university and during the visit.

The staff of the NJSC «Semey Medical University» ensured the presence of both the administrative and managerial staff and representatives of the pediatric departments (Table 1).

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

| <b>N o.</b> | <b>FULL NAME.</b>                   | <b>Position</b>  |
|-------------|-------------------------------------|--|
| 1.          | Akhmetzhanova Dinara Oralgazyevna   | Head Department / Department of Pediatric Disciplines named after D.M. Tusupova            |
| 2.          | Alimbaeva Aliya Rakhmetullinovna    | Acting Associate Professor / Department of Pediatric Disciplines named after D.M. Tusupova |
| 3.          | Zharkimbaeva Almira Dalelevna       | Assistant / Department of Pediatric Disciplines. D.M. Tusupova                             |
| 4.          | Imanmadieva Danara Muvaryakovna     | Assistant / Department of Pediatric Disciplines. D.M. Tusupova                             |
| 5.          | Alikenov Kazbek Kuandykovich        | Assistant / Department of Pediatric Disciplines. D.M. Tusupova                             |
| 6.          | Gamzaeva Esmira Mansurovna          | Assistant / Department of Pediatric Disciplines. D.M. Tusupova                             |
| 7.          | Kozhanova Akmaral Saparovna         | Assistant / Department of Personalized Medicine and Pediatrics                             |
| 8.          | Sharapatova Kulyash Gausilievna     | Assistant / Department of Personalized Medicine and Pediatrics                             |
| 9.          | Nysanbekova Aigul Amangeldinovna    | Assistant / Department of Personalized Medicine and Pediatrics                             |
| 10.         | Toktabaeva Bakytkul Zhumagalievna   | Head Chair / Chair of Propaedeutics of Childhood Diseases                                  |
| 11.         | Zhagiparova Zhanat Karimovna        | Associate Professor / Department of Propedeutics of Childhood Diseases                     |
| 12.         | Dolinnaya Valentina Timofeevna      | Associate Professor / Department of Propedeutics of Childhood Diseases                     |
| 13.         | Rakhimbaeva Saltanat Zhanibekovna   | Head teacher / Department of Propaedeutics of Childhood Diseases                           |
| 14.         | Koishybaeva Kuralai Zharylkasinovna | Assistant / Department of Propedeutics of Childhood Diseases                               |
| 15.         | Kabdollina Zhansaya Ualikhanovna    | Assistant / Department of Propedeutics of Childhood Diseases                               |
| 16.         | Smagulova Ayman Ermekovna           | Assistant / Department of Propedeutics of Childhood Diseases                               |
| 17.         | Sukim Dana Abdullakzy               | Assistant / Department of Propedeutics of Childhood Diseases                               |
| 18.         | Zhangalieva Gulaym Medetkalievna    | Assistant / Department of Propedeutics of Childhood Diseases                               |

|     |                           |  |
|-----|---------------------------|--|
| 19. | Ualieva Kymbat Talgatovna | Assistant / Department of Propedeutics of Childhood Diseases |
|-----|---------------------------|--|

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

**The first day of the visit is 05/18/2021.** An interview with the management and key employees of the SMU made it possible to determine the fulfillment of most of the criteria for accreditation standards 1, 2, 5, 7, 8, 9, namely, to identify approaches in developing the mission of the educational programme and its compliance with the strategic goals of the university, the role and place of higher education in clinical direction in the university's strategy (plan), mechanisms in determining clinical bases and qualified teachers, guaranteeing the adequacy of educational resources through planning public procurements and concluding agreements with country and international partners (more than 100 contracts). Realizing that the accredited bachelor's programme is relatively new, since the first admission is planned in 2021-2022, experts have studied in detail educational, methodological and resource support of the educational programme 6B10103 Pediatrics. It was noted that the programme was developed in accordance with the State Educational Standard of Education and the standard educational curriculum (order 647 with amendments dated 02.21.2020), approved by the Academic Committee (03/18/2021, protocol No. 17), an external review of the programme in the specialty "Pediatrics" was given by the Deputy Chief doctor of the MSE on the REM "Polyclinic No. 2 of the city of Semey" - Nurzhanova Sh.M. and an internal review of the programme was carried out by the Deputy Director of the Medical Department of the University Clinic of NJSC "SMU". Thus, at the stage of development and approval, the educational programme passed the main stages of internal and external assessment.

The experts found that the university strictly adheres to the requirements of regulatory legal acts and SES in the implementation of educational programmes, and the management systematically monitors this process during internal audits (QMS, mutual control, control of the vice-rector for academic work, reporting, etc.).

The basis for effective management is the SMU Quality Assurance Policy and the "Department Policies" developed at the departments, as well as adherence to the Quality Guidelines when documenting the educational process.

Conversation with Deputy Chairperson of the Board for Academic Affairs M.A. Zhanaspayev allowed experts to learn about approaches to attracting employees of clinical bases for teaching in a bachelor's degree, about the strategy and tactics of recruiting students for different specialties, information security before graduate education, and also to identify problems in the management and development of human resources.

**The second day of the visit is 05/19/2021.** This day was devoted to visiting clinical sites for the implementation of the educational programme 6B10103 Pediatrics: University Clinic of NJSC "SMU"; Children's Infectious Diseases Hospital; Educational Medical Center "Venus"; City hospital No. 2 Koishybaeva K.Zh .; Polyclinic No. 1 in Semey. At the clinical sites, experts surveyed the resources of the accredited educational programme, their compliance with bachelor's degree courses, accessibility for teachers and students, how modern this equipment is and meets the needs of students and practical Health care.

The experts obtained evidence of compliance with accreditation standards 2 and 6, as well as validation of the information in the self-assessment report of the educational programme.

On the same day, interviews were held with teachers, students and employers (representatives of practical health care). It is necessary to take into account the fact that there was no graduation from the accredited educational programme, so it was not possible to interview graduates, however, the experience and authority of the SMU in teaching bachelors shows a high percentage of employment (>

90%) of graduates of other bachelor's educational programmes and their demand for medical organizations of all regions of Kazakhstan.

Interviews with teachers, as providers of the bachelor's programme, showed that there are both successes and problems in the management of the educational programme, depending on the specific clinical base (admission of students to the equipment, a sufficient number of thematic patients, time for maintaining medical records, independent work of students) ... The experts received answers about the teacher training programme, the financing of this training, the availability of certification in teaching methods for teachers.

On the same day, the experts familiarized themselves with the materials on the admission of students and the selection of teachers.

In order to validate the fulfillment of the data of the self-assessment report and obtain evidence of the quality of the programmes, interviews were conducted with students in the specialty of Pharmacy (due to the lack of a set in the specialty of Pediatrics). 20 bachelors attended. The experts asked questions about satisfaction with studying at the university, sufficient time for practical training, supervision of patients and work with medical records, as well as satisfaction with teaching methods and qualifications of teachers. In general, the bachelors are satisfied with the training, assessment methods, and purposefully entered this university, since they believe that the SMU has excellent clinical bases and experience in teaching students. Students believe that they will be able to successfully apply the acquired knowledge and skills in the process of further practical work after graduation.

The students showed their commitment to the organization of education, were active in answering questions from external experts, demonstrated their judgments on the organization of training, assessment of their skills, advisory support, opportunities to participate in research work, etc.). As an example of the best practice of the university, experts studied the results of a formative, summative assessment, an integrated exam for 3rd year students in the specialty "General Medicine", the results of a questionnaire survey of students conducted in the 2019-2020 academic year).

Interview was conducted online and included such issues as: knowledge of the mission of the university, participation in the development of the mission and proposals in the strategic plan, participation in the work of the SMU advisory bodies, satisfaction with the basic knowledge and skills of students, teaching methods, assessment of knowledge and skills of students in the learning process, providing the department and students 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 graduates, etc. Employers are interested in employment of university graduates.

A review of resources showed that the clinical sites: Semey University Hospital, Venera LLP, Semey Children's Hospital, Pavlodar Regional Children's Hospital, PHC medical organizations - correspond to the goals and objectives of the accredited educational programme in terms of the profile of beds, the number of thematic patients, modern equipment and its availability to all students, and the staff of the department ensure collegial and ethical relations with the medical staff, the leadership of the clinical base to achieve the final results of the educational programme. There are more than 10 training rooms at clinical sites. Before starting the corresponding discipline of the educational programme, students receive a syllabus from the teacher and know what skills he must acquire and develop during training.

The main methods of teaching students in the specialty of Pediatrics 6B10103 are: brainstorming, discussion, discussion of a clinical case (CBD - Case-based discussion), CBL, TBL, PBL, supervision of patients, maintaining medical records, work in various departments of medical and preventive organizations, participation in morning medical conferences, on rounds, consultations, clinical analyzes. Analysis of case patients, work in small groups, presentation of a clinical case for analysis, participation in scientific and practical conferences and seminars. Participation in role-playing and team games.

The experts examined the documentation Department of Propedeutics of Childhood Diseases, which confirmed the compliance of accreditation standards (nomenclature of affairs of the department, Annual work plan of the department 2020-2021 academic year, EMCD, questionnaires and feedback results from students in the specialty "General medicine", teachers, measures taken, code of ethics, etc.).

**The third day of the visit November 20, 2020** in accordance with the visit programme of the EEC, a meeting was held with the director and employees of the Department of Academic Work and employees of the Center for Strategic Development and the Quality Management System. At a meeting with the director of the DAR, information was obtained on the organization of educational and methodological work, ensuring control over the compliance of the educational programme of the university with the requirements of the State standards of higher professional, postgraduate and additional education and educational programmes, regulatory acts of the Ministry of Education and Science of the Republic of Kazakhstan, the Ministry of Health of the Republic of Kazakhstan; planning, management, control and improvement of organizational and methodological processes for the use of innovative educational technologies; organizing support for the professional development of a young teacher, coordinating the work of the "School of a young teacher", "School of the manager; digitalization of academic activities, including the electronic CAPES programme.

Employee interviewing center for strategic development and quality management system. Introduced the main areas of work of the center: development and updating of the Development Strategy of NJSC "SMU"; development of measures for its implementation; organization of work on confirmation by NJSC "SMU" of compliance with 5 stars of the European Foundation for Quality Management (EFQM); expansion of cooperation between the university in the European, Asian regions, as well as universities and research institutes in Russia; increasing the academic mobility of students and teaching staff of NJSC "SMU"; improvement of the CPI system; Implementation of project management;

Then a meeting of the EEC members took place following the results of the external evaluation. A final discussion of the results of external assessment, study of documents, results of interviews, interviews, questionnaires was held. The members of the EEC started to design the final report of the EEC.

A meeting of the EEC members was held. EEC members made generalizations of the results of the external evaluation. The experts individually completed the "Quality profile and the criteria for external assessment of the NIC for compliance with the Accreditation Standards of the Bachelor's Degree Programme in Medical Education Organizations of ECAQA". No comments were made by the EEC members. Recommendations for improving the postgraduate education sector in general and the department implementing the accredited educational programme were discussed. A draft report with recommendations was prepared.

Chairperson of the EEC prof. Kuzgibekova A.B. a final open vote was held on the recommendations for the SMU and a final vote on the recommendations for the ECAQA Accreditation Council. Then the Chairperson of the EEC for the management and employees of the educational organization announced recommendations on the results of an external assessment in the framework of accreditation for 18 educational programmes of the NJSC SMU.

### **Results of the survey.**

An observer from ECAQA in 16-18.15.2021 conducted an online survey of students and teachers of the AMU on the resource [https://webanketa.com/...](https://webanketa.com/)

### **Results of the survey of bachelor's, master's, residents' and alumni students:**

Of the total number of respondents, residents prevailed - 79%, further down the list: bachelor students - 9.5%, undergraduates - 7.5%, graduates - 4%.

Will recommend this university as an educational organization - 86% fully agree, partially - 11%. 90% of those surveyed fully agree and 8.5% partially agree that programme managers and teaching staff are aware of their learning problems. Fully (88.5%) and partially (10%) are satisfied with the

conditions and equipment of classrooms and classrooms of the university. According to 87% (in full) and 11.5% (in part), office equipment is available for students at practice bases. Teachers provide students with methodological and didactic materials, additional literature to prepare for classes - 92% fully agree, partially - 6%. Fully (90.5%) and partially (9%) are satisfied with the library fund and resources. 97% of respondents have access to electronic educational resources, and 3% believe that it is partially.

The organization of clinical training for students in the opinion of 84.5% fully satisfies them, and 12.5% partially. There is enough time for practical training (supervision of patients, etc.) - 93.5% fully agree, and 5.5% partially. Satisfied with the methods of assessing my knowledge and skills - 94.5% fully agree, 3.5% partially. In the opinion of 88.5% of teachers in the classroom, they use active and interactive teaching methods regularly, and in the opinion of 9.5% - rarely.

In the opinion of 92% of the respondents, teachers constantly provide feedback after the end of classes, but in the opinion of 5% - sometimes and 0.5% - rarely. 94% are completely satisfied that they are studying at the university, partially 4.5%, disappointed - 1% of the respondents. The university allows you to improve or acquire the necessary knowledge and skills in the chosen specialty, 97.5% are confident, 2.5% would like to believe it. Fully (94.5%) and partially (5.5%) are satisfied with the organization of teaching at the SMU.

According to 87% of respondents, accreditation is a necessary mechanism to improve educational programmes, but 8.5% believe that it is not necessary to carry out and 4% doubt the answer. The work of the EEC was assessed as positive - 97.5%, satisfactory - 0.5%, i.e. majority.

### **Results of the survey of programme teachers:**

The total number of teachers on the list is 97. The total number of respondents is 67, including those with up to 5 years of experience - 20.9%, up to 10 years - 14.93%, over 10 years - 64.18%. Among the respondents, teachers of Pharmacy (bachelor's degree) - 23.88%, Master's degree in Medicine - 20.9%; Master's Degree in Health Care Management - 7.46%; Masters in other directions - 8.96%; Residencies - 38.81%.

82.09% are fully satisfied with the organization of the educational process, 16.42% are partially satisfied. At the university, ethics and subordination are observed in full agreement 94.03%, in part - 5.97%. 89.55% of respondents are completely satisfied with the organization of work and workplace, partially 8.96%. In the organization there is an opportunity for career growth and development of competence for teachers - 83.58% fully agree, partially - 14.93%.

In this educational organization, teachers have the opportunity to engage in scientific work and publish the results of research work - 77.61% fully agree, partially 14.93%. 68.66% of respondents are fully satisfied with the work of the personnel department, 28.36% are partially satisfied. Most of the respondents underwent advanced training during this year. Only 91.04% fully agree that they can realize themselves as professionals, and 8.96% - partially. Unfortunately, 17.91% did not answer the question of whether the university supports the teacher in participating in international and national events, and 16.42% did not contact the management or the relevant administrative staff of the university with this. The majority of respondents (85.07%) completely agree, and 13.43% partially agree that the discipline that is taught is provided with sufficient resources (audience, equipment). 59.7% do not know about the implementation of social programmes to support teachers and 1.49% of respondents doubt their existence. Management and administration systematically listen to the opinion of teachers - 62.69%, sometimes - 25.37% of respondents. When teaching students, a variety of teaching methods are used, but more often the analysis of situational tasks (88.06%), work in small groups (62.69%), oral questioning and analysis of the topic (64.18% and 71.64%, respectively), also problem-oriented learning (38.81%), test solving (71.64%), less often cases are compiled and solved (71.64%). 64.18% fully agree that this survey will be useful for developing recommendations for improving the university and educational programmes, 28.36% partially agree with this. 7% and 1.49% of respondents doubt their presence. Management and administration systematically listen to the opinion of teachers - 62.69%, sometimes - 25.37% of respondents. When teaching students, a variety of teaching methods



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

### **Conclusion on the basis of the external evaluation:**

Members of the EEC have carefully studied and assessed the main indicators of the accredited educational programme. The information received by external experts during the study of the self-assessment report, preparation of a written review with recommendations for improvement, implementation of the activities of the SMU visit programme was analyzed. All the information received was compared with the data of the self-assessment report, which made it possible to ensure the accuracy of the information provided by the SMU and supporting documents for compliance with the ECAQA Accreditation Standards.

Despite the fact that the SMU described its best practice on adherence to accreditation standards in the self-assessment report of the educational programme, during the external expert commission, the EEC members studied the main documents (mission, strategic plan 2019-2023 and 2020-2024, EP on Pediatrics, individual plans teachers for the 2020-2021 academic year, publications, certificates of teachers, personnel policy, an internal quality assurance system programme, resources for training were viewed directly at the clinical bases of departments (classrooms, office equipment available for students to work with literature, patient documentation, educational and methodological literature), which made it possible to identify the compliance of the educational organization with the basic accreditation standards.

During the external examination, it was found that clinical bases provide training at all levels of medical care (from primary care to highly specialized) accredited educational programme, there are more than 8 clinical bases, of which five were visited by experts. During the visit to clinical sites, the educational resources available for training in the educational programme "Pediatrics" were assessed.

The experts took into account the fact that the accredited educational programme for the current state educational standard is planned for implementation during the 2021-2022 academic year, therefore, at this time there is no graduation of students, nevertheless, the entire educational, methodological, personnel and resource base has been assessed for compliance with accreditation standards. Through interviews with teachers and interviews with students, it was possible to determine their direct participation in the development (committees of educational programmes / CEP, meetings of departments), assessment of educational programmes (CEP), decision-making on a number of key issues in the choice of clinical sites.

At the same time, this substantiated the need for inclusion in post-accreditation monitoring, along with the implementation of the EEC recommendations, an analysis of the implementation of the criteria of standards 3, 4 and 9, an annual report on the contingent of students.

Recommendations for improving activities in the implementation of the educational programme in the specialty "Pediatrics" for compliance with the Accreditation Standards, developed by the EEC based on the results of the expert assessment, were presented at a meeting with the management on 20.05.2021.

The programme of the 3-day visit of the external expert evaluation of the EEC has been fully completed. On the part of the SMU team, the participation of all persons indicated in the programme is ensured.

Thus, the external assessment and the visit of the EEC members made it possible to verify and validate the data of the self-assessment report of the bachelor's programme in full in accordance with the Regulation on the External Expert Commission, Guidelines for external assessment of the medical organization ECAQA education.

For the work of the EEC, comfortable conditions were created, access to all necessary information and material resources of the accredited educational programme was organized. Experts note the high level of corporate culture and discipline of those responsible for the postgraduate education of the SMU staff, department, staff of clinical bases, a high degree of openness of the team in providing information to members of the EEC.

#### **4. Analysis for compliance with accreditation standards based on the results of an external assessment of the Bachelor's educational programme in the specialty "Pediatrics" SMU and an overview of the strengths for each standard.**

##### **Standard 1: MISSION AND END OUTCOMES**

The mission and vision of the EP in the specialty "Pediatrics" correspond to the mission and vision of NJSC "SMU", the current management system and policy in the field of quality assurance and is communicated to the interested parties in a concise and clear formulation reflecting its declared intentions, through publication on the university website, sent to corporate e-mail, discussed at department and other meetings. EP 6V01103 was compiled taking into account the achievements of medical research, agreed with specialists in practical health care and other interested parties, and is available for review on the university website.

The team of pediatric departments responsible for the basis of the mission of the educational programme and goals accepted the mission of the university and informed interested parties (teachers, employers, students) about it in order to clearly understand the tasks and strive to meet the needs of practical health care. The structure of the educational programme, where there is a dominance of practical training, the sufficiency of clinical bases and a mentoring system allow strengthening the patient-centered approach in the implementation of patient care and treatment. The university organized training and clinical practice in compliance with safety for all participants in the educational process (safety precautions, use of PPE, instructions before training).

Responsible for the educational programme of Pediatrics Propedeutics of Childhood Diseases, Department of Pediatric Infectious Diseases, Department of Pediatric Surgery, Orthopedics and Pediatrics. D.M. Tusupova applies a variety of innovations in the learning process, which allow

developing the basic and special competencies of students, namely, work at the patient's bedside, clinical analyzes, solving situational problems, protecting medical records.

The experts received convincing data that the university is autonomous in making decisions in the development of an educational programme in terms of the elective component, the current and final assessment policy, including the choice of assessment methods (testing, oral questioning, clinical examination), selection and admission of students, personnel policy in relation to educators for the accredited study programme; and resource allocation.

The university has developed a Student Ethics Code, which the students are familiar with, and work on the development and improvement of communication skills is carried out systematically and integrated into the work programme.

Overall, Standard 1 demonstrates compliance.

**Strengths:**

1. Compliance of the mission with the current management system, policy in the field of ensuring the quality of education, its adoption by the Academic Council;
2. Compliance with the mission, goals and objectives of the available resources, the capabilities of the university and the requirements of the labor market;
3. Participation of stakeholders in the development of the mission, goals and objectives;

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

**Standard 1:** completed

**Standard 2: EDUCATIONAL PROGRAMMES**

Accredited programme in the specialty "Pediatrics" developed in accordance with the State Educational Standard and the standard educational curriculum, order 647 with additions dated 02.21.2020), approved by the Academic Committee dated 03.18.2021, protocol 17, it is planned to implement it in the 2021-2020 academic year. A competency model has been developed in accordance with the qualification requirements for the specialty. The structure, content and duration of the programme are clearly defined. The mechanism for the development and approval of the programme is determined and regulated by the CEP.

The staff of the departments has the necessary competencies for training. The teachers of the departments use a variety of methods of active (business games, brainstorming, clinical analyzes, case studies, etc.), integrated and traditional (oral analyzes, mini-lectures) training, according to which staff members are periodically trained within the university, less often in other organizations (Nazarbayev University, NJSC "MUK", etc.). The dean's office is trying to monitor this process and through the School of Pedagogical Skills trains young teachers.

EP in the specialty "Pediatrics" was developed with the participation of representatives of students, employers, taking into account the needs of the health care system. EP provides a logical sequence of disciplines, aimed at consistent and gradual mastering by students of general and special competencies. Each discipline serves as a pre- or post-requisite for the study of another discipline. EP "Pediatrics" is based on credit-modular technology. Starting from the first course, all modules are integrated both horizontally and vertically. EP is aimed at acquiring key and professional competencies and is focused on the final results of training. Trainees have early contact with real patients. Patient safety in clinical education is ensured through the widespread use of simulation technologies in the educational process. Internal and external expertise of the EP, assessment of the quality of the teaching staff and departments is being implemented. These procedures, combined with feedback from employers (questionnaires), make it possible to identify areas for improvement in the training of specialists. Due to the availability of clinical bases for students, they spend most of their study time in close contact with patients, medical records, including automated health systems. When conducting interviews with trainees, experts made sure that the organization of training and work is patient-oriented, at the same time, there is not always a sufficient number of thematic patients, time for theoretical analysis of complex topics and study of literature in modern databases. Clinical training is

carried out in the conditions of accredited multidisciplinary clinics and rehabilitation centers in Semey, Pavlodar and Oskemen.

**Strengths:**

1. Maintaining the principles of continuity of teaching EP and the transition from content assessment to competency assessment.
2. Involvement in the evaluation of educational programmes of students, teachers, employers.
3. Strategic partnership with Bashkent University in the issues of revising and adapting the educational programme on "Pediatrics".
4. Sufficient number of practice bases and their good material and technical equipment

**Conclusions of the EEC on the criteria.** Out of 24 standards conform: completely - 22, significantly - 2, partially - 0, do not correspond - 0.

**Standard 2:** completed

**Standard 3: ASSESSMENT OF STUDENTS**

The SMU has a well-functioning system for assessing the educational achievements of students. Current performance through formative assessment, consisting of a practical part (50%) and a test exam (50%). Each academic period ends with a summative assessment of students in accordance with the academic calendar, WC and other NLA. EP in the specialty "Pediatrics" is compiled according to the principle of integrated learning by module, which allows students to take integrated exams, and this, in turn, prevents student overload and reduces the number of exams during the session.

At the end of each lesson, it is mandatory to provide feedback. Feedback is also collected at the end of the study of the discipline by means of questionnaires. The analysis of the results of the questionnaire is discussed at a meeting of collegial bodies and serves as the basis for making adjustments in terms of teaching methods and assessing the knowledge and skills of students and further improving the educational process in EP "Pediatrics"

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

Transparency and accessibility of the assessment policy and procedure is achieved by conducting a computerized exam on an isolated server using electronic checklists. Downloadable test tools (KISs) are double checked, which improves the quality of assessment of students' knowledge.

All the results of mastering the programme are entered in the ASSUP KEYPS. Each student of the programme sees the specification tables (blueprint) for each topic by logging into the system using a personal login and password.

Upon completion of the discipline, students take a summative exam in accordance with the final learning outcomes.

The analysis of key indicators of the process is discussed at the meetings of the department. The procedure for planning, organizing, monitoring and reviewing assessment methods in the SMU ensures the reliability and validity of these methods. The development of new control and measuring tools is carried out by teachers through the study of world experience in the assessment of knowledge, then it is introduced at the department. At the same time, no examples of test validation were presented to the experts.

Thus, this standard is generally implemented at the university.

**Strengths:**

1. Availability of the approved Code of honor of students, the policy of academic honesty of NJSC "SMU"
2. Use in the educational process systems of automated information system "KEYPS"...
3. Automatic psychometric analysis in the "KEYPS" system to determine the validity and reliability of test items
4. The use of various methods for assessing the educational achievements of students

5. Integrated student assessment

6. Low risk of a conflict of interest: the involvement of independent examiners, video recording, the availability of appeals, the presence of clear assessment criteria prescribed in blueprints and checklists, the introduction of a proctoring system, etc.

7. The current automated system of questioning students to control the quality of training

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

**Standard 3:** completed

#### **Standard 4: STUDENTS**

In the NJSC "SMU", the admission of students to the EP "6B01103 Pediatrics" will be carried out on the basis of the NLA, Regulations on the admission of students to higher and postgraduate education in NJSC "SMU".

An admission committee is created annually for the admission of applicants, with the preparation of a work plan. Materials about admission are posted on the university website, in social networks. NJSC "SMU" provides for a social adaptation and support programme for students.

Active work is underway on student exchange and academic mobility with foreign partner universities.

Services for the organization of advisory, psychological, social, legal, financial, medical support for students are actively working for students.

In mastering the EP, students are assisted by qualified advisers, curators, and consultants. Students travel at the expense of the university to other cities and countries to participate in Olympiads, competitions, conferences. Twice a year (June, December), a survey is conducted among students to identify and meet their needs. Student representatives included the composition of the collegial governing bodies of the university.

##### **Strengths:**

1. Transition to digitalization of the procedure for accepting documents (online admission), a virtual admission committee;
2. Functioning of the Call-center for consulting applicants.

**Conclusions of the EEC on the criteria.** Out of 14 standards conform: fully - 14, significantly - 0, partially - 0, do not correspond - 0

**Standard 4:** completed

#### **Standard 5: ACADEMIC STAFF / FACULTY**

The recruitment of teaching staff at NJSC "SMU" is carried out on the basis of the NLA, Regulations on the competition for filling positions of teaching staff and the Charter of NJSC "SMU", Personnel policy of September 30, 2019., corresponding to the profile of the taught discipline, engaged in scientific, educational, methodological and / or practical activities in the field of health care. The competencies of the teaching staff of NJSC "SMU" were approved. To implement the EP, the university has a sufficient staff of teachers, the total number of which is determined taking into account the number of disciplines, academic load standards, and the student body. In order to ensure the quality of clinical training, leading specialists in practical health care are involved.

The teaching staff simultaneously performs several types of activities: pedagogical, scientific, methodological, clinical, social. When distributing the teaching load and scheduling teachers, a balance is ensured between teaching and other types of work. Observing the principle of the trinity of education, science and practice in accordance with an individual plan, along with academic activities, they carry out clinical work and scientific work. For clinical activities, each teacher of the department receives an additional fee.

All employees of the department carry out a therapeutic load, in particular, the heads of the department and professors conduct 30 consultations every month, associate professors and assistants supervise (treat) up to 30 patients. In addition, the teaching staff, headed by the head of the department,

hold clinical conferences for doctors of the clinical base, as well as hospitals in Semey. Graduate teachers and those with the highest medical category in the specialty review the stories of deceased patients, give an expert opinion on deaths not only in the clinical base, but in the hospitals in Semey and the districts of the East Kazakhstan region.

Every year, the volume of the teaching load for each teacher is revised downward: if in the 2018-2019 academic year the volume of the teaching load for the assistant was 750 hours, then in the 2019-2020 year it is 700 hours, in the current 2020-2021 academic year - 600 hours.

**Strengths:**

1. High qualification level of teaching staff;
2. Implementation of differentiated payment for teaching staff - a CPI system based on the principles of transparency and measurability of indicators;
3. Systematic monitoring of professional achievements in pedagogical, methodological, research and educational work of the teaching staff.

**Conclusions of the EEC on the criteria.** Out of 4 standards conform: completely - 3, significantly - 1, partially - 0, do not correspond - 0.

**Standard 5:** completed

### **Standard 6: EDUCATIONAL RESOURCES**

NJSC "SMU" adequately provides students of all specialties with appropriate conditions and opportunities for clinical training. The successful implementation of the EP "Pediatrics" of the NJSC "SMU" allows a high level of material and technical base: educational and laboratory buildings (morphological, biochemical, educational and clinical); library (total area - 1362.13 sq. m), consisting of three main departments; educational and scientific laboratory of 6 departments: biochemical, morphological, hygienic, physiological, microbiological and immunological; 7 simulation classes; interactive classes; educational and clinical center; clinical bases - the University Hospital of the NJSC "SMU", the emergency hospital, the KGKP on the REM "Infectious Hospital of Semey" and other medical and preventive institutions in the city of Semey. The university provides free access to students, teaching staff and staff to the Internet and Wi-Fi throughout the university, clinical bases. Information and communication technologies implement distance learning. The electronic KEYPS system is actively used. Students use electronic textbooks, multimedia presentations, electronic video lectures, training programmes, testing programmes, programmes for the formation of an individual learning path and schedule. The university has provided access to the national subscription of the Ministry of Education and Science of the Republic of Kazakhstan to the Scopus and Science direct databases of the Elsevier publishing house; to the open platform Web of Science; to the electronic resources of the publishing houses Book-Up, UpToDate, Epigraph, Aknur-press, etc. The Antiplagiat programme has been introduced. The university has concluded 21 agreements on international cooperation and academic mobility, signed 10 memorandums

**Strengths:**

1. A wide selection of clinical sites and the possibility of rotation in various medical institutions, including private clinics;
2. Developed information and communication technologies (website of NJSC "SMU", platform "Keys", access to the RLMS, KazNEB, ScienceDirekt, Scopus, EBSCO, etc.);
3. Developed formal and informal relations with relevant national and international educational and scientific organizations.

**Conclusions of the EEC on the criteria.** Out of 19 standards conform: fully - 13, significantly - 6, partially - 0, do not correspond - 0

**Standard 6:** completed

### **Standard 7: PROGRAMME EVALUATION**

Monitoring of the educational process, educational programmes of the university is carried out on the basis of the Strategy for ensuring the quality of the educational process in NJSC "SMU" dated

23.11.2020 and the Regulations on the procedure for the development, approval and examination of educational programmes in NJSC "SMU" dated 29.03.2019 (<https://seymedicaluniversity.kz/prepodavatelyam/vnutrennie-normativno-pravovye-akty/>).

In order to ensure transparency and objectivity in the assessment of educational achievements, leading representatives of practical health care are involved in working with students as mentors. The transparency of the EP assessment process is confirmed by the discussion of issues of the quality of the educational process, reports at the meeting of the AC. Meetings are held monthly with the participation of CEP members, where measures are discussed and approved to improve the quality of syllabuses, CIS and the educational process. Students of the university are also members of the CEP, which ensures the transparency and independence of the assessment;

Monitoring and evaluation of EP in "Pediatrics" in NJSC "SMU" is carried out on the basis of the principles of collective responsibility of all stakeholders. Departments are responsible for the formation of students' competencies. The teachers of the departments systematically analyze, revise and improve competencies based on feedback from employers, taking into account the introduction of learning outcomes and internships for the teaching staff of the university and updating the evidence base, as scientific progress in medicine. When monitoring and evaluating the EP, the results of the feedback analysis from students and teachers are taken into account. Student representatives and employers, taking into account the needs of the health care system, are directly involved in the development of educational programmes.

An open dialogue between students, the administration and the teaching staff is achieved through a system of continuous feedback study: a questionnaire on the completion of the discipline, conducted by the departments, the appeal of students to the virtual reception room and Facebook of the rector, deputy chairperson of the Board, deans, focus groups, direct meetings of the management with students. There is a trust box in the main building where students can anonymously submit complaints and suggestions.

#### **Strengths:**

1. The University ensures transparency of the process and results of the evaluation of the educational programme for the management and all interested parties;
2. The University will develop mechanisms for collecting and analyzing feedback on the quality of the educational programme from teachers, students, employers.
3. Systematic monitoring of the progress of students in EP;
4. The direct participation of the student in the preparation of the IEP;
5. Academic mobility of students and teaching staff;

**Conclusions of the EEC on the criteria.** Out of 10 standards conform: completely - 0, significantly - 0, partially - 0, do not correspond - 0

**Standard 7: completed**

#### **Standard 8: GOVERNANCE AND ADMINISTRATION**

All decisions in NJSC "SMU" in relation to management, finance is made collectively. The basis for the transparency of the management and its decisions is corporate governance. Meetings of the Academic Council and other meetings are broadcast via the social network Facebook.

All internal documents regulating educational activities are posted on the university website in the Teachers section, available through a personal username and password;

In accordance with the mission of the educational programme, in order to maintain the health of the population, students carry out preventive work among the population of the city in polyclinics, carry out diagnostics and carry out educational work on healthy lifestyles.

All activities for the implementation of educational programmes at the university are carried out under the direct control of the university administration. The chairperson of the board, deputy chairperson for scientific and clinical and academic work constantly monitor the provision of the department with the necessary resources. The administration of the university periodically (once a year) bypasses the departments, talks are held with the teaching staff of the department and students.

The head of the department annually prepares a report of the department to the rector, which reflects the problems or proposals for the implementation of the EPR. Also, monitoring of the learning processes is directly carried out by the School of Medicine, which collects feedback on satisfaction with the educational programme from students and practical health care. In addition, monitoring is carried out by such bodies as the Committee for Educational Programmes, the Academic Committee and the Academic Council.

**Strengths:**

1. The University guarantees transparency of management and decision-making;
2. The University ensures that the programme meets the needs of public health and the provision of medical services
3. Implementation of the EP in accordance with the Educational Strategy developed with the agreement of all stakeholders
4. Availability of infrastructure to ensure delivery of information to stakeholders (website, corporate network)
5. The introduction of distance technologies in the educational process at all levels (a forced measure against the background of the epidemiological situation).
6. Adequacy of clinical bases within the framework of agreements concluded by the university with medical organizations in Semey, Pavlodar, Ust-Kamenogorsk.
7. The active position of the leaders who manage and administer the process.

**Conclusions of the EEC on the criteria.** Out of 13 standards conform: fully - 12, significantly - 1, partially - 0, do not correspond - 0

**Standard 8: completed**

**Standard 9: CONTINUOUS RENEWAL**

The procedures for regular review and updating of the learning process at NJSC «Semey Medical University» are established by the Regulation on the procedure for the development, approval and examination of educational programmes, as well as the Regulation on the development of modular educational programmes. Regular monitoring, analysis and optimization of EP, carried out on a systematic basis, allow the university to ensure the provision of educational services at the required level.

The main organizational structures providing monitoring, formation, approval and updating of EP at the University are:

- Committees of educational programmes (CEP), responsible for the quality of development, implementation, and updating of the programme;
- The Academic Committee, carrying out an examination of the relevance and competitiveness of the EP, content, resource provision, the level of educational technologies and quality assurance of education.

The supreme governing body of the University is the Academic Council. The description of these governing bodies, composition, responsibility for the organization, coordination, management of the EP is presented in the relevant Regulations: Regulations on the CEP, Regulations on Academic Councils, Regulations on the department (academic department), Regulations on the dean's office (school), as well as job descriptions of employees of structural divisions and departments.

The internal programme of quality assurance of the ERP is carried out by the KOPs, the Academic Committee at regular meetings. Structural units are involved in conducting internal audits according to questionnaires, including the collection of information on the quality of implemented EP. Based on the results of the audits, preventive or corrective actions are taken. The results of the audits are heard at the meetings of the collegial bodies of NJSC "SMU".

The electronic document management system is presented in NJSC "SMU" by the automated information educational platform "CAPES" for undergraduate students. The quality of the educational programme is constantly monitored through internal audit: checking the availability of the EMCD,



placement of the EMCD until 2019 in Sirius, since 2020 it has been posted on the Capes platform. All blueprints and learning outcomes are reviewed by the curriculum committee.

An internal management quality assurance programme, including regular audits, is carried out through monitoring through internal audit;

Certain positive changes in education have occurred after the conclusion of partnership with Bashkent University (Turkey). As a result of a strategic partnership with Bashkent University, their typical curriculum was studied and new approaches to assessing control methods were introduced, on their example, an Assessment Committee was created, the functions of which are analysis and assessment of control and measuring instruments (CMS) before the exam. At this stage, the allowed deviations of the CIS are monitored - tasks that violate the criteria and methods of testology. Subsequently, the members of this committee re-evaluate the questions used in the examinations using psychometric methods. Representatives of various departments participate in the work of the Committee. In general, the establishment of the Evaluation Committee was a progressive step for NJSC "SMU".

**Strengths:**

1. Availability of a certified quality management system, including regular internal and external reviews and audits;
2. Implementation of optimal methods for the examination of the quality of control and measuring instruments.

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

**Standard 9: completed**



Thus, all 9 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 commission programme were found.

**5. Recommendations for improving the educational programme of the bachelor's degree at the time of external assessment in the specialty 6B10103 NJSC SMU**

1) It is recommended to include in the post-accreditation monitoring an analysis of the implementation of the criteria of standards 3, 4 and 9, an annual report on the contingent of students.

## 6. Recommendation to the ECAQA Accreditation Council

The EEC members came to a unanimous opinion to recommend the Accreditation Council to accredit Educational Programme 6B10103 - "Pediatrics" of NJSC «Semey Medical University» for a period of 5 years.

|   |   |                                    |
|---|---|------------------------------------|
| <b>Chairperson</b>                        |   | KUZGIBEKOVA ALMA BOLATOVNA         |
| <b>Foreign expert</b>                     |   | RIPP EVGENY GERMANOVICH            |
| <b>Academic expert</b>                    |        | ALMAGUL AMANGELDINOVNA KAUYSHEVA   |
| <b>Academic expert</b>                    | <br>на | SHUKIRBEKOVA ALMA BORANBEKOVNA,    |
| <b>Academic expert</b>                    |        | ISENOVA SAULE SHAIKENOVNA,         |
| <b>Academic expert</b>                    |        | ESENKULOVA SAULE ASKEROVNA,        |
| <b>Academic expert</b>                    |       | KUDABAEVA KHATIMIA ILYASOVNA       |
| <b>Academic expert</b>                    |      | KENZHEGULOVA RAUSHAN BAZARGALIEVNA |
| <b>Academic expert</b>                    |      | RINAT MUZAFAROV,                   |
| <b>Academic expert</b>                    |      | SADIEVA ZHANAR ZAMANKHANOVNA       |
| <b>Academic expert</b>                    |      | RAKHMANOV ELTAI UTEMURATOVICH, PhD |
| <b>Academic expert</b>                    |      | RAMAZANOVA MANSHUK ANEROVNA        |
| <b>Expert - employers' representative</b> |      | SARSENBINA LYAZZAT KYRYKBAEVNA     |
| <b>Representative of undergraduates</b>   |      | MAZANBEKOVA MERUERT YERZHANOVNA    |
| <b>ECAQA Observer</b>                     |      | UMAROVA MAKPAL ALDIBEKOVNA         |

